



# Learner Information Suite 16.02 User Guide

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## Introduction

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### Purpose

This document describes how to install and use the Learner Information Suite (LIS) version 16.02.

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### Background

The LIS is a part of the LSC's data capture systems that enable efficient collection and management of learner information. Other parts include:

- Provider Batch
- Provider On-line
- Learning Aim Database (LAD).

The LIS is designed for use by Provider Batch users.

LIS 16.02 is used to validate individualised learner record (ILR) data for 2008/09, calculate derived variables, calculate Employer Responsive (ER), Learner Responsive (LR) funding data and run reports against this data. The LIS also exports valid data and reports for transmission to the LSC through the Provider Batch online data collection portal.

Further help is available on the following websites:

- The Information Authority; the ILR (including the validation rules used by the LIS) is documented at:  
<http://www.theia.org.uk/downloads/ilrdocuments/>
  - The LSC; LIS 16 documentation is available at:  
[www.lsc.gov.uk/providers/data/software/LIS/LIS16-02](http://www.lsc.gov.uk/providers/data/software/LIS/LIS16-02)
- 

### Previous Versions

LIS series 16 can co-exist with earlier series of the LIS. It can therefore be installed on a PC which already has LIS 15 (or 14 or 13) installed. If you have an earlier version of LIS series 16 installed on your PC, it is recommended that you uninstall it first.

LIS series 16 is designed for use with 2008/09 ILR data for ER, LR, ASL, ESF SR and UFI providers. Providers should continue to use series 15 for processing their 2007/08 ILR returns.

**Warning:** It is advisable not to remove the shared files when uninstalling some old versions of LIS.

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### Support Materials

For support:

- check the LIS section of the LSC's website:  
[www.lsc.gov.uk/providers/data/software/LIS](http://www.lsc.gov.uk/providers/data/software/LIS)
  - contact the Data Service Helpdesk.  
<mailto: servicedesk@thedata-service.org.uk>
-

# Installing LIS

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## Overview

The LIS installation files are available for download from the LSC website ([www.lsc.gov.uk/providers/data/software/LIS/LIS16-02](http://www.lsc.gov.uk/providers/data/software/LIS/LIS16-02)).

The software should be installed onto a PC matching at least the minimum specification required (see below).

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## System Requirements

The LIS is supported on the following operating systems:

- Windows 2000
- Windows XP Home or Professional
- Windows Vista

The PC should ideally support an internet connection, to enable you to check the LSC website for updates, and to download the Learning Aim Database (LAD).

**Note:** You must have administrator rights on the PC, if required by your operating system, in order to install the software.

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## Downloading LIS for Installation

The installation files are located on the LSC website for you to download, unzip and install onto your PC. To download the files:

Step	Action
1	Launch your internet browser and navigate to the LIS section of the LSC website: <a href="http://www.lsc.gov.uk/providers/data/software/LIS">www.lsc.gov.uk/providers/data/software/LIS</a>  The page has links to the latest version for each teaching year, and also to all previous versions for each teaching year.
2	Choose the 16.02 page link to display the LIS 16.02 page, the latest version of the LIS software is always put at the top of this page. It contains file download links and gives access to useful information about the software which is updated when necessary.
3	Choose the full installation by clicking on the zip file download.  The file download dialogue box displays.

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## Installing LIS, Continued

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Step	Action
4	Select the option to <b>Save this program to disk</b> . Click <b>OK</b> .
5	Select the destination directory for the download on your PC. Click <b>Save</b> .  The file will download to your PC in the location specified. The download progress displays.

---

### Running the LIS Installation

To be able to run the installation program you *must* use full administrator rights on your PC.

Please note that if LIS 16.01 or LIS 16.02 was not installed previously on the target PC then .NET Framework 2.0 must be installed. and likewise that the LIS must be updated with the postcode file and latest Data Update file following installation which can both be downloaded from the LIS 16.02 web page. Guidance on updating the LIS with Data Update can be found on page 64 of this User Guide

The software should only be installed onto the hard disk of a PC and not a network drive. It is recommended that you close down all other applications before beginning the installation process.

**Important:** When the software has been installed on a Microsoft Vista machine, the software should be run once whilst the administrator rights are in operation. Otherwise the software will not work when standard user rights are restored.

To run the installation:

Step	Action
1	Unzip the downloaded LIS file and navigate to the location.  Double click the file <b>setup.exe</b> .  The Preparing to Install screen displays.  <b>Cancel</b> stops the installation programme.  Once the Preparing to Install screen is complete, the Welcome screen appears.
2	Click <b>Next</b> .  The Choose Destination Location dialogue box displays.

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*Continued on next page*

## Installing LIS, Continued

Step	Action										
3	<p>Use the table below to help decide:</p> <table border="1"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>You click <b>Browse</b></td> <td>The Choose Folder dialogue box displays. Select the required location for the installation. Click <b>OK</b>. <b>Cancel</b> will cancel the selected location and maintain the default setting. Go to step 4.</td> </tr> <tr> <td>You click <b>Back</b></td> <td>You return to the previous Welcome screen as in step 1.</td> </tr> <tr> <td>You click <b>Next</b></td> <td>The Setup Status screen displays. Go to step 5.</td> </tr> <tr> <td>You click <b>Cancel</b></td> <td>You will exit the installation programme. Please refer to Cancelling the LIS Installation (see page 9).</td> </tr> </tbody> </table>	IF...	THEN...	You click <b>Browse</b>	The Choose Folder dialogue box displays. Select the required location for the installation. Click <b>OK</b> . <b>Cancel</b> will cancel the selected location and maintain the default setting. Go to step 4.	You click <b>Back</b>	You return to the previous Welcome screen as in step 1.	You click <b>Next</b>	The Setup Status screen displays. Go to step 5.	You click <b>Cancel</b>	You will exit the installation programme. Please refer to Cancelling the LIS Installation (see page 9).
IF...	THEN...										
You click <b>Browse</b>	The Choose Folder dialogue box displays. Select the required location for the installation. Click <b>OK</b> . <b>Cancel</b> will cancel the selected location and maintain the default setting. Go to step 4.										
You click <b>Back</b>	You return to the previous Welcome screen as in step 1.										
You click <b>Next</b>	The Setup Status screen displays. Go to step 5.										
You click <b>Cancel</b>	You will exit the installation programme. Please refer to Cancelling the LIS Installation (see page 9).										
4	Click <b>Next</b> . The installation begins and the setup status screen displays.										
5	<p>You may be required to restart your PC once the installation is complete. Click the radio button to select the option required.</p> <p><b>Note:</b> If you are prompted to restart your computer after the software installation, it is recommended that you do so, to ensure the application will work correctly. Whether the prompt displays or not depends on your PC configuration.</p>										
6	<p>Click <b>Finish</b>. The installation is complete. A shortcut icon is now present on the desktop.</p> <p>The software is also accessible from the <b>Start   Programs</b> list.</p>										

### Cancelling the LIS Installation

You can cancel the installation if required, during steps 1 to 4 of the Running the LIS Installation procedure (see page 8).

To cancel the installation:

Step	Action						
1	Click <b>Cancel</b> . The Exit Setup dialogue box displays.						
2	<p>Click a button:</p> <table border="1"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>You click <b>Yes</b></td> <td>The setup programme closes.</td> </tr> <tr> <td>You click <b>No</b></td> <td>The installation programme returns to the point when <b>Cancel</b> was clicked and continues the installation.</td> </tr> </tbody> </table>	IF...	THEN...	You click <b>Yes</b>	The setup programme closes.	You click <b>No</b>	The installation programme returns to the point when <b>Cancel</b> was clicked and continues the installation.
IF...	THEN...						
You click <b>Yes</b>	The setup programme closes.						
You click <b>No</b>	The installation programme returns to the point when <b>Cancel</b> was clicked and continues the installation.						

# Uninstalling LIS

## Overview

LIS has a facility to allow you to uninstall the software easily. You can begin the un-installation process in a number of ways:

- use the Uninstall shortcut from the Start menu
- run setup.exe from the installation folder.

## Uninstall from the Start Menu

To uninstall LIS 16.02 from your PC using the **Uninstall** shortcut:

Step	Action						
1	Select the Uninstall LIS 16.02 shortcut from <b>Start   Programs   Learner Information Suite   LIS Maintenance   Uninstall v16.02</b> .  The Uninstall message appears.						
2	Click a button: <table border="1"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>You click <b>Yes</b></td><td>Go to step 3.</td></tr><tr><td>You click <b>No</b></td><td>The uninstall program terminates.</td></tr></tbody></table>	IF...	THEN...	You click <b>Yes</b>	Go to step 3.	You click <b>No</b>	The uninstall program terminates.
IF...	THEN...						
You click <b>Yes</b>	Go to step 3.						
You click <b>No</b>	The uninstall program terminates.						
3	The uninstall program runs. <b>Cancel</b> exits the program. When complete, the box closes and LIS 16.02 is uninstalled.						

## Uninstall using Setup

To uninstall LIS 16.02 from your PC using **setup.exe**:

Step	Action						
1	Navigate to the <b>setup.exe</b> file used to install LIS 16.02 on your PC and double-click the file.  The Preparing to Install screen appears. <b>Cancel</b> will exit the program. Once completed, the Welcome screen displays.						
2	Select the <b>Remove</b> radio button and click <b>Next</b> .  The Confirm Uninstall dialogue box displays.						
3	Click a button: <table border="1"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>You click <b>OK</b></td><td>Go to step 4.</td></tr><tr><td>You click <b>Cancel</b></td><td>You return to the Welcome screen as in step 1.</td></tr></tbody></table>	IF...	THEN...	You click <b>OK</b>	Go to step 4.	You click <b>Cancel</b>	You return to the Welcome screen as in step 1.
IF...	THEN...						
You click <b>OK</b>	Go to step 4.						
You click <b>Cancel</b>	You return to the Welcome screen as in step 1.						
4	The Setup Status window appears. <b>Cancel</b> will cancel the un-installation of LIS 16.02. On completion, the Maintenance Complete screen displays.  Click <b>Finish</b> .						

# The Learning Aim Database

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## Overview

The Learning Aim Database (LAD) is an LSC application that holds information on learning aims and associated funding and statistical information.

This information is used by the LIS and other LSC systems to validate ILR data, calculate derived variables and calculate funding.

The LAD is available to search online, or you can download an extract of LAD data. More information about the LAD is available from the LAD pages of the LSC website at [www.lsc.gov.uk/providers/data/software/LAD](http://www.lsc.gov.uk/providers/data/software/LAD).

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## The LAD and LIS

Because the LIS requires information from the LAD to process data, it is necessary to create a link between the LIS and a download from the LAD.

The data in the LAD is updated frequently. Regularly download a new version to ensure you are working with the most current information.

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## Downloading the LAD from the Website

To download the latest version of the LAD:

Step	Action
1	Browse to the LAD on the LSC provider extranet: <a href="http://providers.lsc.gov.uk/LAD">http://providers.lsc.gov.uk/LAD</a> .
2	Click <b>LAD Downloads</b> in the top menu bar.  The LAD downloads page displays.
3	Click on the file you wish to download. For the LIS you will need a file in Microsoft Access format (.mdb) file. For LIS 16.02 you can download either: <ul style="list-style-type: none"><li>the entire LAD, which contains information for the current teaching year as well as the previous two years; or</li><li>the LAD for 2008/09</li></ul> The File Download dialogue box displays.  During steps 3 to 5, <b>Cancel</b> stops the download.
4	Select the <b>Save this program to disk</b> option and click <b>OK</b> .  The Save As dialogue box displays.
5	You may choose to change the location and file name for saving to your PC. When you have completed this click <b>Save</b> .  The download begins and the Download dialogue box displays.

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## The Learning Aim Database, Continued

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Step	Action								
6	<p data-bbox="544 353 1326 416">On completion of the download the <b>Open</b> and <b>Open Folder</b> buttons become available.</p> <table border="1" data-bbox="563 450 1362 741"><thead><tr><th data-bbox="563 450 911 495">IF...</th><th data-bbox="911 450 1362 495">THEN...</th></tr></thead><tbody><tr><td data-bbox="563 495 911 600">You click <b>Open</b></td><td data-bbox="911 495 1362 600">The file will be opened for you to access and unzip to a suitable location on your PC.</td></tr><tr><td data-bbox="563 600 911 674">You click <b>Open Folder</b></td><td data-bbox="911 600 1362 674">The folder containing the downloaded LAD is opened.</td></tr><tr><td data-bbox="563 674 911 741">You click <b>Close</b></td><td data-bbox="911 674 1362 741">The Download dialogue box is closed.</td></tr></tbody></table> <p data-bbox="544 779 1230 840">You will need to unzip the LAD then link it to the LIS. Refer to Link to the LAD (see page 25).</p>	IF...	THEN...	You click <b>Open</b>	The file will be opened for you to access and unzip to a suitable location on your PC.	You click <b>Open Folder</b>	The folder containing the downloaded LAD is opened.	You click <b>Close</b>	The Download dialogue box is closed.
IF...	THEN...								
You click <b>Open</b>	The file will be opened for you to access and unzip to a suitable location on your PC.								
You click <b>Open Folder</b>	The folder containing the downloaded LAD is opened.								
You click <b>Close</b>	The Download dialogue box is closed.								

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# Login to LIS

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## Overview

The LIS can be started from the Start menu or from the desktop. You will need to enter a password to login.

By default when the software is installed onto your PC the password is set to **password**. You may need to change the password in line with your organisation's security policy.

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## Accessing LIS from the Start Menu

To access LIS 16.02 from the Start Menu choose **Start | Programs | Learner Information Suite v16.02 | LIS v16.02**.

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## Accessing LIS from the Desktop

To access LIS 16.02 from your desktop, double click the **LIS v16.02** icon. This is automatically created as a desktop shortcut during installation.

