DATAMINE

CCLAS

Automated Laboratory Processes

CCLAS EL

Version 3.0.5.2

CCLAS EL Release Notes

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Legal Disclaimer

The product described in this documentation may be connected to, and/or communicate information and data via, a network interface, which should be connected to a secure network. It is your sole responsibility to ensure a secure connection to the network and to establish and maintain appropriate measures (such as but not limited to the installation of firewalls, application of authentication measures, encryption of data, installation of antivirus programs, etc.) to protect the product, the network, your systems, and the interface against any kind of security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data. We are not liable for damages or losses related to any such security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data.

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CCLAS EL 3.0.5

These release notes apply to CCLAS EL for the 3.0.5 minor version.

> **Note:** CCLAS EL V3 versioning follows the 3.*majorVersion*.*minorVersion*.*patchNumber* format.
>
> - A major version signifies a breaking change, that is, the database has changed such that a new release of software cannot run on an older database
> - A minor version signifies a non-breaking change
> - A patch on a previous version comprising bug fixes or new online help, for example.

Supporting documentation is available from the **2.48.0 & 3.0.5 All Documentation** link on the Datamine documentation site:

https://docs.dataminesoftware.com/CCLAS-EL/index.htm

This content includes:

- CCLAS EL application help
- CCLAS EL Client Web Portal user guide
- CCLAS EL Mobile user guide
- The Knowledge Base
- System Requirements
- Compliance
- Installation Guides.

3.0.5.2 (February 2025)

This release introduces functionality to allow a user to access the Pool Control application and set a different database as the preferred database in the CCLAS EL initialisation files.

New Features

Database Management

1385 Pool Control

This feature introduces the functionality provided by the Pool Control application in VB6. Its primary purpose is to provide users a convenient way to stop the current database connection or set a different database as the preferred database. This can be done via the user login form, or from the application toolbar.

Where the **cclasellogon > CCLAS EL login Form** is displayed for you to log into CCLAS EL V3, then you can view the terms and conditions of using the CCLAS EL application (the link to the legal disclaimer is stored in the **appsettings.json** file). Refer to **Logging In To a Laboratory** in the Online Help.

After login, you can stop or set a different database as the preferred database from the V3 application main menu. Refer to **Changing the Database Connection** in the Online Help.

Any change to the preferred database automatically updates your **appsettings.json** file for V3 and **CCLAS.INI** for V2. Where a connection exists in the **appsettings.json** file but not in the **CCLAS.INI**, then an error is raised: *Section '<connection>' not found in configuration.* Typically these initialisation files should be configured to contain the same available database connections. Refer to **Configuring the Language and Database Connection for V3** and **Managing the Database Connection and Security** in the Online Help.

