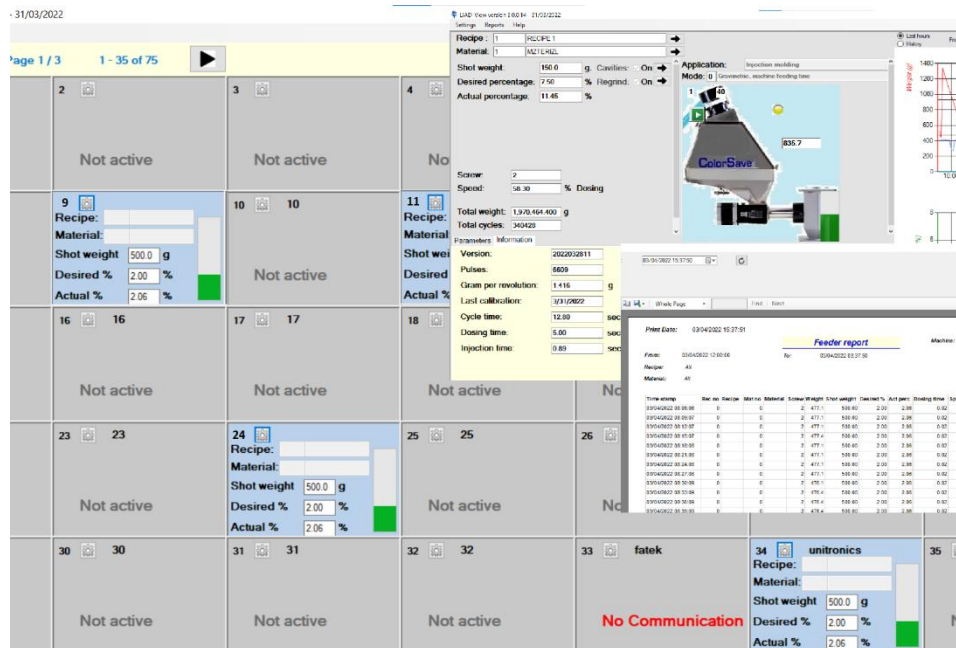




LIAD-View



ColorSave (U, X), DualSave and CSMicro Monitoring Software

User Manual

Edited 07/2026

Table of Contents

1. INTRODUCTION	4
2. INSTALLATION	5
3. SCREENS	6
3.1 Main Screen	6
3.1.1 Registration of a new machine.....	6
3.2 Feeder screens	8
3.2.1 Graphs time selection	8
3.2.2 Machine data collection setting.....	9
3.2.3 Data Cleaner screen	10
3.2.4 Recipe screen	10
3.2.5 Material screen	11
3.2.6 Cavities screen.....	11
3.2.7 Regrind screen.....	11
3.2.8 Parameters	12
3.2.9 Information	12
3.2.10 Feeder report screen.....	13
3.2.11 Alarm Log report screen.....	14
4. CONTACT DETAILS.....	15
APPENDIX A. LIAD VIEW INSTALLATION GUIDE.....	16
A.1 Step 1 Download the installer from Google Drive	Error! Bookmark not defined.
A.2 Step 2 Locate the downloaded file	17
A.3 Step 3 Bypass Windows SmartScreen — click "More info"	17
A.4 Step 4 Click "Run anyway"	18
A.5 Step 5 Allow the app to make changes (UAC prompt)	18
A.6 Step 6 Accept the SQL Server license agreement.....	19
A.7 Step 7 Welcome screen — click Next	19
A.8 Step 8 Select installation folder — click Next	20
A.9 Step 9 Confirm installation — click Next	20
A.10 Step 10 Wait for installation to complete.....	21
A.11 Step 11 Installation complete — click Close	21

A.12 Step 12 Activate your license	22
A.13 Step 13 Receiving the Liad view license key email	22
A.14 Step 14 Confirm activation and log in	23

1. INTRODUCTION

LIAD-View is a PC monitoring software designed to enable tracking trends and changes in ColorSaves' operations. Real-time monitoring of the entire set of machines in the factory enables you to verify that all the machines are working properly and set your attention to where problems are identified.

Detailed inspection of the ColorSave's performance over time via the LIAD-View's history reports enables you to investigate production faults and get insight into problems that otherwise were unnoticed and disregarded.

A user-friendly interface enables a "plug and play" deployment of the network-connected feeders to the software.

LIAD-View's reports could be downloaded to Excel/Word/PDF formats so different departments can collaborate, learn and control the implementation of the best practice of color accuracy and use of material.

2. INSTALLATION

Please contact LIAD for the download link and refer to Appendix A for step-by-step installation instructions.

3. SCREENS

3.1 Main Screen

The Main screen provides a factory overview and portal to access specific machines' details.