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## Login to LIS

To login to LIS:

Step	Action
1	<p>Start LIS.</p> <p>In the Learner Information Suite Login dialogue box type the password "<b>password</b>" (in lower case, without the quote marks) into the password field.</p> <p><b>Note:</b> If the password has already been changed then use that password to login.</p> <p>If you click <b>Cancel</b>, the dialogue box closes and the LIS will not start.</p>
2	<p>Click <b>Login</b>.</p> <p>This logs you into LIS and briefly displays a splash screen. The Welcome screen displays once the application loads.</p> <p>You have now logged into LIS and can use it.</p>

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## Login to LIS, cont

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### Changing your Password

The LIS password can be changed if required.

However, note that:

- if you forget the new password, the LIS software must be uninstalled and then re-installed to set the password back to the default setting of “password”
- each time you upgrade the LIS software the password will be re-set to “password”.

To change the password:

Step	Action						
1	Start LIS.  In the Learner Information Suite Login dialogue box, enter your current password into the password field.						
2	Click the <b>Change</b> checkbox.						
3	Click <b>Login</b> .  The Change Password dialogue box appears.						
4	Enter a new password into both the New Password field and the Verify Password field.  The new password and verify password must match.						
5	Click <b>OK</b> . <table border="1" data-bbox="561 1189 1361 1386"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>The passwords match</td><td>Continue to step <b>6</b>.</td></tr><tr><td>The passwords do not match</td><td>An error message will appear. Click <b>OK</b> and go back to step <b>4</b>.</td></tr></tbody></table>	IF...	THEN...	The passwords match	Continue to step <b>6</b> .	The passwords do not match	An error message will appear. Click <b>OK</b> and go back to step <b>4</b> .
IF...	THEN...						
The passwords match	Continue to step <b>6</b> .						
The passwords do not match	An error message will appear. Click <b>OK</b> and go back to step <b>4</b> .						
6	The Welcome screen displays. The password has now been changed and you may start to use LIS.						

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# Navigating Around LIS

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## Overview

To navigate around and access the LIS screens, you have two options:

- menu bar
  - navigation tree.
- 

## Navigation using the Menu Bar


The LIS application menu bar allows you to move around the screens by selecting a menu option and then clicking the required item.

All types of collection - ASL, ESF SR, LR, UFI and ER - are accessed from the same menu options. The Batch Import screen allows the collection type to be selected as well as the collection itself (see page 21).

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## Navigating the File Menu

The following step shows the File menu option:

Step	Action
1	<p>Click <b>File</b>. You can also use Alt-F to access the File menu.</p> <p>There is only one option available, <b>Exit</b>.</p> <p>Selecting the Exit option will close the LIS. You can also use  in the top right hand corner of the application window to close the application.</p>

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## Navigating the View Menu

The following steps show the View menu option:

Step	Action
1	<p>Click <b>View</b>. You can also use Alt-V to access the View menu.</p> <p>The following options are available:</p> <ul style="list-style-type: none"><li>• ILR Data Viewer</li><li>• LR Funding Data Viewer</li><li>• ER Funding Data Viewer</li></ul>
2	<p>Select <b>ILR Data Viewer</b>.</p> <p>The ILR Data Viewer screen displays. This screen allows you to:</p> <ul style="list-style-type: none"><li>• search for specific learners</li><li>• view details for a selected learner from the imported ILR data</li><li>• view rule violations for the selected learner</li><li>• link to Report Manager with the learner reference filter pre-populated.</li></ul>

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## Navigating Around LIS, Continued

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Step	Action
3	<p>Select <b>LR Funding Data Viewer</b>.</p> <p>The LR Funding Viewer screen displays. This screen allows you to view imported and calculated data by:</p> <ul style="list-style-type: none"><li>• searching for specific learners</li><li>• viewing details for a selected learner from the imported ILR and LAD data</li><li>• viewing details for a selected learner from the calculated derived variables and LR funding data</li><li>• viewing rule violations and calculation errors for the selected learner.</li></ul>
4	<p>Select <b>ER Funding Data Viewer</b>.</p> <p>The ER Funding Viewer screen displays. This screen allows you to view imported and calculated data by:</p> <ul style="list-style-type: none"><li>• searching for specific learners</li><li>• viewing details for a selected learner from the imported ILR and LAD data</li><li>• viewing details for a selected learner from the calculated derived variables and ER funding data</li><li>• viewing rule violations and calculation errors for the selected learner.</li></ul>

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### Navigating the Data Menu

The following steps show the Data menu option:

Step	Action
1	<p>Click <b>Data</b>. You can also use Alt-D to access the Data menu.</p> <p>The following options are available:</p> <ul style="list-style-type: none"><li>• Batch Import</li><li>• Export ILR File</li><li>• Calculate Funding Data</li><li>• Calculate Derived Data</li><li>• Reconciliation</li><li>• Delete Reconciliation Data.</li></ul>

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*Continued on next page*

## Navigating Around LIS, Continued

Step	Action
2	<p>Select <b>Batch Import</b>.</p> <p>The Batch Import screen displays. The Batch Import screen combines most of the functionality of the LIS into a single screen. It allows you to:</p> <ul style="list-style-type: none"> <li>• select the correct collection type and period</li> <li>• select a provider</li> <li>• link to the LAD</li> <li>• import ILR data</li> <li>• validate ILR data</li> <li>• calculate derived data</li> <li>• calculate ER or LR funding data</li> <li>• add and delete files for import</li> <li>• export ILR data</li> <li>• export the LIS database</li> <li>• run DSAT software</li> <li>• run and print reports</li> <li>• save and load defaults</li> <li>• monitor the status of batch operations.</li> </ul>
3	<p>Select <b>Export ILR File</b>.</p> <p>The Export ILR File screen displays. This screen allows you to:</p> <ul style="list-style-type: none"> <li>• export ILR data to a file or to floppy diskettes</li> <li>• change the export area path</li> <li>• select data type when exporting the ILR data</li> <li>• save and load defaults</li> </ul>
4	<p>Select <b>Calculate Funding Data</b>.</p> <p>The Calculate Funding Data screen displays. This screen allows you to:</p> <ul style="list-style-type: none"> <li>• run the LR funding calculations on your ILR data</li> <li>• run the ER funding calculations on your ILR data</li> </ul>
5	<p>Select <b>Calculate Derived Data</b>.</p> <p>The Calculate Derived Data screen displays. This screen allows you to run the derived data calculations on your ILR data</p>
6	<p>Select <b>Reconciliation</b>.</p> <p>The Reconciliation screen displays. This screen allows you to:</p> <ul style="list-style-type: none"> <li>• reconcile two ILR files to check that continuing learners from the earlier file are present in the later file as expected</li> <li>• export a reconciliation file for transmission to the LSC</li> <li>• run the Reconciliation report</li> </ul>
7	<p>Select <b>Delete Reconciliation Data</b>.</p> <p>The Delete Reconciliation Data dialog displays. This allows you to delete any previous reconciliation data.</p>

*Continued on next page*

## Navigating Around LIS, Continued

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### Navigating the Reports Menu

The following steps show the Reports menu option:

Step	Action
1	Click <b>Reports</b> . You can also use Alt-R to access the Reports menu.  There is only one option available, <b>Report Manager</b> .
2	Select <b>Report Manager</b> .  The Report Manager screen displays. This screen allows you to: <ul style="list-style-type: none"><li>• run reports, with filters if required</li><li>• view the output on screen and print reports</li><li>• export reports</li><li>• export the LIS database / lookup tables.</li></ul>

---

### Navigating the General Menu

The following steps show the General menu option:

Step	Action
1	Click <b>General</b> . You can also use Alt-G to access the General menu.  The following options will be available: <ul style="list-style-type: none"><li>• Validation Rules</li><li>• Log</li><li>• Options</li><li>• Postcodes</li></ul>
2	Select <b>Validation Rules</b> .  The Validation Rules screen displays. This screen allows you to: <ul style="list-style-type: none"><li>• view the list of validation rules used by the LIS for validating ILR data</li><li>• view detailed descriptions for rules in the list.</li></ul> <p><b>Note:</b> The list contains <b>all</b> the rules used for validation for <b>all</b> collection types. The <b>Collections</b> column (Colls) displays categories that identify the collection type the rule is applied to.</p>
3	Select <b>Log</b> .  The Log screen displays. This screen enables you to view a log of all operations carried out by the software since the log was last cleared.

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*Continued on next page*

## Navigating Around LIS, Continued

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Step	Action
4	<p>Select <b>Options</b>.</p> <p>The Options screen displays. This screen allows you to:</p> <ul style="list-style-type: none"><li>• view the status information for the imported ILR data file</li><li>• select a provider</li><li>• truncate the log file</li><li>• clear any locks in the database</li><li>• compact the database</li><li>• update 'provider data' such as provider lists and postcode lists.</li><li>• view import errors</li><li>• view current version information for the LIS, LAD, provider list and validation rules.</li></ul>
5	<p>Select <b>Postcodes</b>.</p> <p>The Postcodes screen displays. The Postcodes screen allows you to:</p> <ul style="list-style-type: none"><li>• search for and view the postcodes included in the LIS</li><li>• add (insert) new postcodes</li><li>• delete postcodes.</li></ul>

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### Navigating the Help Menu

The following steps show the Help menu option:

Step	Action
1	<p>Click <b>Help</b>. You can also use Alt-H to access the Help menu.</p> <p>There is only one option available, <b>About Learner Information Suite</b>.</p>
2	<p>Select <b>About Learner Information Suite</b>.</p> <p>The About Learner Information Suite screen displays. The About Learner Information Suite screen allows you to:</p> <ul style="list-style-type: none"><li>• view LIS information</li><li>• view system information</li><li>• link to the LIS page in the Data area of the LSC website.</li></ul>

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*Continued on next page*


## Navigating Around LIS, Continued

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### Navigation using the Navigation Tree

The LIS navigation tree allows you to move around the screens by expanding and selecting folder items representing the LIS screens.

The options are the same as in the menus, except there is no entry for deleting reconciliation data.

Step	Action
1	<p>The navigation tree folders appear on the left hand side of the Welcome screen. Click on the + symbol to the left of the LIS 16.02 folder icon to expand the navigation tree.</p> <p><b>Note:</b> you can use the  button to close the navigation tree display. To restart the navigation tree you must click on the title bar, where the screen title displays, below the menu options.</p>
2	<p>The following folders (screens) are available from the navigation tree:</p> <ul style="list-style-type: none"><li>• Batch Import</li><li>• ILR Data Viewer</li><li>• Calculate Funding Data</li><li>• LR Funding Viewer</li><li>• ER Funding Viewer</li><li>• Calculate Derived Data</li><li>• Export ILR File</li><li>• Report Manager</li><li>• Validation Rules</li><li>• Log</li><li>• Options</li><li>• Postcodes</li><li>• Reconciliation</li></ul> <p>Click on the required folder. The relevant screen displays.</p>

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# Importing and Validating ILR Data

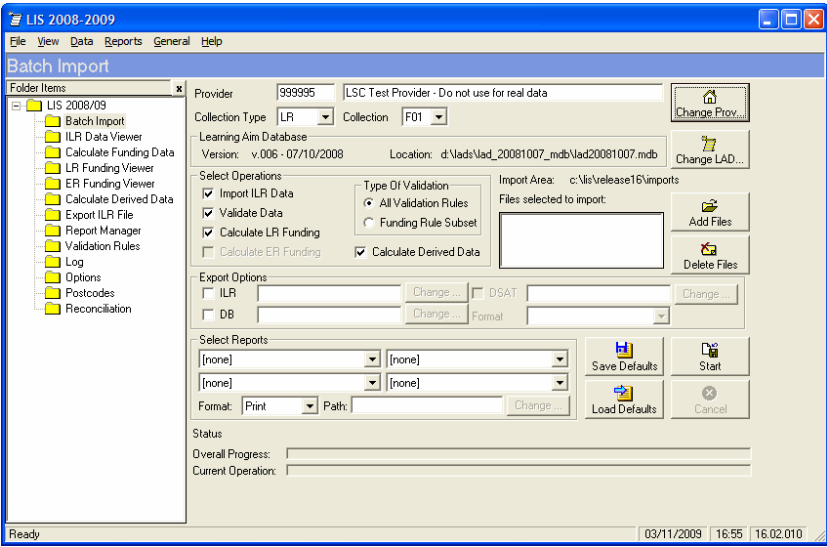
## Overview

You can import and/or validate ILR data from the Batch Import screen.

**Note:** From the Batch Import screen you can choose to run many different operations, including importing and validating ILR data, running calculations and reports and exporting ILR data or the LIS database. These operations can be selected in various combinations.

## Import ILR Data using Batch Import

To import and validate ILR data:

Step	Action								
1	<p>Access the <b>Batch Import</b> screen:</p> 								
2	Set up the batch import as described in the following sections.								
3	Click the Start button to start the processes selected.								
	<p>The processes start. Status and progress are displayed.</p> <table border="1" data-bbox="560 1547 1358 1906"> <thead> <tr> <th data-bbox="560 1547 962 1592">IF...</th> <th data-bbox="962 1547 1358 1592">THEN...</th> </tr> </thead> <tbody> <tr> <td data-bbox="560 1592 962 1697">You wish to cancel the process once it has started.</td> <td data-bbox="962 1592 1358 1697">Go to Cancel the Import/Validate Process (see page 32).</td> </tr> <tr> <td data-bbox="560 1697 962 1803">You receive an import error message.</td> <td data-bbox="962 1697 1358 1803">Go to What if the Import Process Aborts (see page 32).</td> </tr> <tr> <td data-bbox="560 1803 962 1906">You receive a confirmation that the process has completed successfully.</td> <td data-bbox="962 1803 1358 1906">Click <b>OK</b> and go to your required next action.</td> </tr> </tbody> </table>	IF...	THEN...	You wish to cancel the process once it has started.	Go to Cancel the Import/Validate Process (see page 32).	You receive an import error message.	Go to What if the Import Process Aborts (see page 32).	You receive a confirmation that the process has completed successfully.	Click <b>OK</b> and go to your required next action.
IF...	THEN...								
You wish to cancel the process once it has started.	Go to Cancel the Import/Validate Process (see page 32).								
You receive an import error message.	Go to What if the Import Process Aborts (see page 32).								
You receive a confirmation that the process has completed successfully.	Click <b>OK</b> and go to your required next action.								