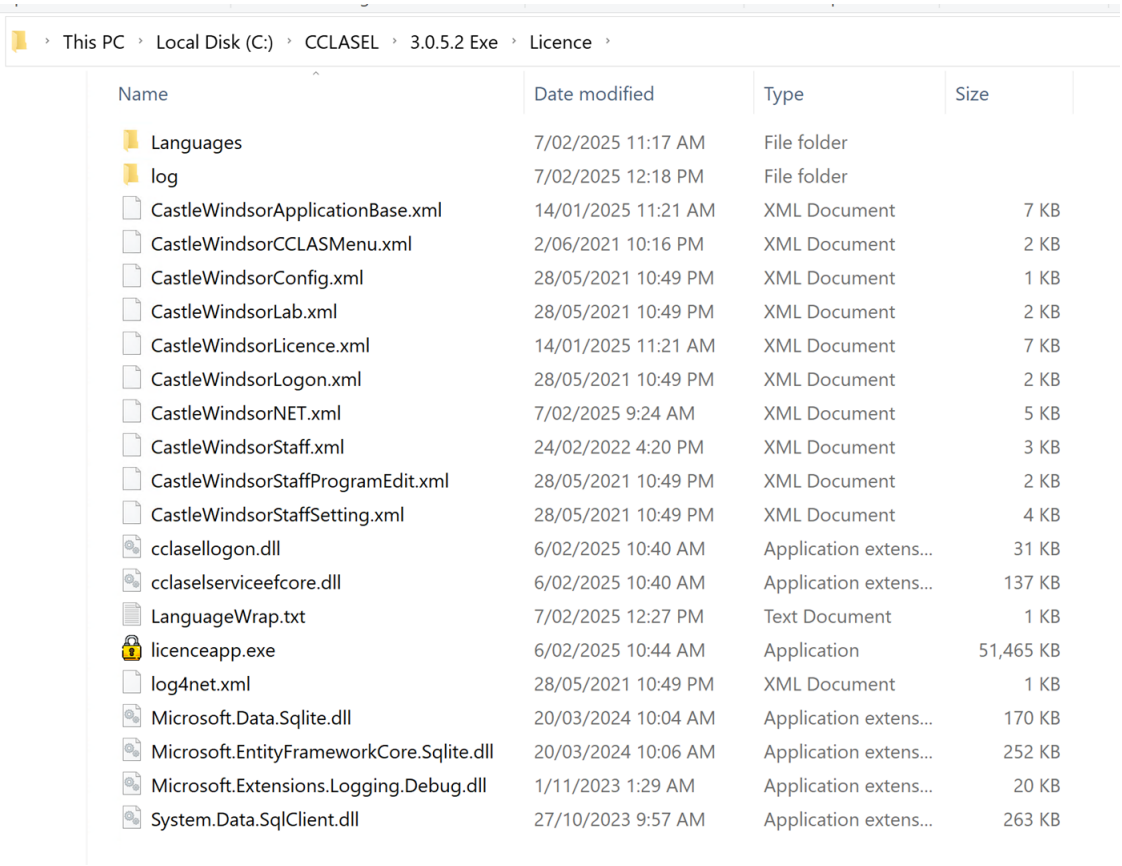
Menu Adjustments

The menu item for the **licenceapp.exe** needs the following adjustments:

- New location of Licence application
- Licence location update to CCLAS menu
- Trust Server Certificate in **CCLAS.INI**

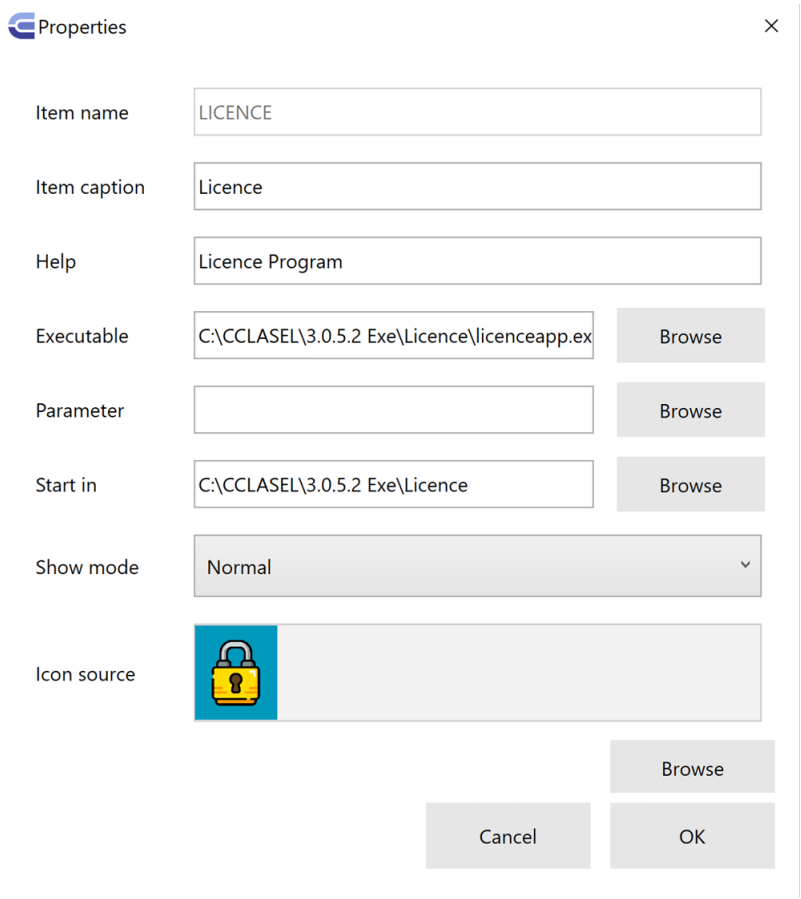
New location of Licence application

The licence application is located in a new folder. If CCLAS EL is located in the **C** directory, then the **Licence** folder is located under the **3.0.5.2 Exe** folder. The image below is used as reference.



Licence location update to CCLAS menu

The **Executable** and **Start In** directory values needs to be mapped to the new location of the Licence folder which contains the **licenceapp.exe**. Use the image below as reference. Only the **Licence** menu needs the update.



Trust Server Certificate in CCLAS.INI file

The Licence application will not launch without adding a trusted certificate string in the CCLAS.INI file. This only applies to the CCLAS EL 3.x version. In the DSN line of the CCLAS.INI file, add `TrustServerCertificate=yes`. A code snippet is show below as a reference.

```
[CCLAS]
Language=0
ConnectionName=CCLAS EL
ConnectionPoolMinimumSize=0
ConnectionPoolTimerRefresh=0
PROVIDER=SQLOLEDB
DSN=<server>;<database>;TrustServerCertificate=Yes
```

Defects

Application Start

1361 Errors shown behind splash screen

When using the V3 menu, if an error occurs on application start, then the error is no longer hidden behind the splash screen but shown to the user.