*Continued on next page*

## Importing and Validating ILR Data, Continued

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### Change the Collection Type

The Collection Type field in the Batch Import screen must display the code for the collection type being imported (LR, ER, ASL, ESF SR, UFI):

Step	Action
1	Click the drop down on the <b>Collection Type</b> field to list the collection types.
2	Click on the collection type required to select it.

---

### Change the Collection Code

The Collection field in the Batch Import screen must display the code for the collection being imported:

The collection codes will be automatically displayed relevant to the collection type selected (for example, for LR the collection codes will be F01, F02, etc.)

Step	Action
1	Click the drop down on the <b>Collection</b> field to list the collection codes.  <b>Note:</b> If you selected the Collection Type code using: <ul style="list-style-type: none"><li>• LR, the Collection code will be prefixed with a letter F</li><li>• ER, the Collection code will be prefixed with a letter W</li><li>• ASL, the Collection code will be prefixed with a letter C</li><li>• ESF SR, the Collection code will be prefixed with a letter S</li><li>• UFI, the Collection code will be prefixed with a letter U.</li></ul>
2	Click on the collection code required to select it.

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*Continued on next page*

## Importing and Validating ILR Data, Continued

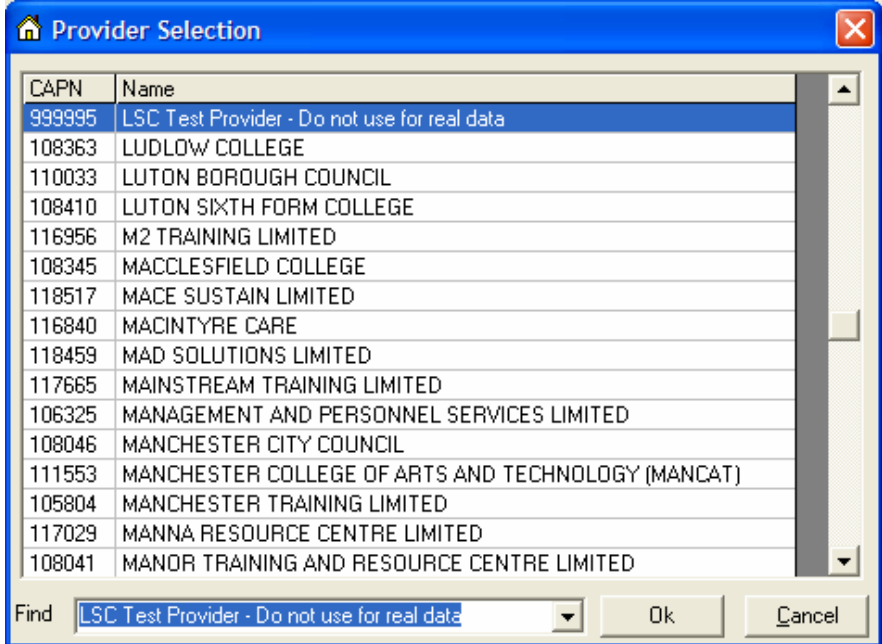
### Change the Provider

The first time you use LIS 16.02 you will need to change the Provider field to your specific provider number and name.

**Note:** If you use more than one provider number for transmitting ILR data you must ensure the provider field displays the correct provider number and name for the ILR data you are importing. If the provider number does not match the provider reference in the ILR file name then the ILR import will not allow the file to be selected.

Provider numbers are issued by LSC National Office – any problems should be referred to your local LSC office.

To change the provider:

Step	Action																																		
1	<p>Access the <b>Batch Import</b> screen by selecting Batch Import from the navigation tree.</p> <p>Click the <b>Change Prov</b> button.</p> <p>The Provider Selection window displays:</p>  <table border="1"><thead><tr><th>CAPN</th><th>Name</th></tr></thead><tbody><tr><td>999995</td><td>LSC Test Provider - Do not use for real data</td></tr><tr><td>108363</td><td>LUDLOW COLLEGE</td></tr><tr><td>110033</td><td>LUTON BOROUGH COUNCIL</td></tr><tr><td>108410</td><td>LUTON SIXTH FORM COLLEGE</td></tr><tr><td>116956</td><td>M2 TRAINING LIMITED</td></tr><tr><td>108345</td><td>MACCLESFIELD COLLEGE</td></tr><tr><td>118517</td><td>MACE SUSTAIN LIMITED</td></tr><tr><td>116840</td><td>MACINTYRE CARE</td></tr><tr><td>118459</td><td>MAD SOLUTIONS LIMITED</td></tr><tr><td>117665</td><td>MAINSTREAM TRAINING LIMITED</td></tr><tr><td>106325</td><td>MANAGEMENT AND PERSONNEL SERVICES LIMITED</td></tr><tr><td>108046</td><td>MANCHESTER CITY COUNCIL</td></tr><tr><td>111553</td><td>MANCHESTER COLLEGE OF ARTS AND TECHNOLOGY (MANCAT)</td></tr><tr><td>105804</td><td>MANCHESTER TRAINING LIMITED</td></tr><tr><td>117029</td><td>MANNA RESOURCE CENTRE LIMITED</td></tr><tr><td>108041</td><td>MANOR TRAINING AND RESOURCE CENTRE LIMITED</td></tr></tbody></table>	CAPN	Name	999995	LSC Test Provider - Do not use for real data	108363	LUDLOW COLLEGE	110033	LUTON BOROUGH COUNCIL	108410	LUTON SIXTH FORM COLLEGE	116956	M2 TRAINING LIMITED	108345	MACCLESFIELD COLLEGE	118517	MACE SUSTAIN LIMITED	116840	MACINTYRE CARE	118459	MAD SOLUTIONS LIMITED	117665	MAINSTREAM TRAINING LIMITED	106325	MANAGEMENT AND PERSONNEL SERVICES LIMITED	108046	MANCHESTER CITY COUNCIL	111553	MANCHESTER COLLEGE OF ARTS AND TECHNOLOGY (MANCAT)	105804	MANCHESTER TRAINING LIMITED	117029	MANNA RESOURCE CENTRE LIMITED	108041	MANOR TRAINING AND RESOURCE CENTRE LIMITED
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2	<p>To find your provider name type the first few characters of the name into the <b>Find</b> field. The list will scroll as you type until the provider name that matches the characters typed displays.</p> <p>You can also search by entering the whole provider number in the <b>Find</b> field.</p> <p>Alternatively you may use the vertical scroll bar to scroll to your provider name and number.</p> <p>Highlight the entry in the list.</p>
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*Continued on next page*

## Importing and Validating ILR Data, Continued

Step	Action						
3	<p>Click <b>OK</b>.</p> <p>A dialogue box displays to confirm deletion of current provider data.</p> <p><b>Note:</b> This dialogue box only displays if a previous provider was selected. If there was no provider selected, the prompt will not appear.</p>						
4	<p>Click a button:</p> <table border="1"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>You want to change the provider name and delete any data previously imported for another provider.</td> <td>Click <b>Yes</b>. You return to the Batch Import screen and the new provider name and number displays.</td> </tr> <tr> <td>You do not want to change the provider name and delete any data previously imported for another provider.</td> <td>Click <b>No</b>. You return to the Batch Import screen and the provider is not changed.</td> </tr> </tbody> </table> <p><b>Note:</b> You can also change provider details from the Maintenance Tab of the <b>Options</b> screen by clicking on the Provider... button.</p>	IF...	THEN...	You want to change the provider name and delete any data previously imported for another provider.	Click <b>Yes</b> . You return to the Batch Import screen and the new provider name and number displays.	You do not want to change the provider name and delete any data previously imported for another provider.	Click <b>No</b> . You return to the Batch Import screen and the provider is not changed.
IF...	THEN...						
You want to change the provider name and delete any data previously imported for another provider.	Click <b>Yes</b> . You return to the Batch Import screen and the new provider name and number displays.						
You do not want to change the provider name and delete any data previously imported for another provider.	Click <b>No</b> . You return to the Batch Import screen and the provider is not changed.						

### Link to the LAD

In order to validate your ILR data you must link LIS to a download from the LAD. Refer to The Learning Aim Database, Downloading the LAD from the Website section (see page 11), for details of how to download the LAD tables.

To link LIS to the LAD complete the following steps:

Step	Action
1	<p>Access the <b>Batch Import</b> screen.</p> <p>If this is the first time you have linked to the LAD, the Learning Aim Database Version and Location fields will be blank, otherwise they will contain details for the previously linked LAD.</p>
2	<p>Click the <b>Change LAD...</b> button</p> <p>The Select Learning Aim Database Path window displays.</p>
3	<p>Use the explorer window to navigate to and select the directory that contains the most recent version of the LAD MDB.</p> <p>Click <b>Open</b>.</p> <p>You return to the Batch Import screen, where the Learning Aim Database Version and Location fields are now populated.</p>

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## Importing and Validating ILR Data, Continued

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### Select Operations

The Select Operations area of the Batch Import screen allows you to select which processes to run:

- Import ILR Data – this operation checks the ILR data file against import validation rules, reports on any errors and only imports the file once it passes all import validation checks.
- Validate Data – this operation validates ILR data against the validation rules and reports any errors. However, this operation can only run when the ILR data file has been successfully imported into LIS. You can select the type of validation by checking the appropriate radio button, either All Validation Rules or Funding Rule Subset.
- Calculate Derived Data – this operation performs the derived data calculation, which calculates statistical values for each learner that has passed validation. (Note that the learners do not need to be fully valid but must be valid according to the funding subset of the validation rules.) These values are calculated and stored in the LIS database.
- Calculate LR Funding– this operation calculates LR funding data for each learner that has passed validation. (Note that the learners do not need to be fully valid but must be valid according to the funding subset of the validation rules.)
- Calculate ER Funding– this operation calculates ER funding data for each learner that has passed validation. (Note that the learners do not need to be fully valid but must be valid according to the funding subset of the validation rules.)

If all the operations are selected, LIS attempts to import the ILR data file first and, providing there are no import errors, it then validates the data, derives the statistical values and calculates funding data.

To select the operations to run, complete the following step:

Step	Action
1	Access the <b>Batch Import</b> screen.  Check the Select Operations box(es) for the required operation(s).  <b>Note:</b> The validation and calculation operations can be run at a later stage if required. Select only the operations required at this point.

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*Continued on next page*

## Importing and Validating ILR Data, Continued

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### Add ILR Data File

To add an ILR data file to import, complete the following steps:

Step	Action
1	<p>Access the <b>Batch Import</b> screen</p> <p>If this is the first time you have selected a file for import, the Import Area and Files selected to import fields will be blank.</p> <p>If a file has been imported previously, the fields will contain those details. They can be removed using the Delete Files facility as described below in step 3.</p> <p>Click the <b>Add Files</b> button. The Add ILR File to Batch window displays.</p>
2	<p>Navigate to the directory that contains the ILR file to be imported and select the file.</p> <p>If an incorrect provider, collection type or collection period have been selected, or if the file is not named correctly, the files will <b>not</b> be visible.</p>
3	<p>Click <b>Open</b>.</p> <p>You return to the Batch Import screen and the <b>Import Area</b> and <b>Files selected to import</b> fields display details of the file selected for import.</p> <p><b>Note:</b> If there is any ILR data already present within LIS, it will be deleted when the new data is imported. LIS uses a copy of the ILR data file you have selected – the original file is not affected.</p> <p>Once the import is completed you can delete the file(s) from the LIS import area by selecting them and clicking the <b>Delete Files</b> button.</p>

*Continued on next page*

## Importing and Validating ILR Data, Continued

### Export ILR

Using the **Export Options** area of the Batch Import screen you can export the ILR data ready for transmission to the LSC using Provider Batch.

**Note:** The Export ILR feature will export valid ILR data ONLY and any invalid data WILL NOT be exported. Therefore the export file may not be a reflection of the full ILR data file originally imported.

To export ILR data to a file for transmission to the LSC you will export the file to a folder on your PC. The default location displays after the Change... button is used. The default location is C:\LIS\Release16\exports.

To export your ILR data to a file:

Step	Action						
1	<p>On the <b>Batch Import</b> screen check the <b>Export ILR</b> check box.</p> <table border="1"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>This is the first time you are exporting ILR data.</td> <td>The <b>Change...</b> button will activate, go to step <b>3</b>.</td> </tr> <tr> <td>You have previously exported ILR data.</td> <td>The <b>Change...</b> button will activate and the file directory of the last ILR export displays. Go to step <b>2</b>.</td> </tr> </tbody> </table>	IF...	THEN...	This is the first time you are exporting ILR data.	The <b>Change...</b> button will activate, go to step <b>3</b> .	You have previously exported ILR data.	The <b>Change...</b> button will activate and the file directory of the last ILR export displays. Go to step <b>2</b> .
IF...	THEN...						
This is the first time you are exporting ILR data.	The <b>Change...</b> button will activate, go to step <b>3</b> .						
You have previously exported ILR data.	The <b>Change...</b> button will activate and the file directory of the last ILR export displays. Go to step <b>2</b> .						
2	<p>Check the file directory displayed:</p> <table border="1"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>You want to change the directory to which the ILR data will be exported</td> <td>Go to step <b>3</b>.</td> </tr> <tr> <td>You want to use this directory for the ILR export</td> <td>Go to step <b>5</b>.</td> </tr> </tbody> </table>	IF...	THEN...	You want to change the directory to which the ILR data will be exported	Go to step <b>3</b> .	You want to use this directory for the ILR export	Go to step <b>5</b> .
IF...	THEN...						
You want to change the directory to which the ILR data will be exported	Go to step <b>3</b> .						
You want to use this directory for the ILR export	Go to step <b>5</b> .						
3	<p>Click <b>Change....</b></p> <p>The Select ILR Export Path window displays.</p>						
4	<p>Use the explorer window to navigate to and select the directory for your ILR data export and click <b>Open</b>.</p> <p>You will now be returned to the Batch Import screen.</p>						
5	<p>The <b>Export ILR</b> field displays details of the directory selected for the ILR export.</p> <p><b>Note:</b> You can also export to a floppy diskette if required, by selecting the floppy disk drive.</p>						
6	<p>After the batch import is complete you can view the exported ILR data file and transmit it to the LSC using Provider Batch.</p>						

*Continued on next page*

## Importing and Validating ILR Data, Continued

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### Export DB (database)

LIS provides the Export DB function to allow you to view and manipulate the data held within the internal LIS database.