1364 Incomplete splash screen dialog

When using the V3 menu, all boarders of the **cclasellogon—CCLAS EL login Form** now display correctly.

1363 No Access error when switching connection

When changing the database connection, if the Pool Control application is running, then the **CCLAS.INI** file still works with V2 as if nothing had happened. However, despite V3 not relying on the **CCLAS.INI** file and having its own **appsettings.json** to define its connection settings, it gets affected by pool control changes of laboratory and returns an error saying the user has no access to data records. This defect is addressed by the new pool control feature covered by **1385 Pool Control** (see above).

V3 Menu Application

Menu Display

1365 Launchpad wrapping

When using the V3 menu, if button text wraps to a new line, then the button now displays deeper to cater for it instead of cutting the text off.

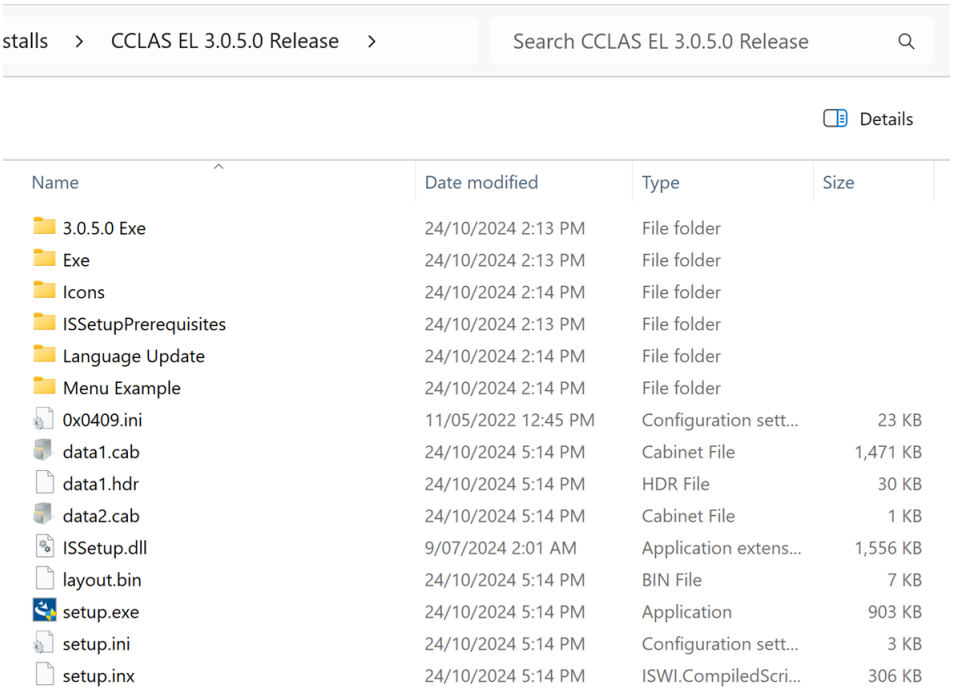
3.0.5.0 (October 2024)

A user-friendly menu interface is provided for CCLAS EL Version 3 that allows for the opening and saving of menu files and language selection, and allows you to see both the menu and an active V3 application launched from the menu. The Menu panel can be collapsed and expanded, and the Launch Pad panel can be closed and re-opened.

This release also contains a couple of bug fixes to do with a scheme's QC file name being displayed as *TEXT1* instead of the actual name, and an archive job retrieval issue.

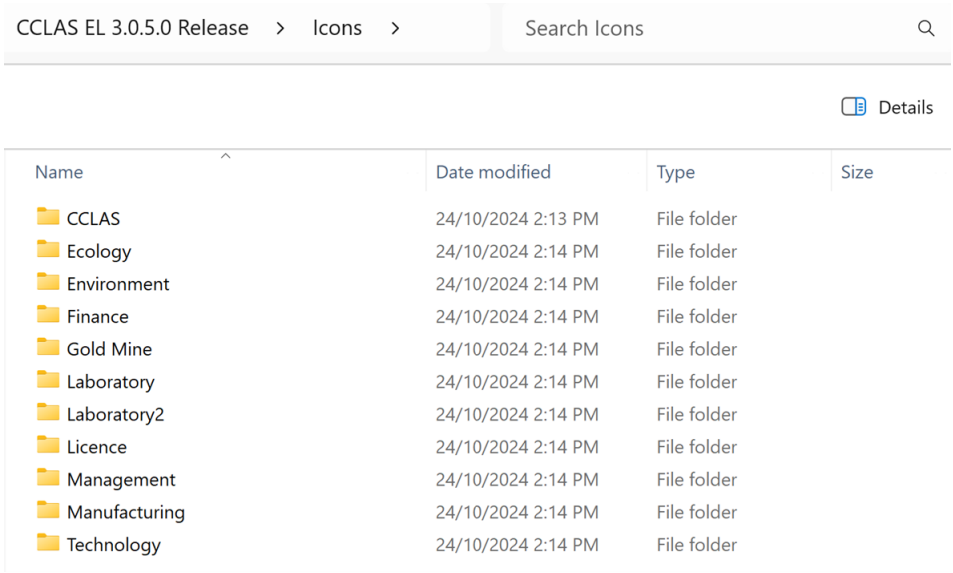
CCLAS 3.0.5.0 is installed using a new installer application.