**Note:** This does NOT create a file that is suitable to send to the LSC. Files sent to the LSC **must** be exported using ILR Export (see page 28).

To use the Export DB facility:

Step	Action						
1	On the <b>Batch Import</b> screen click the check box alongside <b>Export DB</b> . The <b>Change</b> button activates.						
2	Check the file directory displayed: <table border="1"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>You want to change the directory to which the database is to be exported</td><td>Go to step <b>3</b>.</td></tr><tr><td>You want to use this directory for the database export</td><td>Go to step <b>5</b>.</td></tr></tbody></table>	IF...	THEN...	You want to change the directory to which the database is to be exported	Go to step <b>3</b> .	You want to use this directory for the database export	Go to step <b>5</b> .
IF...	THEN...						
You want to change the directory to which the database is to be exported	Go to step <b>3</b> .						
You want to use this directory for the database export	Go to step <b>5</b> .						
3	Click <b>Change...</b>  The Select Database Export Path window displays.						
4	Select the directory for your database export and click <b>Open</b> .  You return to the Batch Import screen. The Export DB field details the location of the database export.						
5	Select the export format by using the drop-down list next to the required format.  Once the import/validate process is run you are able to view the data by opening the file from the directory selected in step 4.						

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*Continued on next page*

## Importing and Validating ILR Data, Continued

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### Running DSAT

When you export the LIS database as an Access database file you can automatically run DSAT (Data Self-assessment Toolkit) software to analyse the data and produce reports. You need to have the DSAT software installed before this operation will work.

For more information on the DSAT software refer to the DSAT page of the LSC website ([www.lsc.gov.uk/providers/data/software/DSAT](http://www.lsc.gov.uk/providers/data/software/DSAT)).

To run DSAT after exporting the LIS database:

Step	Action						
1	On the <b>Batch Import</b> screen click the <b>DSAT</b> checkbox.  <b>Note:</b> This option is only available when the Export DB option is selected and the export DB Format is Access 2000 (MDB).						
2	Check the file directory displayed: <table border="1"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>You want to change the directory where LIS will look for the DSAT software</td><td>Go to step <b>3</b>.</td></tr><tr><td>You want to use this directory</td><td>Go to step <b>5</b>.</td></tr></tbody></table>	IF...	THEN...	You want to change the directory where LIS will look for the DSAT software	Go to step <b>3</b> .	You want to use this directory	Go to step <b>5</b> .
IF...	THEN...						
You want to change the directory where LIS will look for the DSAT software	Go to step <b>3</b> .						
You want to use this directory	Go to step <b>5</b> .						
3	Click <b>Change...</b>  The Select DSAT Path window displays.						
4	Select the directory where DSAT is located and click <b>Open</b> .  You return to the Batch Import screen.						
5	The DSAT field details the location of the DSAT software.  Once the Batch Import is complete DSAT will open automatically and load the exported LIS database.						

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*Continued on next page*

## Importing and Validating ILR Data, Continued

### Select Reports

The Select Reports area of the Batch Import screen allows you to select up to four reports to be automatically produced when the batch process is run. Refer to the Running Reports section (see page 44) for a list of available reports and their descriptions.

You can choose to print the reports or save them in one of several formats.

**Note:** Reports run from Batch Import with the Format set to 'Print' are output directly to a printer. Because of the length of the reports that may be produced, it is recommended that you only print the Rule Violations Summary reports or fixed length reports, such as the Funding Claim Report, from the Batch Import screen.

To select which reports to produce:

Step	Action						
1	On the <b>Batch Import</b> screen, click the drop down arrow next to the first of the <b>Select Reports</b> fields.  The list of available reports displays.						
2	Click on the required report.  The selected report displays in the Select Reports field.						
3	Repeat steps 1 and 2 for additional reports required (up to four).						
4	Click the drop down arrow next to the <b>Format</b> field.  The list of available formats displays.						
5	Click on the required format. <table border="1" data-bbox="560 1330 1291 1753"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>You select 'Print'</td> <td>The report(s) will be sent directly to the default printer.</td> </tr> <tr> <td>You select a format that is not 'Print'</td> <td>Click the <b>Change</b> button next to the <b>Path</b> field.  Browse to the directory where the report(s) should be saved.  Click <b>Open</b>.</td> </tr> </tbody> </table>	IF...	THEN...	You select 'Print'	The report(s) will be sent directly to the default printer.	You select a format that is not 'Print'	Click the <b>Change</b> button next to the <b>Path</b> field.  Browse to the directory where the report(s) should be saved.  Click <b>Open</b> .
IF...	THEN...						
You select 'Print'	The report(s) will be sent directly to the default printer.						
You select a format that is not 'Print'	Click the <b>Change</b> button next to the <b>Path</b> field.  Browse to the directory where the report(s) should be saved.  Click <b>Open</b> .						

*Continued on next page*

## Importing and Validating ILR Data, Continued

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### Saving Defaults

The **Save Defaults** button allows you to save the selections made on the Batch Import screen (and other screens where it appears).

If you wish to save your selections as defaults, click **Save Defaults**.

**Note:** You can overwrite default selections. The next time that you click **Save Defaults** it will overwrite existing defaults with the new selections.

---

### Loading Defaults

The **Load Defaults** button allows you to recall previously saved defaults.

Click the **Load Defaults** button to recall the defaults. The Batch Import screen displays with defaults loaded.

---

### Cancel the Import/Validate Process

Click the **Cancel** button to cancel the process at any time while it is running.

**Note:** Before the process is started, and after it has run, the button is deactivated.

---

### What if the Import Process Aborts

The import process will fail if the file does not meet the requirements of the import validation rules, for example:

- The transmission number in the header does not match the transmission number in the filename.
- The provider number in the footer does not match the provider number in the filename.

If you receive an import error dialogue box, complete the following steps:

Step	Action
1	Take a note of the error message and click <b>OK</b> .  A second dialogue box displays explaining that the batch process has been aborted.
2	Click <b>OK</b> .  You return to the Batch Import screen.
3	Use LIS reports to obtain details of the error. Refer to Running Reports (see page 44).
4	Correct the error in your local MIS and import a new ILR data file. Refer to Importing and Validating ILR Data (see page 27).

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*Continued on next page*

## Importing and Validating ILR Data, Continued

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### Check the Results of the Selected Operations

Once you have run the process you are able to check the results of the operations you selected (if required).

Step	Action
1	Access the <b>Log</b> screen.  View the results of your selected operations. The most recent are at the bottom of the list. Use the vertical scroll bar if required.

---

# Viewing ILR Data

## Overview

Although you cannot amend any ILR data from within the LIS you can still view the data and search for learner information.

## Viewing ILR Data


You can view the imported ILR data using the **ILR Data Viewer** screen within LIS.

To view imported data:

Step	Action
1	<p>Access the ILR Data Viewer screen.</p> <p><b>Note:</b> No ILR data is visible at this stage.</p> <p>Refer to:</p> <ul style="list-style-type: none"><li>• Listing All Learner Records (see below)</li><li>• Searching for Learner Records (see page 35).</li></ul>

## Listing All Learner Records

To list all the learner records from the ILR Data Viewer screen:

Step	Action
1	<p>Click on the <b>All Records</b> icon  to list all records.</p> <p>A list displays on the Learners tab. The list will show all imported ILR learner records for you to view.</p> <p><b>Note:</b> If you have more than 100 learner records, only the first 100 will display. A message displays to advise you of this fact. Click on <b>OK</b> to proceed.</p> <p>You can move through the list using the navigation buttons. A scroll bar is available if all the records are not visible.</p> <p><b>Note:</b> When you are at the start or the end of the list some of the navigation buttons will be active or inactive accordingly.</p> <p>You should search by surname or learner reference to return more specific results (see below).</p>
2	<p>Click on a learner in the list.</p> <p>You will be able to view the details for the selected learner in the header fields and tab sections of the ILR Data Viewer screen. Refer to Viewing Learner Details (see page 35).</p>

*Continued on next page*


## Viewing ILR Data, cont

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### Searching for Learner Records

You can search for specific imported ILR learner records if required. When using search within LIS you can use wildcards. \* and % will enable you to search using partial information. ? can be used to represent individual characters when searching using partial information.

To search for specific ILR learner records:

Step	Action						
1	From the Enter Search Text area, use the drop down to select a search type as either Surname or Learner Ref.						
2	Enter a surname or learner reference into the Enter Search Text field, using wildcards if required.						
3	Click  to start the search. <table border="1"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>A match is found</td><td>The result will be shown in the list.  The search results will display the number of records matched and listed. The search is complete.</td></tr><tr><td>No match is found</td><td>An error message displays.  Go to step 4.</td></tr></tbody></table>	IF...	THEN...	A match is found	The result will be shown in the list.  The search results will display the number of records matched and listed. The search is complete.	No match is found	An error message displays.  Go to step 4.
IF...	THEN...						
A match is found	The result will be shown in the list.  The search results will display the number of records matched and listed. The search is complete.						
No match is found	An error message displays.  Go to step 4.						
4	Click <b>OK</b> and check your search text.						
5	Enter a valid search text using steps 1 to 3 as above.						

---

### Viewing Learner Details

When a learner has been selected from the list, or by using the search facility, it is possible to view details for the learner, any associated learning aims and rule violations. This is done using the different tab sections of the ILR Data Viewer screen. There are two levels of 'tabs' and also a header section showing key information for the selected learner.

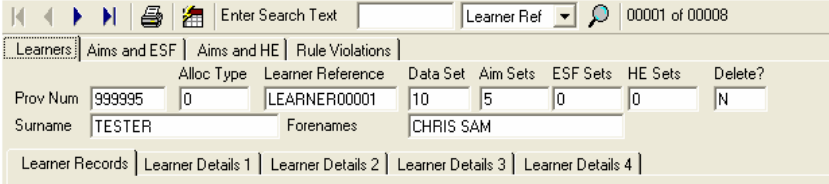
**Note:** For information about the ILR data fields and the validation rules applied by LIS, please refer to the ILR section of the LSC website at <http://www.theia.org.uk/downloads/ilrdocuments/>

To navigate around the ILR Data Viewer:

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*Continued on next page*

## Viewing ILR Data, Continued

Step	Action						
1	<p>Click on one of the top level data tabs:</p>  <p>The options available are:</p> <ul style="list-style-type: none"> <li>• Learners</li> <li>• Aims &amp; ESF</li> <li>• Aims &amp; HE</li> <li>• Rule Violations.</li> </ul> <p>For each data field displayed, to see a description of the field move the mouse over the field label.</p> <p>Once one of the tabs has been selected, a sub-set of tabs is available allowing more data to be viewed.</p>						
	<table border="1"> <thead> <tr> <th data-bbox="560 987 959 1025">IF...</th> <th data-bbox="959 987 1358 1025">THEN...</th> </tr> </thead> <tbody> <tr> <td data-bbox="560 1025 959 1272">You click on the Learner tab:</td> <td data-bbox="959 1025 1358 1272">                     The following options are available:                     <ul style="list-style-type: none"> <li>• Learner Records</li> <li>• Learner Details 1</li> <li>• Learner Details 2</li> <li>• Learner Details 3</li> <li>• Learner Details 4</li> </ul> </td> </tr> <tr> <td data-bbox="560 1272 959 1585">You click on the Aims and ESF tab:</td> <td data-bbox="959 1272 1358 1585">                     The following options are available:                     <ul style="list-style-type: none"> <li>• Aims/ESF Records</li> <li>• Aim Details 1</li> <li>• Aim Details 2</li> <li>• Aim Details 3</li> <li>• ESF Details 1</li> <li>• ESF Details 2</li> <li>• ESF Details 3.</li> </ul> </td> </tr> </tbody> </table>	IF...	THEN...	You click on the Learner tab:	The following options are available: <ul style="list-style-type: none"> <li>• Learner Records</li> <li>• Learner Details 1</li> <li>• Learner Details 2</li> <li>• Learner Details 3</li> <li>• Learner Details 4</li> </ul>	You click on the Aims and ESF tab:	The following options are available: <ul style="list-style-type: none"> <li>• Aims/ESF Records</li> <li>• Aim Details 1</li> <li>• Aim Details 2</li> <li>• Aim Details 3</li> <li>• ESF Details 1</li> <li>• ESF Details 2</li> <li>• ESF Details 3.</li> </ul>
IF...	THEN...						
You click on the Learner tab:	The following options are available: <ul style="list-style-type: none"> <li>• Learner Records</li> <li>• Learner Details 1</li> <li>• Learner Details 2</li> <li>• Learner Details 3</li> <li>• Learner Details 4</li> </ul>						
You click on the Aims and ESF tab:	The following options are available: <ul style="list-style-type: none"> <li>• Aims/ESF Records</li> <li>• Aim Details 1</li> <li>• Aim Details 2</li> <li>• Aim Details 3</li> <li>• ESF Details 1</li> <li>• ESF Details 2</li> <li>• ESF Details 3.</li> </ul>						
	<table border="1"> <tbody> <tr> <td data-bbox="560 1599 959 1877">You click on the Aims &amp; HE tab:</td> <td data-bbox="959 1599 1358 1877">                     The following options are available:                     <ul style="list-style-type: none"> <li>• Aim/HE Records</li> <li>• Aim Details 1</li> <li>• Aim Details 2</li> <li>• Aim Details 3</li> <li>• HE Details 1</li> <li>• HE Details 2.</li> </ul> </td> </tr> <tr> <td data-bbox="560 1877 959 1944">You click on the Rule Violations tab:</td> <td data-bbox="959 1877 1358 1944">The Rule Violations screen displays.</td> </tr> </tbody> </table>	You click on the Aims & HE tab:	The following options are available: <ul style="list-style-type: none"> <li>• Aim/HE Records</li> <li>• Aim Details 1</li> <li>• Aim Details 2</li> <li>• Aim Details 3</li> <li>• HE Details 1</li> <li>• HE Details 2.</li> </ul>	You click on the Rule Violations tab:	The Rule Violations screen displays.		
You click on the Aims & HE tab:	The following options are available: <ul style="list-style-type: none"> <li>• Aim/HE Records</li> <li>• Aim Details 1</li> <li>• Aim Details 2</li> <li>• Aim Details 3</li> <li>• HE Details 1</li> <li>• HE Details 2.</li> </ul>						
You click on the Rule Violations tab:	The Rule Violations screen displays.						

# Deriving Data

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## Overview

LIS 16.02 contains the derived data calculations. Derived data (derived variables) are calculated for several reasons:

- They are used by the LIS in the preparation of reports and for the funding calculations.
- They allow consistency of definitions between local LSC offices and providers.
- Providers can use the derived variables for their own reporting purposes.

Only valid learners are passed to this module. LR, UFI and ER learners can be validated against the funding subset of the validation rules. All other learner types must be fully validated.

---

## Calculating Derived Data

To run the derived data calculations:

Step	Action
1	Access the <b>Calculate Derived Data</b> screen.  Click <b>Derive Data</b> to run the derived data calculation.  <b>Cancel</b> will stop the calculation while it is in progress.

---

# Calculating Funding Data

---

## Overview

The funding calculations allow:

- ER providers to calculate the ER funding generated by their ILR data, based upon their validated ILR returns
- LR providers to calculate the LR funding generated by their ILR data, based upon their validated ILR returns
- the LSC to use the same algorithms as providers to calculate ER and LR funding based on the ILR returns transmitted throughout the year.

You can run the funding calculations using either:

- Batch Import screen
- Calculate Funding Data screen.

The ER funding calculation option is not available for LR, ACL, ESF SR or UFI files. The LR funding calculation option is not available for ER, ACL or ESF SR files.

Before calculating funding, ILR data must be imported and validated. The funding calculation module uses learners that pass the funding rule subset of the validation rules, regardless of the type of validation chosen.

To run the funding calculations from the Batch Import screen, refer to Using Batch Import, page 21. Using the Calculate Funding Data screen is described below.

**Note:** When calculating funding within LIS, ensure you are using the latest provider data tables. The provider data tables contain Provider UPINs, Provider names, Provider Factors, Additional Learning Support values, Transitional Funding rates, Long Term Residential Statuses. Provider data updates are available to download from the LSC website's LIS page. To update provider data tables using the downloaded file, refer to Updating LIS Data (see Maintaining LIS Options page 64).

Differences in funding calculation results between LIS and Online Data Capture usually arise due to one of the following situations:

- Changes to the LAD between the live LAD (used by Online Data Capture) and the downloaded version linked to the local LIS.
- The version of the LIS being used locally is not the most recent for the teaching year.
- The LIS calculates funding for all learners who are funding rule valid. Provider Batch only calculates funding for fully-valid learners.
- The ILR file run through LIS is different from the file sent to the portal.

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*Continued on next page*

## Calculating Funding Data, Continued

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### Calculating Funding

To calculate funding, first import and validate your ILR data file, then complete the funding calculation:

Step	Action		
1	Access the <b>Calculate Funding Data</b> screen.		
2	<p>Click <b>Calculate LR</b> or <b>Calculate ER</b>. The LIS runs the funding calculations by:</p> <table border="1"><tbody><tr><td><ul style="list-style-type: none"><li>• Exporting learner and aim data</li><li>• Exporting calculations, lookups and census dates</li><li>• Calculating funding</li></ul></td><td><ul style="list-style-type: none"><li>• Importing calculation results</li><li>• Importing calculation steps</li><li>• Importing calculation errors.</li></ul></td></tr></tbody></table> <p>Click <b>Cancel</b> to abort the calculation. On successfully completing the calculations a confirmation message displays.</p>	<ul style="list-style-type: none"><li>• Exporting learner and aim data</li><li>• Exporting calculations, lookups and census dates</li><li>• Calculating funding</li></ul>	<ul style="list-style-type: none"><li>• Importing calculation results</li><li>• Importing calculation steps</li><li>• Importing calculation errors.</li></ul>
<ul style="list-style-type: none"><li>• Exporting learner and aim data</li><li>• Exporting calculations, lookups and census dates</li><li>• Calculating funding</li></ul>	<ul style="list-style-type: none"><li>• Importing calculation results</li><li>• Importing calculation steps</li><li>• Importing calculation errors.</li></ul>		
3	Click <b>OK</b> . The calculations are complete.		

---

# Viewing Funding Data

---

## Overview

There are several ways to view the results of the funding calculation:

- Use the ER or LR Funding Viewer
- Run funding reports
- Examine the funding tables in an export of the LIS database.


There are various funding reports to choose from that show different summaries of funding data. They are described in the Running Reports section (see page 44).

---

## Listing All Funding Data

You can list the funding data for all imported learners.

To list all the data from the ER or LR Funding Viewer screen:

Step	Action
1	Access the <b>Funding Viewer</b> screen (either <b>ER</b> or <b>LR</b> ).  No learner data is visible at this stage.
2	Click on the <b>All Records</b> icon  to list all records.  A list displays on the Learners tab and shows the first 100 imported learner records for you to view. Move through the list using the navigation buttons.  Use the filter for learner surname and learner reference to return specific results (see below).
3	Click on a learner in the list.  View the details for the selected learner in the header fields and in the tab sections of the Funding Viewer screen. Refer to Viewing Funding Data, page 41.

*Continued on next page*

## Viewing Funding Data, Continued

### Searching for a Learner's Funding Data

You can search for funding data for a specific learner if required. When using search within LIS you can use wildcards. \* will enable you to search using partial information. ? can be used to represent individual characters when searching using partial information.

To search for the funding data for a specific learner:

Step	Action						
1	From the Enter Search Text area, use the drop down to select a search type as either Surname or Learner Reference.						
2	Enter a surname or learner reference into the Enter Search Text field, using wildcards if required.						
3	Click the magnifying glass to start the search. <table border="1" data-bbox="561 766 1423 1057"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>A match is found</td> <td>The result shows in the list.  The search results display the number of records matched and listed. The search is complete.</td> </tr> <tr> <td>No match is found</td> <td>An error message displays. Go to step 4.</td> </tr> </tbody> </table>	IF...	THEN...	A match is found	The result shows in the list.  The search results display the number of records matched and listed. The search is complete.	No match is found	An error message displays. Go to step 4.
IF...	THEN...						
A match is found	The result shows in the list.  The search results display the number of records matched and listed. The search is complete.						
No match is found	An error message displays. Go to step 4.						
4	Click <b>OK</b> and check your search text.						
5	Enter a valid search text using steps 1 to 3 as above.						

### Viewing Funding Data

The Funding Viewer screen has a series of tabs, with different sub-sets of data. The tabs available depend on which Funding Viewer is used (ER or LR). Key information is displayed in the header section. All information is read-only.

To navigate around the Funding Viewer screen:

Step	Action
1	Click on one of the tabs: <ul style="list-style-type: none"> <li>• Learners</li> <li>• Aims</li> <li>• Lookups</li> <li>• SLN (SLN Inst for ER)</li> <li>• Cash</li> <li>• Calculation Variables</li> <li>• Errors</li> </ul> <p>Once a tab has been selected, a further subset of tabs allows more data to be viewed.</p>

*Continued on next page*

## Viewing Funding Data, Continued

Step	Action	
	<b>IF...</b>	<b>THEN...</b>
	You click on the Learners tab	A list of learner records is available.
	You click on the Aims tab	Aim details for the selected learner are available.
	You click on the LAD Lookups tab	Funding details from the LAD about the learning aims are available.
	You click on the SLN tab – only available on the LR Funding Viewer	<p>The following options are available:</p> <ul style="list-style-type: none"> <li>• Aim SLN (Inc E2E): This shows the annualised SLN for the aim and the start period, in which it is awarded.</li> <li>• E2E Programme SLN: This shows the amount of SLN calculated by the LIS for each period of active learning.</li> <li>• E2E Bonus SLN: This shows the E2E Bonus SLNs generated by the learner's activity and the period(s) in which they occur.</li> <li>• Summary: This shows a sum of the previous three groups split by period.</li> </ul>
	You click on the SLN Inst tab – only available on the LR Funding Viewer	<ul style="list-style-type: none"> <li>• On Programme SLN Inst: This is the amount of SLN calculated by the LIS in instalments for each period of active learning.</li> <li>• Achievement SLN Inst: This shows the Achievement SLN and the period in which it is awarded.</li> <li>• Balancing SLN Inst: When a learner achieves before the planned end date then a remaining balance of on-programme SLN instalments still need to be awarded. This tab shows details that where it exists.</li> <li>• Totals: This shows a sum of the previous three groups split and summed by period.</li> </ul>

*Continued on next page*

Step	Action	
	<b>IF...</b>	<b>THEN...</b>
	You click on the Cash tab in the ER Funding Viewer	The following values are shown in a table arranging aim values and with totals by period: <ul style="list-style-type: none"> <li>• On Programme (£).</li> <li>• Achievement (£).</li> <li>• Balancing (£).</li> <li>• ALS (£).</li> <li>• Totals (£)</li> </ul>
	You click on the Cash tab in the LR Funding Viewer	The following values are shown in a table arranging aim values and with totals by period: <ul style="list-style-type: none"> <li>• Programme Cash (£).</li> <li>• ALS (£).</li> <li>• Totals (£).</li> </ul>
	You click on the Calculation Variables tab	<ul style="list-style-type: none"> <li>• This screen shows the steps in the funding calculation for the learner selected, it is the fields from the LRFundingAim table (for LR) or the ERFundingAim table (for ER) from the LIS mdb.</li> </ul>
	You click on the Errors tab	This screen shows any Rule Violations or Calculation Errors for the learner selected.

# Running Reports

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## Overview

You can run reports from the:

- Batch Import screen
- Report Manager screen.

For running reports from the Batch Import screen refer to Importing and Validating ILR Data, Select Reports (see page 31).

The Batch Import screen will output reports directly to a printer, whereas the Report Manager screen will output to a window for viewing, printing or exporting.

Validation reports are available for all collection types. LR funding reports are only available for LR and UFI collection types. ER funding reports are only available for the ER collection type.

---

## Available Reports – validation

- The **Rule Violations** report – lists any ILR rule violations produced during the validation process.
- The **Rule Violations by LSC** report – lists any ILR rule violations produced during the validation process, grouped by local LSC.
- The **Rule Violations Summary** report – will output, for each validation error generated during the validation process, a count of the number of instances found in the ILR data.
- The **Rule Violations Summary by LSC** report – will output, for each validation error generated during the validation process, a count of the number of instances found in the ILR data, grouped by local LSC.
- The **Full ILR Validation Rules** report – lists all ILR validation rules used by the LIS.

All violations reports include a summary box which details the total number of data records, the total number of invalid and valid learners according to rule type (full or funding-only) and a count of the aims for each funding stream value. (This count is based on ILR field A10.)

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*Continued on next page*

## Running Reports, Continued

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### Available Reports – LR funding

- The **Summary of LR DLF by Learner** report summarises funding for every learner reference.
- The **Summary of Learner Responsive Funding** report outputs the total funding for a provider classified by period and category.
- The **Volume and Cash Summary by Aim** report outputs the total funding for a provider classified by period, category and separates the funding calculated purely for disadvantage uplift.
- The **LR Detailed Learner and Aim Funding** report shows selected ILR data and funding totals for each learner and aim. This report shows one learner and one aim per page. Filtering by learner produces reports of individual learner records only; providers may prefer this option when printing this report.
- The **LR DLF Calculation Errors** report outputs a summary report for all funding calculation errors in the ILR file.
- The **On-Site Guided Learning Hours** report lists the on-site daytime expected guided learning hours, the number of learners with greater than 1200 guided learning hours and the total learner numbers.
- The **LR ILR Form** report is an ILR form populated from data in the imported ILR data file

### Available Reports – ER funding

- The **Summary of LR DLF by Learner** report summarises funding for every learner reference.
- The **Summary of ER DLF in File** report outputs the total funding for a provider classified by period and category.
- The **ER Detailed Learner and Aim Funding** report shows selected ILR data and funding totals for each learner and aim. This report shows one learner and one aim per page. Filtering by learner produces reports of individual learner records only; providers may prefer this option when printing this report.
- The **ER DLF Calculation Errors** report outputs a summary report for all funding calculation errors in the ILR file.
- The **ER ILR Form** report is an ILR form populated from data in the imported ILR data file.
- The **ER Indicative Volume and Cash Summary** report shows a breakdown of funding and volumes by programme type, framework code, SSA types and LLSC.

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*Continued on next page*

## Running Reports, Continued

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### Available Exports

In Report Manager two export options appear in the same list as the reports:

- The **ER, LR and ASL Learner Export** exports ILR learner data from LIS in a format that providers can use (for example, in Excel). The export includes ILR, derived variable and funding information.
- The **ER, LR and ASL Aim Export** exports ILR aim data from LIS in a format that providers can use (for example, Excel). The export includes ILR, derived variable and funding information
- The **ER DLF Calculation Variables** export is comprised of the fields in the ERFundingAim table from the LIS.mdb.
- The **LR DLF Calculation Variables** export is comprised of the fields in the LRFundingAim table from the LIS.mdb.
- The **ER Indicative Occupancy List Export** enables users to use their imported ILR data to analyse an indicative occupancy list.

The content of these exports depends on the collection type of the imported data. All collection types except ESF SR have both learner and aim exports.

---

### Selecting and Running a Report

The Report Manager enables you to select, run, print and export available reports.

You can only run a single report at a time from Report Manager. If you would like to run multiple reports simultaneously you should use the Batch Import screen.

To use Report Manager to select and run a report:

Step	Action
1	Access the <b>Report Manager</b> screen.
2	From the list of <b>Available Reports</b> select the one you require by clicking on the report. On selection the report will be highlighted.  <b>Note:</b> The available filters will change in the lower area of the screen as you select a report from the list.  For more details on filters, see Using Filters in Reports (see below).