Release Package



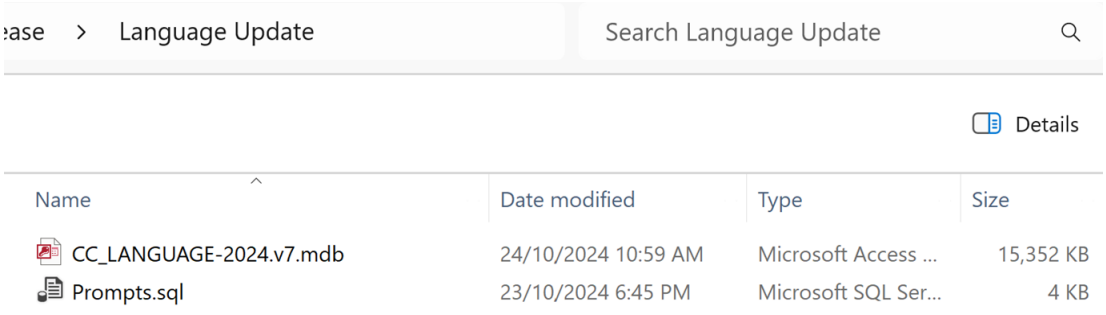
The release contains a few extra folders:

- **3.0.5.0 Exe**, for all the CCLAS EL 3.0.5.0 programs and related files.
- **Documents**, for the release notes and other documents.
- **Exe**, for the SecurityWrapper.dll file that must be placed in the CCLAS EL Version 2 **Exe** folder.
- **Icons**, for extra icons. This folder is installed if the **Icons** option is selected during a **Full** installation.

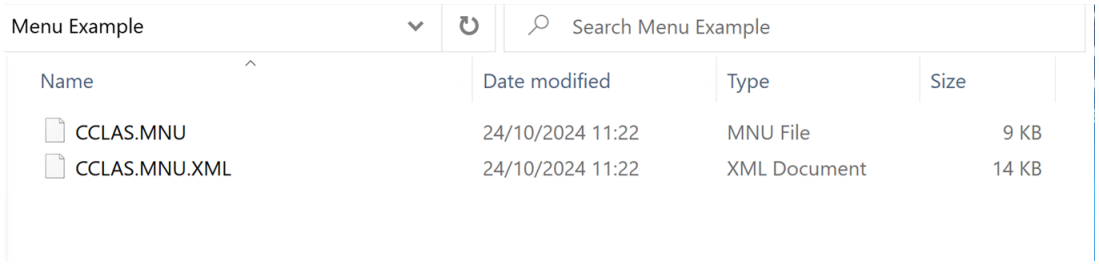


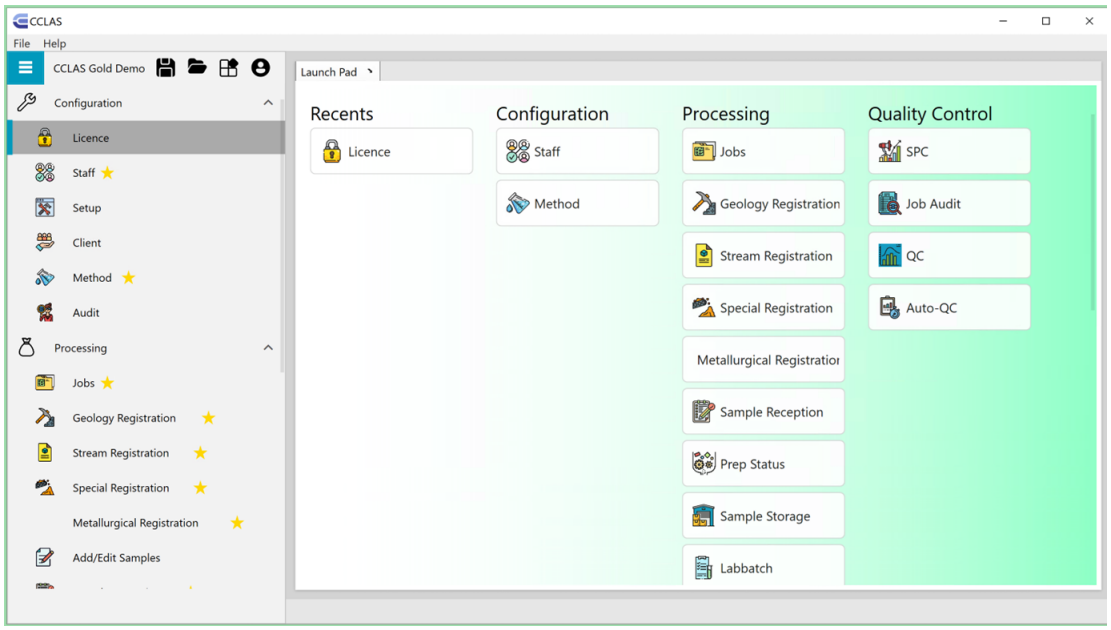
- **ISSetupPrerequisites**, for the setup pre-requisites which contains:
  - windowsdesktop-runtime-8.0.3-win-x86.exe