3

Click on the **Run Report** button. The report output displays in a print preview window.

The toolbar at the top of the report window enables you to:

- Zoom the view and navigate through the report pages.
- Print or export the report output.



Refer to:

- Printing a Report (see page 50)
- Exporting a Report (see page 51).

---

*Continued on next page*

## Running Reports, Continued

### Using Filters in Reports

Filters are used to restrict the amount of data returned in the report. They are used when you are interested in a specific record or group of records. The filters vary for each report and are displayed when a report is highlighted in the list.

There are no limitations on the number of filters you can use per report. However, the values used should be valid or your report output will be affected. It is useful to use filters when reporting on large sets of data.

You may use wildcards (\*, % or ?) when populating filter fields.

**Note:** Filtered reports can also be run using the print icon from the ILR Data Viewer screen, which will pre-populate the filters with the information for the selected learner.

### Available Filters for Reports

There are a number of filters available for use when running reports. The filters vary from report to report. The following table shows a list of reports which use filters, and which filters are available for each:

Report Name	Available Filters											
	Learner Ref	Rule Name	Funding Rule	Warning	Provider Specified Learner Data (1) & (2)	Provider Specified Aim Data (1) & (2)	Error Code	Learning Aim Reference	Period	LLSC Number	Name	
Rule Violations (& by LSC)	•	•	•	•	•	•						
Rule Violations Summary (& by LSC)			•	•								
Full ILR Validation Rules		•	•	•								•
ER Detailed Learner and Aim Funding	•				•							
LR Detailed Learner and Aim Funding	•				•							
Summary of ER DLF by Learner	•				•							
Summary of LR DLF by Learner	•				•							
LR Volume and Cash Summary by Aim						•		•				
ER Indicative Volume and Cash Summary by LSC	•				•				•			
ER Indicative Occupancy List										•		
ER DLF Calculation Errors	•						•					
LR DLF Calculation Errors	•						•					
ER ILR Form Report	•											
LR ILR Form Report	•											

*Continued on next page*

## Running Reports, Continued

**Recommended Field Values for Filtering** The following table describes the valid values you can use for each of the filter fields in the reports:

Filter Name	Acceptable Value
Learner Reference	Full/partial Learner Reference Number.
Rule Name	Full/partial rule name (listed on Validation Rules screen).
Funding Rule	Can use either Y or N depending upon if you are filtering for an FE funding rule or not. Y returns results where the rule is a funding rule; N returns results where the rule is not a funding rule.
Warning	Can use either Y (for warnings) or N (for errors).
Provider Specified Learner Data (1)	Uses a reference number or part of one. (Refer to the ILR Field Specification document, which describes the use of this field, L42.)
Provider Specified Learner Data (2)	Uses a reference number or part of one. (Refer to the ILR Field Specification document, which describes the use of this field, L42.)
Provider Specified Aim Data (1)	Uses a reference number or part of one. (Refer to the ILR Field Specification document, which describes the use of this field, A48.)
Provider Specified Aim Data (2)	Uses a reference number or part of one. (Refer to the ILR Field Specification document, which describes the use of this field, A48.)
Period	Period 1 to 12, where August = Period 1, September = period 2; etc.
Error code	Calculation error code.
Learning Aim Reference	Full/partial (using wildcards) learning aim reference.
LLSC Number	The Local LSC associated with the learner in ILR field L25.
Name	The validation rule name, allows specific validation rules to be selected for the report.

### Running Filtered Reports

To use filters in your report follow the steps below:

Step	Action
1	Access the <b>Report Manager</b> screen.
2	Select the required report from the <b>Available Reports</b> list.
3	If you want to remove all values entered in the filter fields of the report, click the <b>Clear Filters</b> button.
4	Enter a valid value in the filter field for the filter you want to use. Repeat for as many filters as required.
5	Click the <b>Run Report</b> button. The report output displays in a print preview window.  The report output can now be printed or exported. Refer to Printing a Report (see page 50) or Exporting a Report (see page 51).

## Printing a Report

You can print reports using:


- Batch Import screen
- Report Manager.

When you choose to print reports from the Batch Import screen the report output is sent direct to the default printer. This should be used with caution as some reports are several hundred pages long.

When using Report Manager the report output displays on screen first and then you can send the report to print if required.

Reports can also be exported and printed using another application. Exported reports can be saved for printing at a later date.

The following steps describe how to print your report from Report Manager.

Step	Action
1	From <b>Report Manager</b> select a report, set any required filters and click the <b>Run Report</b> button.  The report output displays in the print preview window.
2	Click <b>Print</b>  from the top of the report output window. The Print dialogue box displays.  Select the printer, the print range for the number of pages to print, and the number of copies required and ensure the collate copies option is correctly set.
3	Click <b>OK</b> . The report output is printed at the chosen printer.  <b>Cancel</b> will close the print dialogue box and not print the output.


## Running Reports, Continued

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### Exporting a Report

It is possible to export report outputs to a variety of formats.

To export your report output:

Step	Action
1	From <b>Report Manager</b> select a report, set any required filters and click the <b>Run Report</b> button.  The report output displays in the print preview window.
2	Click <b>Export</b>  from the top of the report output window. The Export dialogue box appears.
3	Select a <b>Format</b> from the drop down list. The default format is PDF. Use the vertical scroll bar to see the whole list.
4	Select a <b>Destination</b> from the drop down list. The default is to save the item to disk.
5	Click <b>OK</b> .  The Export Options dialogue box displays.
6	Select the page range of the report you are exporting.  The default is to export the whole report.
7	Click <b>OK</b> .  The Choose export file dialogue box displays. You may change the location, file name or format of the exported report if required.
8	Click <b>Save</b> .  The report will be exported to the specified location. You can view the report from that location by accessing the exported report file using Windows Explorer or an appropriate application.

---

# Exporting ILR Data

---

## Overview

This facility exports the ILR data ready for transmission to the LSC using the Provider Batch capture process.

To export your ILR data from LIS you can use the:

- Batch Import screen
- Export ILR File screen.

**Note:** The Export ILR file feature will export valid ILR data ONLY. Invalid records WILL NOT be exported. The export file may not be a reflection of the originally imported ILR data file.

It is therefore important that you ONLY export the ILR data when all errors have been corrected and the file has been fully validated through the LIS.

The Batch Import screen allows you to select an operation to export validated ILR data as part of the import/validate process, or separately. Refer to the Export ILR section of Importing and Validating ILR Data (see page 28).

---

## Exporting ILR Data using ILR Export

You can export ILR data using the **Export ILR File** screen.

The user can choose the export file path but there is also functionality to allow the export of an ILR file to 1.44MB floppy disks. This function is still present, but is now obsolete as the LSC no longer supports this data collection route.

To export ILR data using the Export ILR File screen:

Step	Action
1	Access the <b>Export ILR File</b> screen.  The fields on this screen are mainly read-only. They are populated with information from the imported file.
2	You may choose to change the <b>Data Type</b> by selecting one of the radio buttons. This will be set by default from the imported data file.

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*Continued on next page*

## Exporting ILR Data, Continued

3	<table border="1"> <thead> <tr> <th data-bbox="563 394 959 439">IF...</th> <th data-bbox="959 394 1361 439">THEN...</th> </tr> </thead> <tbody> <tr> <td data-bbox="563 439 959 544">You would like to export to a file on your PC's hard disk</td> <td data-bbox="959 439 1361 544">Make sure the "<b>Export to Floppy Diskettes?</b>" check box is not ticked.</td> </tr> <tr> <td data-bbox="563 544 959 680">You would like to run the report showing funding included and excluded by the export</td> <td data-bbox="959 544 1361 680">Click the <b>Run report showing funding included and excluded by ILR export</b> check box.</td> </tr> <tr> <td data-bbox="563 680 959 748">You would like to load defaults</td> <td data-bbox="959 680 1361 748">Click the <b>Load defaults</b> button.</td> </tr> <tr> <td data-bbox="563 748 959 815">You would like to save defaults</td> <td data-bbox="959 748 1361 815">Click the <b>Save defaults</b> button.</td> </tr> <tr> <td data-bbox="563 815 959 882">You click <b>Cancel</b>.</td> <td data-bbox="959 815 1361 882">The export process is aborted.</td> </tr> <tr> <td data-bbox="563 882 959 936"></td> <td data-bbox="959 882 1361 936"></td> </tr> </tbody> </table>	IF...	THEN...	You would like to export to a file on your PC's hard disk	Make sure the " <b>Export to Floppy Diskettes?</b> " check box is not ticked.	You would like to run the report showing funding included and excluded by the export	Click the <b>Run report showing funding included and excluded by ILR export</b> check box.	You would like to load defaults	Click the <b>Load defaults</b> button.	You would like to save defaults	Click the <b>Save defaults</b> button.	You click <b>Cancel</b> .	The export process is aborted.		
IF...	THEN...														
You would like to export to a file on your PC's hard disk	Make sure the " <b>Export to Floppy Diskettes?</b> " check box is not ticked.														
You would like to run the report showing funding included and excluded by the export	Click the <b>Run report showing funding included and excluded by ILR export</b> check box.														
You would like to load defaults	Click the <b>Load defaults</b> button.														
You would like to save defaults	Click the <b>Save defaults</b> button.														
You click <b>Cancel</b> .	The export process is aborted.														
4	Click on the <b>Change...</b> button to select a different <b>Export Area</b> . Select an <b>Export Area</b> path and click <b>Open</b> .														
5	Click on the <b>Export</b> button.  The export begins and a confirmation prompt appears.														
6															

# Reconciliation

## Overview

The reconciliation process ensures that where a learner studies in two or more successive teaching years, the learner is included in the subsequent year's ILR. Reconciliation is only required for LR and UFI collection types.

From two different ILR returns, the LIS identifies records for learners on the earlier return (for example ILR F04 or U04 for 2007/08) which are expected to be included on the later return (for example ILR F01 or U01 for 2008/09). Where records are not present as expected an entry is produced on a reconciliation list.

Please note that the Reconciliation functionality in LIS 16.02 uses the same methodology as in previous years; there has been no change to include transitional learners within the Demand Led Funding methodology. Learners in an earlier ILR file but who are missing from a later ILR are still counted by comparing ILR fields L03, L09, L10 and their continuation status as recorded in A34.

Different providers can be selected for each of the files input for reconciliation. This allows for provider number changes between teaching years.

Reconciliation can be run for:

- Mode F04/F01 or U04/U01 – between 2007/08 F04/U04 and 2008/09 F01/U01 files.
- Mode F05/F01 or U05/U01 – between 2007/08 F05/U05 and 2008/09 F01/U01 files.

## Preparing to Reconcile your ILR Data

To reconcile ILR data follow the steps below:

Step	Action						
1	Access the <b>Reconciliation</b> screen.						
2	Ensure that the <b>Provider 1</b> and <b>2</b> fields display the correct provider number and name for the ILR data you wish to reconcile.  <b>Note:</b> If the provider number does not match the provider reference within the ILR file name, the reconciliation process will be unsuccessful. <table border="1"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>The provider numbers and names are <b>not</b> correct</td><td>Go to step <b>3</b> below.</td></tr><tr><td>The provider numbers and names <b>are</b> correct</td><td>Go to step <b>6</b>.</td></tr></tbody></table>	IF...	THEN...	The provider numbers and names are <b>not</b> correct	Go to step <b>3</b> below.	The provider numbers and names <b>are</b> correct	Go to step <b>6</b> .
IF...	THEN...						
The provider numbers and names are <b>not</b> correct	Go to step <b>3</b> below.						
The provider numbers and names <b>are</b> correct	Go to step <b>6</b> .						
3	Click the <b>Change</b> button adjacent to the <b>Provider 1</b> field boxes.  The Provider Selection box displays showing a list of provider numbers and names in alphabetical order.						

*Continued on next page*

## Reconciliation, Continued

Step	Action						
4	<p>To find your provider name, type the first few characters of the name into the <b>Find</b> field. The list scrolls as you type until the provider name matches the characters typed.</p> <p>You can also search by entering the whole provider number in the Find field. Alternatively, use the vertical scroll bar to scroll to your provider name and number.</p> <p>Highlight the entry in the list. Click <b>OK</b>.</p>						
5	<p>Click the <b>Change</b> button adjacent to the <b>Provider 2</b> field boxes.</p> <p>Follow steps <b>3 – 4</b> above.</p>						
6	<p>Select the <b>Mode</b> of reconciliation:</p> <ul style="list-style-type: none"> <li>• F04/F01 or U04/U01</li> <li>• F05/F01 or U05/U01</li> </ul>						
7	<p>When selecting a file for reconciliation:</p>						
	<table border="1"> <thead> <tr> <th data-bbox="563 913 963 954">IF...</th> <th data-bbox="963 913 1358 954">THEN...</th> </tr> </thead> <tbody> <tr> <td data-bbox="563 954 963 1126"> <p>This is the first time you have selected a file for reconciliation</p> </td> <td data-bbox="963 954 1358 1126"> <p>The <b>Files selected to reconcile</b> fields will be blank.</p> <p>Go to step <b>8</b>.</p> </td> </tr> <tr> <td data-bbox="563 1126 963 1328"> <p>A file has been reconciled previously</p> </td> <td data-bbox="963 1126 1358 1328"> <p>The fields will contain those details.</p> <p>They can be removed using the <b>Delete Files</b> facility as described in step <b>11</b>.</p> </td> </tr> </tbody> </table>	IF...	THEN...	<p>This is the first time you have selected a file for reconciliation</p>	<p>The <b>Files selected to reconcile</b> fields will be blank.</p> <p>Go to step <b>8</b>.</p>	<p>A file has been reconciled previously</p>	<p>The fields will contain those details.</p> <p>They can be removed using the <b>Delete Files</b> facility as described in step <b>11</b>.</p>
IF...	THEN...						
<p>This is the first time you have selected a file for reconciliation</p>	<p>The <b>Files selected to reconcile</b> fields will be blank.</p> <p>Go to step <b>8</b>.</p>						
<p>A file has been reconciled previously</p>	<p>The fields will contain those details.</p> <p>They can be removed using the <b>Delete Files</b> facility as described in step <b>11</b>.</p>						
8	<p>Click the <b>Add Files...</b> button in the Reconciliation File 1 area. The <b>Select ILR file to reconcile</b> window displays.</p> <p>Navigate to the directory that contains the ILR file to be reconciled and select the file. Only one file can be added.</p> <p><b>Note:</b> If an incorrect provider, collection type or collection period have been selected, or if the file is not named correctly, the files will <b>not</b> be visible.</p>						
9	<p>Click <b>Open</b>.</p> <p>You return to the <b>Reconciliation</b> screen. The <b>Reconciliation File 1 – Files selected to reconcile</b> field displays details of the file selected for reconciliation.</p> <p><b>Note:</b> Any ILR data already present within LIS will be deleted when the new data is imported. LIS copies the ILR data file selected – the original file is not affected.</p>						

*Continued on next page*

## Reconciliation, Continued

Step	Action
10	Click the <b>Add Files...</b> button in the <b>Reconciliation File 2</b> area and follow steps <b>8 – 9</b> .
11	You can delete the files from the <b>Files selected to reconcile</b> fields. Select the file you wish to delete. Click <b>Delete Files</b> and the file will be removed from the field.

### Exporting Reconciled Data

Within the **Operations** area of the Reconciliation screen you have the facility to export the reconciled data to a location in your directory or on to floppy diskettes.

To export the file to a folder on your PC, follow the steps below:

Step	Action						
1	In the <b>Operations</b> area of the <b>Reconciliation</b> screen. <table border="1" data-bbox="560 882 1361 1133"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>You want to change the directory to which the reconciliation data exports</td> <td>Go to step <b>2</b>.</td> </tr> <tr> <td>If you want the directory for the reconciliation export to remain the same</td> <td>Go to step <b>4</b>.</td> </tr> </tbody> </table>	IF...	THEN...	You want to change the directory to which the reconciliation data exports	Go to step <b>2</b> .	If you want the directory for the reconciliation export to remain the same	Go to step <b>4</b> .
IF...	THEN...						
You want to change the directory to which the reconciliation data exports	Go to step <b>2</b> .						
If you want the directory for the reconciliation export to remain the same	Go to step <b>4</b> .						
2	Click <b>Change....</b> The <b>Select Export File Path</b> window displays.						
3	Use the explorer window to navigate to and select the directory for your reconciliation data export and click <b>OK</b> .  You return to the <b>Reconciliation</b> screen and the details of the directory selected for the reconciliation export display.						
4	You can also export to a floppy diskette(s) if required. A disk must be inserted into the drive. Click the <b>Export to floppy</b> checkbox.  Once the first diskette is full, LIS displays a message informing you how many diskettes are required to complete the export.  <b>Note:</b> The LIS can not burn a file to CD.						

### Reconciliation Report

At the time of export you may wish to run the Reconciliation Report:

Step	Action
1	Click the <b>Reconciliation Report</b> checkbox in the Operations section of the screen.  The report will be output to the default printer.

*Continued on next page*

## Reconciliation, Continued

IF...	THEN...
No printer is available	A suitable error message appears. Click <b>OK</b> to clear and the process will be cancelled.
The report is over 500 entries	A message will appear asking if you wish to print the report now or later.

The report output is stored in the LIS database and can be printed from the **Report Manager** at any time after the reconciliation has been performed, until a new reconciliation is run and the stored data replaced.

For running reports from the Batch Import screen refer to Select Reports (see page 31).

### Running the Reconciliation Process

To start the reconciliation process:

Step	Action								
1	<p>Click the <b>Reconcile</b> button. The process starts. Status and progress appear.</p> <table border="1"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>You receive an import error message</td> <td>Click <b>OK</b> to clear. The reconciliation process aborts.</td> </tr> <tr> <td>The process is aborted for any reason</td> <td>A dialogue box will appear with the message <b>The Reconciliation process has aborted.</b>  Click <b>OK</b> to close the box.</td> </tr> <tr> <td>LIS confirms that the process has completed successfully</td> <td>Click <b>OK</b> to close the box.</td> </tr> </tbody> </table> <p>The imported data files and output data file are stored in separate tables in the LIS database. On subsequent reconciliation operations, the stored data is automatically deleted and replaced by the new data.</p>	IF...	THEN...	You receive an import error message	Click <b>OK</b> to clear. The reconciliation process aborts.	The process is aborted for any reason	A dialogue box will appear with the message <b>The Reconciliation process has aborted.</b>  Click <b>OK</b> to close the box.	LIS confirms that the process has completed successfully	Click <b>OK</b> to close the box.
IF...	THEN...								
You receive an import error message	Click <b>OK</b> to clear. The reconciliation process aborts.								
The process is aborted for any reason	A dialogue box will appear with the message <b>The Reconciliation process has aborted.</b>  Click <b>OK</b> to close the box.								
LIS confirms that the process has completed successfully	Click <b>OK</b> to close the box.								

### Cancelling the Reconciliation Process

Click the **Cancel** button to cancel the process at any time while it is running. Before the process is started, and after it has run, the button is de-activated.

### Delete Reconciliation Data

The stored reconciliation data can be manually deleted via the Menu option **Delete Reconciliation Data** in the **Data** menu.

Click **Yes** to confirm the deletion.

# Validation Rules

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## Overview

LIS uses a set of validation rules, in conjunction with the LAD and other lookup data, to validate the imported ILR data. Using LIS series 16 your ILR data will be validated against a version of the 2008/09 validation rules.

You can find out which version of the validation rules are used (refer to the Viewing Version Information section on page 64).

For details about the validation rules and the amendments since previous releases, please refer to the ILR pages of the Information Authority website: <http://www.theia.org.uk/downloads/ilrdocuments/>

---

## Listing all Validation Rules

It is possible to list all the validation rules applied by the LIS by accessing the **Validation Rules** screen.

To list all the validation rules:

Step	Action
1	Access the <b>Validation Rules</b> screen.
2	Use the scroll bar to move up and down the list and view the rules.

---

## Viewing Validation Rule Properties

You can view additional information for each validation rule listed in the Validation Rules screen.

To view properties for a selected validation rule:

Step	Action
1	Scroll the list to find the rule you are searching for and double click the rule.  The <b>Validation Rule Properties</b> dialogue box displays.
2	Once you are finished, click <b>Cancel</b> .  The dialogue box closes and returns to the Validation Rules screen.

---

## Reports showing Full ILR Validation Rules

The **Full ILR Validation Rules** report lists the validation rules. To run this report, follow the procedure described in the Running Reports section of this user guide (see page 44).

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# Maintaining LIS Options

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## Overview

There are several options which may need to be viewed and/or maintained from within the LIS. They are accessed from the **Options** screen.

---

## Viewing Status Information

You can view status information for the data you have imported into LIS:

Step	Action
1	<p>Access the <b>Options</b> screen. Click on the <b>Status Information</b> tab if this is not displayed by default.</p> <p>The status information displays. From this screen you can view:</p> <ul style="list-style-type: none"><li>• the selected provider</li><li>• details for the most recently completed processes</li><li>• the number of learners imported.</li></ul>
2	<p>If you want to see a list of processes that have taken place, click the <b>Show History</b> check box at the bottom of the screen.</p> <p>The history information displays.</p>

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*Continued on next page*

## Maintaining LIS Options, Continued

### Maintenance Options

The Maintenance tab within Options allows you to carry out some maintenance tasks within LIS:

Step	Action												
1	<p>Access the <b>Options</b> screen. Click the <b>Maintenance</b> tab.</p> <p>The Maintenance tab offers the following options:</p> <ul style="list-style-type: none"> <li>• Provider Selection</li> <li>• Truncate Log</li> <li>• Clear Locks</li> <li>• Compact DB</li> <li>• Update Data.</li> </ul>												
2	<p>Click on a button to conduct a specific operation.</p> <table border="1" data-bbox="560 772 1358 1368"> <thead> <tr> <th data-bbox="560 772 959 817">IF...</th> <th data-bbox="959 772 1358 817">THEN...</th> </tr> </thead> <tbody> <tr> <td data-bbox="560 817 959 920">You wish to change your provider</td> <td data-bbox="959 817 1358 920">Click on the <b>Provider...</b> button. Go to Change the Provider (see page 23).</td> </tr> <tr> <td data-bbox="560 920 959 1023">You wish to truncate the log file</td> <td data-bbox="959 920 1358 1023">Click on the <b>Truncate Log</b> button. Go to Truncating the Log (see page 61).</td> </tr> <tr> <td data-bbox="560 1023 959 1126">You wish to clear locks</td> <td data-bbox="959 1023 1358 1126">Click on the <b>Clear Locks</b> button. Go to Clearing Locks (see page 62).</td> </tr> <tr> <td data-bbox="560 1126 959 1261">You wish to compact the database</td> <td data-bbox="959 1126 1358 1261">Click on the <b>Compact DB</b> button. Go to Compacting your Database (see page 63).</td> </tr> <tr> <td data-bbox="560 1261 959 1368">You wish to update the data used by LIS</td> <td data-bbox="959 1261 1358 1368">Click on the <b>Update Data</b> button. Go to Updating your LIS Data (see page 64).</td> </tr> </tbody> </table>	IF...	THEN...	You wish to change your provider	Click on the <b>Provider...</b> button. Go to Change the Provider (see page 23).	You wish to truncate the log file	Click on the <b>Truncate Log</b> button. Go to Truncating the Log (see page 61).	You wish to clear locks	Click on the <b>Clear Locks</b> button. Go to Clearing Locks (see page 62).	You wish to compact the database	Click on the <b>Compact DB</b> button. Go to Compacting your Database (see page 63).	You wish to update the data used by LIS	Click on the <b>Update Data</b> button. Go to Updating your LIS Data (see page 64).
IF...	THEN...												
You wish to change your provider	Click on the <b>Provider...</b> button. Go to Change the Provider (see page 23).												
You wish to truncate the log file	Click on the <b>Truncate Log</b> button. Go to Truncating the Log (see page 61).												
You wish to clear locks	Click on the <b>Clear Locks</b> button. Go to Clearing Locks (see page 62).												
You wish to compact the database	Click on the <b>Compact DB</b> button. Go to Compacting your Database (see page 63).												
You wish to update the data used by LIS	Click on the <b>Update Data</b> button. Go to Updating your LIS Data (see page 64).												

*Continued on next page*

## Maintaining LIS Options, Continued

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### Truncating the Log

The LIS application keeps a log of some of the events or operations carried out. Refer to Viewing the Audit Log for more information (see page 67). The log file is useful for diagnosing problems, but it can be truncated if required. Truncating the log erases all the log entries and is useful if you wish to save hard disk space.

The following steps show how this can be achieved:

Step	Action						
1	Access the <b>Options</b> screen. Select the <b>Maintenance</b> tab.  Click on the <b>Truncate Log</b> button.  A warning message advises you that this process is not reversible.						
2	Select an option: <table border="1"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>You click <b>OK</b></td><td>A confirmation message displays. The truncation is complete. Go to step <b>3</b>.</td></tr><tr><td>You click <b>No</b></td><td>You return to the Maintenance tab and no truncation has taken place.</td></tr></tbody></table>	IF...	THEN...	You click <b>OK</b>	A confirmation message displays. The truncation is complete. Go to step <b>3</b> .	You click <b>No</b>	You return to the Maintenance tab and no truncation has taken place.
IF...	THEN...						
You click <b>OK</b>	A confirmation message displays. The truncation is complete. Go to step <b>3</b> .						
You click <b>No</b>	You return to the Maintenance tab and no truncation has taken place.						
3	Click <b>OK</b> .  You return to the Maintenance tab.						

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*Continued on next page*

## Maintaining LIS Options, Continued

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### Clearing Locks

Locks will occur within LIS if processes remain incomplete, for example if your PC is switched off during an import. Error messages will prevent you from completing some operations. If this occurs then the Clear Locks option should be used:

Step	Action						
1	Access the <b>Options</b> . Select the <b>Maintenance</b> tab.  Click on the <b>Clear Locks</b> button.  A warning message displays advising you that this process is not reversible.						
2	Select an option <table border="1"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>You click <b>OK</b></td><td>A confirmation message displays. Go to step <b>3</b>.</td></tr><tr><td>You click <b>No</b></td><td>You return to the Maintenance tab screen and no locks have been cleared.</td></tr></tbody></table>	IF...	THEN...	You click <b>OK</b>	A confirmation message displays. Go to step <b>3</b> .	You click <b>No</b>	You return to the Maintenance tab screen and no locks have been cleared.
IF...	THEN...						
You click <b>OK</b>	A confirmation message displays. Go to step <b>3</b> .						
You click <b>No</b>	You return to the Maintenance tab screen and no locks have been cleared.						
3	Click <b>OK</b> .  You return to the Maintenance tab screen.						

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*Continued on next page*

## Maintaining LIS Options, Continued

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### Compacting your Database

You can compact the database within LIS, to save hard disk space. However, the LIS performs self-compaction after validation so this option is generally only useful for providers with exceptionally large files.

To compact the database:

Step	Action						
1	Access the <b>Options</b> screen. Select the <b>Maintenance</b> tab.  Click on the <b>Compact DB</b> button.  You will be asked to confirm that you want to compact the database.						
2	Select an option. <table border="1"><thead><tr><th>IF...</th><th>THEN...</th></tr></thead><tbody><tr><td>You click <b>Yes</b></td><td>A confirmation message displays. Go to step <b>3</b>.</td></tr><tr><td>You click <b>No</b></td><td>You return to the Maintenance tab screen and the database has not compacted.</td></tr></tbody></table>	IF...	THEN...	You click <b>Yes</b>	A confirmation message displays. Go to step <b>3</b> .	You click <b>No</b>	You return to the Maintenance tab screen and the database has not compacted.
IF...	THEN...						
You click <b>Yes</b>	A confirmation message displays. Go to step <b>3</b> .						
You click <b>No</b>	You return to the Maintenance tab screen and the database has not compacted.						
3	Click <b>OK</b> .  You return to the Maintenance tab.						