  This should automatically be run by the installation procedure if it is not installed already, but it can also be run separately.
- **Language Update**, for any updates to language prompts.



- **Menu Example**, for example menu files that use the CCLAS icons.





Note the path changes required to run the Licence application:

```
<Item name="LICENCE" caption="Licence" help="Licence Program"
executable="C:\CCLASEL\3.0.5.0 Exe\Licence\licenceapp.exe"
startdirectory="C:\CCLASEL\3.0.5.0 Exe\Licence\" parameter=""
iconsource="%IconDirectory%CCLAS\Licence.png"
iconposition="0" show="0" isFavourite="false" />
```

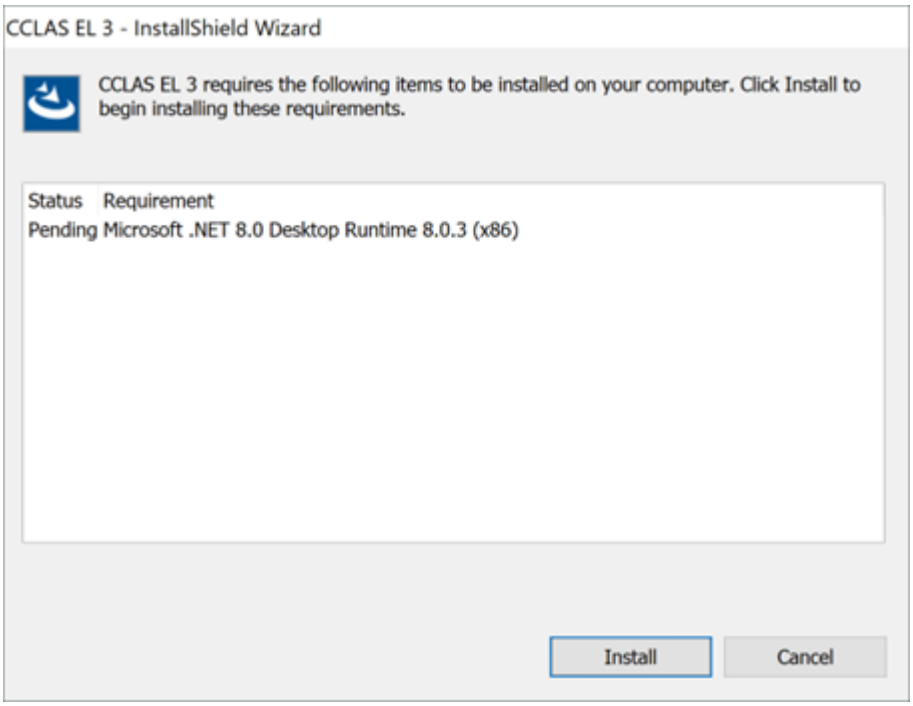
Pre-requisites

CCLAS EL Version 2

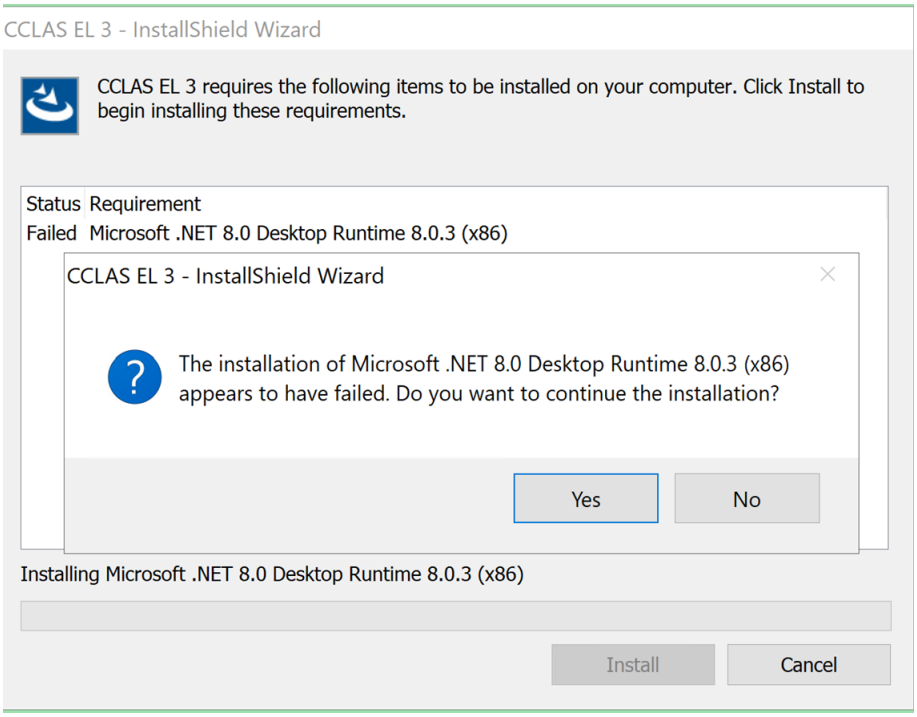
This release expects that CCLAS EL Version 2 is already installed.

Microsoft .NET 8.0 Desktop Runtime 8.0.3 (x86)

Microsoft .NET 8.0 Desktop Runtime 8.0.3 (x86) is a pre-requisite.



A warning is given when running the CCLAS EL installation if Microsoft .NET 8.0 Desktop Runtime fails to run for any reason.



Microsoft .NET 8.0 Desktop Runtime can be installed manually after the CCLAS EL installation, in which case, select **Yes** to continue, and install Microsoft .NET 8.0 Desktop Runtime afterwards.

New Features

Application Initialisation

1098 Implement appsettings.json for application configuration

This release brings a new *appsettings.json* file for configuring the database connection, initial language and connection name for CCLAS EL V3 applications, similar in use to the *CCLAS.INI* file for configuring V2 applications.

> **Important:** While including the connection string in the *appsettings.json* does raise a security risk, it needs to be configured in the same manner as it is in the *CCLAS.INI* file used for CCLAS EL V2 applications where the password is encrypted using in-house encryption.
>
> **It is the responsibility of the customer to ensure access to that connection string (machine) is restricted.**

Refer to Configuring the Language and Database Connection for V3.

Driver Application Framework

858 Authentication

- **859 Logon view**

  When the CCLAS EL Menu application is launched, after the licence is verified, if the Pool Control and Security Manager processes are not running, that is, you have not already logged in by running another CCLAS EL application not via the V3 Menu, then a dialog is prompted to allow you to enter your credentials.

- **860 Change Password View**

  When viewing the current user account details, then the option to change the password opens a dialog to perform the action.

- **861 Validations on application start/login**

  When an application is launched from the V3 Menu application, then any raised warnings or errors that prevent the application starting, for example, the database is invalid or the licence has expired, display in a dialog.

- **887 Logout option**

  When viewing the current user account details, then the option to log out, or re-log in, performs the action.

884 Option for About Box

When the V3 Menu application is launched, the **Help » About** option is available to display application details.

885 Option for Language settings

The V3 Menu allows users to change the language for screen prompts and error messages.

888 Option for Displaying Help

When the V3 Menu application is launched, the **Help » About** option is available to launch help.

924 Splash screen

When the V3 Menu is launched, then the CCLAS EL splash screen displays while the menu loads, and the licence is verified. The **ApplicationPicture** GLOBAL setting defines the URL of the splash screen file.

939 Status Bar

The Status Bar displays at the bottom of the screen to allow for the display of system messages.

V3 Menu Application

Refer to Using the V3 Menu.

Window Title Bar

1177 Use white background colour for window title bar and navigation view

The window's Title Bar and the Menu panel background colour is white.

1313 Dialog icons and titles

The CCLAS EL Version 3 logo displays in the screen header next to the menu title, which itself is defined by the **MenuTitle** CCLAS program setting, and all dialogs have a new look and feel.

Licence Expiry

Refer to Managing CCLAS EL Licences.

1315 Licence Expiry Indicator

When the V3 Menu application is launched, if licence expiry is to occur within a given number of days, then a warning is given in the screen header next to the menu title: *A discrepancy has been detected between the expected and actual Licence conditions in the CCLAS installation. Please contact Datamine Support Centre... to obtain a new Licence Key. This software version will expiry on DD/MM/YYYY. Before this time a new Licence Key MUST be obtained.*

The number of days warning is defined by the **LicenceExpiryDays** GLOBAL setting, and if that is not defined, is then seven days.

Help

Refer to Accessing Help from the Application.

1169 Use Browser to display help

When help is launched, the application will open a web browser and launch the HTML5 help installed with CCLAS EL:

```
file:///C:/CCLASEL/Help/CCLAS-EL-Online-Help-HTML5/Home.htm
```

1174 Help about screen to show details as per VB6 verion

The help about details include program name, version, current login details, and the product legal disclaimer.