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*Continued on next page*

## Maintaining LIS Options, Continued

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### Updating your LIS Data

You can update static data used by the LIS, for example the Provider list and Postcode list. You will only need to do this when an update is released on the LIS pages of the LSC website.

Use the following steps to update your LIS data:

Step	Action
1	Download the updated data file from the LIS pages of the LSC website to your PC.
2	Access the <b>Options</b> screen. Select the <b>Maintenance</b> tab. Click on the <b>Update Data</b> button.
3	The Select lookups update file dialogue box displays. Select your data file for updating LIS.
4	Click <b>OK</b> . The selected file updates data within LIS.

---

### Viewing Import Errors

You can view a list of import errors that may be encountered when importing ILR data into LIS:

Step	Action
1	Access the <b>Options</b> screen. Select the <b>Import Errors</b> tab.
2	The import errors tab screen displays. Click on an error in the list for more details.

---

### Viewing Version Information

You may need to know which version of the LIS and the LAD you are using. For example, this information is useful when updating software, maintaining data and requesting support.

To view version information from within the LIS application:

Step	Action
1	Access the <b>Options</b> screen. Click the <b>Version Information</b> tab.  The version information tab screen displays. It is read only and shows version information for: <ul style="list-style-type: none"><li>• Learner Information Suite<ul style="list-style-type: none"><li>• Database</li><li>• Application</li><li>• Validation Rules</li><li>• Provider List</li></ul></li><li>• Learning Aim Database</li><li>• Modules</li><li>• Funding calculation module</li><li>• Derived data module.</li></ul>

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*Continued on next page*


## Maintaining LIS Options, Continued

### Maintaining Postcodes

Postcodes can be maintained from within LIS. You can search for existing postcodes or insert new postcodes into the list.

### Searching for Postcodes

To search for postcodes:

Step	Action						
1	<p>Access the <b>Postcodes</b> screen.</p> <p>The list shows all postcode records for you to view. Move through the list using the scroll bar or the navigation buttons.</p>						
2	<p>If you click the drop down next to the search button  you have two options:</p> <table border="1"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>You click <b>All Record</b></td> <td>The list is refreshed to display all postcode records within LIS.</td> </tr> <tr> <td>You click <b>Some Records</b>.</td> <td>The <b>Select Filter Required</b> dialogue box displays.  Go to step 3.</td> </tr> </tbody> </table>	IF...	THEN...	You click <b>All Record</b>	The list is refreshed to display all postcode records within LIS.	You click <b>Some Records</b> .	The <b>Select Filter Required</b> dialogue box displays.  Go to step 3.
IF...	THEN...						
You click <b>All Record</b>	The list is refreshed to display all postcode records within LIS.						
You click <b>Some Records</b> .	The <b>Select Filter Required</b> dialogue box displays.  Go to step 3.						
3	<p>Click on the drop down for <b>Data Field</b> to select a category for your search.</p> <p>Three Filter options are available:</p> <ul style="list-style-type: none"> <li>• Council entered</li> <li>• Description</li> <li>• Outward Postcode.</li> </ul>						
4	<p>Enter a value in the <b>Filter</b> field.</p> <p><b>Note:</b> wildcard characters are NOT allowed.</p>						
5	<p>Click on the <b>Filter</b> button. Your search results display.</p> <p><b>Cancel</b> will cancel the search.</p>						

*Continued on next page*



## Maintaining LIS Options, Continued

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### Inserting New Postcodes

It is possible to insert new postcodes into the list within LIS.

To insert new postcodes:


Step	Action
1	Click <b>Insert</b>  .  The Postcode screen displays.
2	Enter the <b>Outward Postcode</b> in the field.
3	Enter a <b>Description</b> for the postcode.  <b>Note:</b> The inserted postcode defaults Council Entered to N.  The entry displays at the end of the existing list.
4	Click <b>Save Changes</b>  .  The new postcode is inserted into the list. The list is sorted by Outward Postcode when it is saved.

---

### Deleting Postcodes

It is possible to delete a new postcode added to the list within LIS.

To delete a postcode:

Step	Action
1	Search for the required new postcode, or select it in the list of postcodes.
2	Click on the <b>Delete</b> button  .  The selected new postcode will be deleted.

---

# Viewing the Audit Log

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## Overview

The LIS application keeps a log of some of the events or operations carried out. Entries to the log file include the time and date of the event and a short description. The log file is stored in the Auditlog LIS subdirectory by default.

The log file can be viewed from within LIS. The information may be useful for diagnosis if problems have occurred.

The log can be truncated; refer to Truncating the Log (see page 61).

---

## Viewing the Log

To view the log file from within the LIS:

Step	Action
1	Access the <b>Log</b> screen.  If the log is long, use the vertical scroll bar to view other operations at the bottom of the list.

---

# Technical Information

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## Overview

You may want to look at the data stored by LIS. This is outlined in the section below.

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## Looking at Data Stored by LIS

The LIS stores data in an internal database. The database is a Microsoft Access file called LISData.mdb. It can be found in C:\LIS\Release16\Data if the default directory structure is used at the time of installation.

The file is read-only. An error message will appear if you attempt to open this file. You can access the database using the LIS database shortcut in C:\LIS\Release16\. When opening the database with the shortcut type 'password' in the password box.

To manipulate the data held in the database, you must export the database. You can use the Export DB function in LIS to export the database.

**The export database function does not create a file that is suitable for transmission to the LSC. Files which are sent to the LSC having been exported from the LIS must be an ILR Export.**

The Export DB function exports data stored within the LIS programme in one of three formats; as a Microsoft Access 2000 file (MDB format), as dBase III files (DBF format) or as comma separated values (CSV format).

The tables exported by this option are described in the *LIS Database, Derived Variables and Report Guidance* for LIS 16.02, available on the LIS pages of the LSC website. You can choose to export most of the tables from the LIS internal database.

If exporting data to a file in dBase format (.DBF file), there is an option to use short file names rather than long file names. This is to assist users of Microsoft Access, which does not appear to support use of DBF files with long file names. The different table names in short dbf format are listed in the *LIS Database, Derived Variables and Report Guidance*.

Export the database in one of two ways:

- using Batch Import
  - using Report Manager.
- 

## Database Export using Batch Import

To export the database using Batch Import, see the Export DB (database) section (see page 29).

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*Continued on next page*

## Technical Information, Continued

### Database Export using Report Manager

To export the database using Report Manager:

Step	Action										
1	Access the <b>Report Manager</b> screen.										
2	Click on the <b>Export DB</b> button.  The Export Database dialogue box appears.										
3	You can use the <b>Default Export Settings</b> or select your own: <table border="1" data-bbox="560 712 1361 1339"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>You have the <b>Use default export settings?</b> check box checked</td> <td>You can select an <b>Export Type</b> from the list by clicking the appropriate radio button. Each time a table is exported you will be prompted for an Export Type for that table.</td> </tr> <tr> <td>You uncheck the <b>Use default export settings?</b> check box</td> <td>The <b>Export Type</b> options are disabled and all tables will be exported in the same format.</td> </tr> <tr> <td>You check the <b>Use short files names for DBF export</b> check box</td> <td>Short file names will be used in the export.</td> </tr> <tr> <td>You uncheck the <b>Use short files names for DBF export</b> check box</td> <td>Default settings for file names are maintained.</td> </tr> </tbody> </table>	IF...	THEN...	You have the <b>Use default export settings?</b> check box checked	You can select an <b>Export Type</b> from the list by clicking the appropriate radio button. Each time a table is exported you will be prompted for an Export Type for that table.	You uncheck the <b>Use default export settings?</b> check box	The <b>Export Type</b> options are disabled and all tables will be exported in the same format.	You check the <b>Use short files names for DBF export</b> check box	Short file names will be used in the export.	You uncheck the <b>Use short files names for DBF export</b> check box	Default settings for file names are maintained.
IF...	THEN...										
You have the <b>Use default export settings?</b> check box checked	You can select an <b>Export Type</b> from the list by clicking the appropriate radio button. Each time a table is exported you will be prompted for an Export Type for that table.										
You uncheck the <b>Use default export settings?</b> check box	The <b>Export Type</b> options are disabled and all tables will be exported in the same format.										
You check the <b>Use short files names for DBF export</b> check box	Short file names will be used in the export.										
You uncheck the <b>Use short files names for DBF export</b> check box	Default settings for file names are maintained.										
4	The export path is read-only. Click <b>OK</b> .  <b>Cancel</b> will cancel the database export.										
5	A confirmation message displays after exporting the database. Click <b>OK</b> .										

# Command Line Option

## Overview

The Command Line option allows you to run the LIS without using the LIS application interface. You can therefore run the LIS in the background or at a time more convenient to you, for instance running a large ILR data file overnight. When the LIS is run in this way it refers to the 'saved defaults' within the 'Batch Import' screen.

This operation can be called from Scheduled Tasks, located in the Windows Control Panel. This allows you to run the operation at a specified time and date.

Or it can be started by an MS-DOS command line prompt. This can either be run from the Command Prompt or saved as a text file and run immediately when executed from its icon.

## Preparing LIS to run the Command Line Option

To prepare LIS to run the command line option:

Step	Action						
1	Launch LIS and navigate to the <b>Batch Import</b> screen.						
2	Select the following import options: <ul style="list-style-type: none"> <li>• provider number and name</li> <li>• collection and type</li> <li>• Learning Aim Database</li> <li>• at least one operation.</li> </ul> <p><b>Note:</b> These options are mandatory and must be selected before attempting to run the command line option.</p>						
3	Select any of the optional extras: <ul style="list-style-type: none"> <li>• type of validation</li> <li>• export options</li> <li>• report options.</li> </ul> <p><b>Note:</b> Any files in the 'Files selected to import' area will be overwritten by the files referred to in the command line.</p>						
4	Click the Save Defaults button.						
	<table border="1"> <thead> <tr> <th>IF...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>The saved defaults are <b>not</b> set on the Batch Import screen</td> <td>The batch operation will not run and the audit log file will be populated with the error 'Default Settings not set – LIS Batch Operation cancelled'.</td> </tr> <tr> <td>The saved defaults <b>are</b> set on the Batch Import screen</td> <td>The batch operation will run successfully.</td> </tr> </tbody> </table>	IF...	THEN...	The saved defaults are <b>not</b> set on the Batch Import screen	The batch operation will not run and the audit log file will be populated with the error 'Default Settings not set – LIS Batch Operation cancelled'.	The saved defaults <b>are</b> set on the Batch Import screen	The batch operation will run successfully.
IF...	THEN...						
The saved defaults are <b>not</b> set on the Batch Import screen	The batch operation will not run and the audit log file will be populated with the error 'Default Settings not set – LIS Batch Operation cancelled'.						
The saved defaults <b>are</b> set on the Batch Import screen	The batch operation will run successfully.						

*Continued on next page*

## Command Line Option, Continued

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Step	Action
5	<b>Exit</b> the application.  To ensure integrity of the database, LIS must be closed before the command line function executes. If LIS is running on your machine, the error 'LIS already in use – LIS Batch Operation cancelled' is written to the audit log.

---

### Viewing Error Messages

When running LIS using the command line option, all error messages are suppressed. Suppressed error messages are written to the LIS audit log file. An entry is created for each operation in the audit log.

---

### Setting up a Scheduled Task

To set up a task using the Task Scheduler follow the steps below:

Step	Action
1	Run the Task Scheduler application from within the Control Panel.
2	Select Add Scheduled Task and follow the on-screen instructions.
3	You will need to tell the scheduler where the LIS has been installed; when and how often to run the LIS; and you may need to add your machine login details so the task runs as if it were started by you.

---

### Cancelling a Scheduled Task

To cancel a task that is set to run at a specific time and date, follow the steps below:

Step	Action
1	Run the Task Scheduler application from within the Control Panel.
2	Either untick the 'enabled' checkbox and click on 'Apply', or select the scheduled task and chose 'Delete'.

---

### Command Line Syntax

The command line function requires three parameters:

- the filename to import
- the file path of the import
- the file path of the exported LIS\_exp.mdb database.

The way these pieces of information are coded is as follows:  
-i <import directory> -f <filename to import> and -e <export directory>

A complete piece of command line syntax would be as follows:  
C:\LIS\Release16\LIS.exe -e D:\MyExportFolder -i D:\MyImportFolder -f a99999500260080900201.W01

Which breaks down as:

- 'C:\LIS\Release16\LIS.exe' triggers the LIS from its .exe file in the C drive and folders as specified
- '-i D:\MyImportFolder' tells the LIS to look in the MyImportFolder in the D drive for the file defined by -f
- '-f a99999500260080900201.W01' tells the LIS the name of the file to import
- '-e D:\MyExportFolder' tells the LIS to export the LIS\_exp.mdb to the folder in the D drive named 'MyExportFolder'

In addition to the above guidance:

- If the import file path is defined by -f, for example: -f D:\MyImportFolder\a99999500260080900201.W01, then the parameter set by -i will not be used and is therefore not necessary.
- If no file path is stated, for -i the last known import file path will be used and for -e the default LIS\Exports folder will be used.
- Another program can be run from the command line by using the -r parameter in the syntax. An example of the -r parameter is: -r c:\Program Files\Microsoft office\office11\MSACCESS.EXE "c:\test.mdb". The latter part in quotes directs the program to the file to be opened.

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*Continued on next page*

## Command Line Option, Continued

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### Running an MS-DOS Prompt

To set up and run an MS-DOS prompt:

Step	Action
1	Click <b>Start</b> from the task bar at the bottom of your screen.
2	Select <b>All Programs &gt; Accessories &gt; Command Prompt</b> . The Command Prompt box displays. The prompt flashes.
3	Type in the command line syntax.
4	Press <b>Enter</b> to run the LIS operation.
5	To stop the operation, press <b>Cancel</b> from the LIS Batch Import screen.

---

### Creating an MS-DOS Command Line File

To create an MS-DOS command line in Notepad:

Step	Action
1	Open a new Notepad document.
2	Type in the command line syntax.
3	Save as a .bat document.
4	To run the MS-DOS code within the document, double-click the document icon.
5	To edit the document, right click on the icon and select Edit.

---