User Account

Refer to Logging Out Of a Laboratory, Logging In To a Laboratory and Changing Your Password.

1178 Move information on backstage to navigation view header

The current user account details can be viewed from the V3 Menu, and from there, there are options to change the password, and log out or re-log in.

1217 Close launchpad on logout

When viewing the current user account details and proceed to log out, then the menu in the Menu panel is closed and the log-in dialog displays.

1274 Disabled appearance of open and save buttons

When using the V3 Menu and the current user logs out, then the menu **Open** and **Save** buttons are disabled (though the icons themselves do not change).

Outlook Bar Menu

Refer to Using the V3 Menu.

An Outlook-style menu is used in the CCLAS EL V3 Menu application. A different menu file can be loaded, or changes to the existing menu saved to a menu file.

863 Outlook bar view for menu

The Menu panel displays on the left-hand side of the screen and can be toggled to minimise or maximise.

864 Outlook bar Menu Groups

A menu group allows applications of a similar theme to be grouped in the menu. When a menu is loaded from file, then the menu groups defined in the file are displayed on screen, and if changes to the menu are saved, then the menu groups on screen are preserved in the menu file.

865 Outlook Bar Menu Items / 1176 Change to use Menu rather than Ribbon

The CCLAS EL V3 Menu application displays the menu, which is implemented as a pull-down menu style, in the Menu panel.

866 Mechanism to launch menu items

When using the V3 Menu, then menu items can launch CCLAS EL and third-party exe files, including an executable that launches a web browser with a specific page defined as a parameter.

1004 Option to add new group

When using the V3 Menu and a menu is loaded from file, then the right-click **Add group...** option allows a menu group to be added to the menu on screen.

1005 Option to Remove Group

When using the V3 Menu and a menu is loaded from file, then the right-click **Delete** option available from a menu group allows a menu group to be deleted from the menu on screen.

1006 Option to modify group

When using the V3 Menu and a menu is loaded from file, then the right-click **Properties** option available from a menu group allows a menu group's properties to be updated.

1007 Dialog to modify group

When using the V3 Menu and a menu group is added or modified, then a dialog displays to allow the **Group name**, **Group caption**, **Help** tool tip and **Icon source** to be defined, which is then reflected in the current menu on screen when the dialog is closed.

1009 Option to add item to group

When using the V3 Menu and a menu is loaded from file, then the right-click **Add item...** option available from a menu group allows a menu item to be added to the menu on screen.

1010 Option to remove item from group

When using the V3 Menu and a menu is loaded from file, then the right-click **Delete** option available from a menu item allows a menu item to be deleted from the menu on screen.

1011 Option to modify existing item

When using the V3 Menu and a menu is loaded from file, then the right-click **Properties** option available from a menu item allows a menu item's properties to be updated.

1012 Option to launch the application for a menu item

Menu items are launched using a single click from the V3 Menu.

1013 Option to mark/unmark an item as a favourite

When using the V3 Menu, a menu item can be toggled as a favourite. Favourite applications display in the Launch Pad under the menu group's heading.

1014 Dialog to modify menu items

When using the V3 Menu and a menu item is added or modified, then a dialog displays to allow the **Item name**, **Item caption**, **Help** tool tip, **Executable**, **Parameter**, **Start in** folder, **Show mode** and **Icon source** to be defined, which is then reflected in the current menu on screen when the dialog is closed.

1016 Option to select and read another menu file

A different MNU or XML menu file can be located and loaded in the V3 Menu application.

When a menu file is opened, it is loaded with groups according to the V3 Menu file XML structure.

1017 Option to save any changes to current menu

Changes to the current menu loaded in the V3 Menu can be saved to the menu's MNU or XML menu file.

1170 Use star to indicate a favourite

Favourite applications are indicated by a star in the V3 Menu.

Launch Pad

Refer to Using the V3 Menu.

883 Port Launchpad to new Driver Application

When using the V3 Menu, then not only can applications be launched by selecting a menu item, but recent and favourite applications in the Launch Pad can be launched. The Launch Pad panel displays on the right-hand side of the screen and can be closed and re-opened, if required.

Language

Refer to Configuring the Language and Database Connection for V3.

1097 Return Current language from Configuration

When any V3 application is run, before a user logs in, then the CCLAS EL application settings file is used to establish:

- The language in which screen prompts and error messages are displayed on the user interface.
- The database connection from the workstation to the CCLAS EL server.

When CCLAS EL V3 is first installed, the CCLAS EL initialisation file must be updated to configure these details.

After a user logs in, the user's **Language** CCLAS program setting is used to establish the language in which screen prompts and error messages are displayed on the user interface.

1175 Language Prompts to support language tables

Screen prompts and error messages for CCLAS EL V3 applications are extracted from the LANGUAGE and LANGUAGE_ITEM tables.

1228 Provision for deployment of language prompts

When CCLAS EL Version 3 is deployed, then the LANGUAGE and LANGUAGE_ITEM tables are pre-populated with screen prompts and error messages.

Auto-disconnect and Auto-logout

932 Honour AutoDisconnect and AutoLogout settings

When you exit any CCLAS EL application, including the V3 Menu application:

- If the **AutoLogout** CCLAS program setting is enabled, then any other CCLAS EL applications running are automatically closed.
- If the **AutoDisconnect** CCLAS program setting is enabled, then the Pool Control and Security Manager applications are closed.

> **Note:** Typically, this setting is disabled to keep the Pool Control and Security Manager processes running after the CCLAS EL V3 or V2 Menu application is terminated, allowing you to launch other CCLAS EL applications directly from shortcuts or the command line without using the CCLAS EL Menu.

File/Folder Selections

1171 Use CCLAS folder syntax on return from file/folder selection dialogs

Folder paths can use the CCLAS EL folder syntax on return from a dialog that selects a folder or file, that is:

```
%Folder%
```

Defects

1213 QC File shown as TEXT1 after closing form with control box

Where a scheme is updated to enter quality control details for any type of scheme on the **Quality control** tab, and the ellipses **...** is clicked to open the QCFile form for QC standard selection, when the dialog is closed and reopened using the form close **x** button instead of using the **OK** or **Cancel** buttons, then the contents of the right-hand panel in the dialog are now shown as when the dialog was closed, instead of showing 'TEXT1' in the right-hand panel.

Refer to Maintaining Schemes.

1235 Archive Job not retrieving

When Archiving and Retrieving Jobs and an error is raised during retrieving a job from the archive file, then the specific error that the retrieval process has with the file (for example, that the PROFJOB.IDSFILE field is not large enough) is returned to the user, instead of just 'Error: *Could not retrieve job CCPROF01.RetriveJob*', so that the user can intervene and correct the file contents for job retrieval.

System

604 .NET8 upgrade

CCLAS EL Version 3 now developed using the .NET8 desktop runtime developer platform which brings many improvements in performance, stability, and security.

935 Update dependencies to use latest versions

CCLAS EL is upgraded to use the latest version of all dependent software.

Deployment

926 Installer for new release

CCLAS EL Version 3.0.5.0 comes with a new InstallShield® installer that has modes for a Full or Workstation installation.

A full installation will:

- Ensure that the .NET8 desktop runtime is installed
- Prompt for the parent CCLAS EL folder
- Prompt for a V3 icons installation folder
- Copy files to the destination folders
- Create the default appsettings.json file.

A workstation installation will:

- Prompt for the parent CCLAS EL folder
- Copy the SecurityWrap.dll to the V2 Exe folder and register it.

> **Note:** The SecurityWrap.dll vb6 dynamic link library provides a bridge between V3 and V2's vb6 version of CCLAS EL.

1284 Turn off logging of sql queries in production

Logging of sql queries is now turned off by default in the *serilog.json* configuration file.

STORY 1140 [Licence] Single file deployment of the cclas 3 licence application

The CCLAS EL Licence application is provided as a single executable file (licenceapp.exe).

Getting Help for CCLAS EL

Functional Help

Help for CCLAS EL comes in various places, both in the application and at Datamine Docs.

Refer to Accessing Help from the Application.

Customer Support

Datamine's commitment to customer service provides our customers with access to a skilled and responsive support team. The global customer support team ensures all customer questions and issues are addressed in a timely manner and escalated as required to ensure resolution.

You should always contact Datamine support if you have an issue. Do not contact individual members of Datamine for support because your issue may not be responded to in a timely manner if that person is unavailable.

For further information about installing or using CCLAS EL, check your contract with Datamine to determine whether site-specific documentation was supplied to your site.

You should always contact Datamine support if you have an issue. Do not contact individual members of Datamine for support because your issue may not be responded to in a timely manner if that person is unavailable.

Datamine provides global support for CCLAS EL. If you are a licensed CCLAS EL user, you can request support via the Support Portal (https://www.dataminesoftware.com/support/).

Before contacting support, you should perform some basic troubleshooting of the issue. This allows you to gather information on the issue to pass on to the support team. Providing detailed information assists the support team to find the cause and resolution to your issue. The required information includes:

- Name of site
- Name of contact person for this issue and the contact details
- Name of application with the issue
- Time at which the issue occurred or was noticed
- The application involved, for example, Scheme or Profile
- A detailed description of the issue and what the expected results should have been

- A detailed description of any related incident, for example, server failure
- Actions taken to resolve the issue, if any
- The current status of the system.

Screen captures or other content pertinent to the issue, for example, reports, should be provided where possible.

We also welcome feedback about this documentation.

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