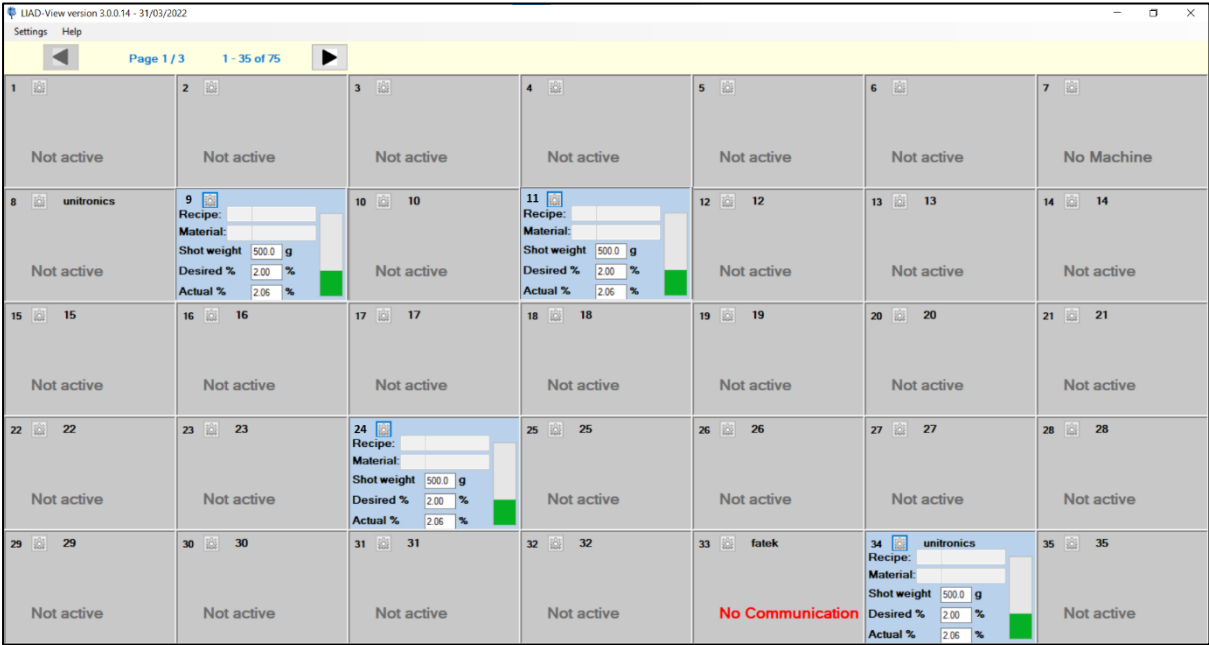


Figure 3-1:LIAD-View Main screen

A gray background indicates an available "square" for a new machine registration. Depending on your license, LIAD-View enables the monitoring of up to 75 machines. Use the arrows on the top of the screen to navigate to the main screen pages. Each page displays up to 35 machines. To register a new machine to LIAD-View, choose a gray backgrounded machine number and follow the registration instructions on 3.1.1 *Registration of a new machine*, below.

3.1.1Registration of a new machine

On the Main screen, press the settings icon of an available machine square.

See *Figure 3-2: Machine registration setting button*.

Follow the instructions next to *Figure 3-3: Machine Settings*, page 7.

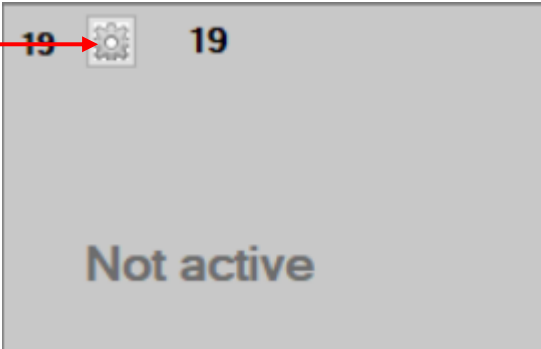


Figure 3-2: Machine registration setting button

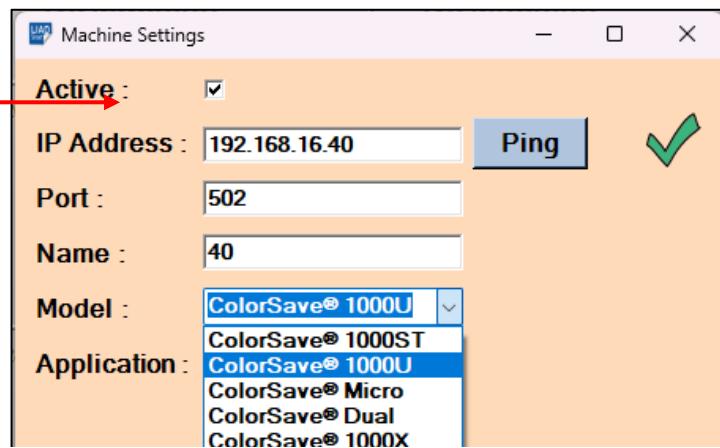
Mark the machine as active.

Enter the machine's IP address and port (default port 502), and press the Ping button to verify active communication to the machine.

Enter the machine's name and select the model and application.

When the machine's model is ColorSave 1000U, LIAD-View would identify and update the application automatically.

Press Save.



The screenshot shows the 'Machine Settings' window. The 'Active' checkbox is checked. The 'IP Address' field contains '192.168.16.40', the 'Port' field contains '502', and the 'Name' field contains '40'. The 'Model' dropdown menu is open, displaying a list of models: 'ColorSave® 1000U', 'ColorSave® 1000ST', 'ColorSave® 1000U', 'ColorSave® Micro', 'ColorSave® Dual', and 'ColorSave® 1000X'. The 'ColorSave® 1000U' model is selected. The 'Application' dropdown menu is also open, displaying a list of applications: 'ColorSave® 1000U', 'ColorSave® Micro', 'ColorSave® Dual', and 'ColorSave® 1000X'. The 'ColorSave® 1000U' application is selected. A 'Ping' button is located to the right of the IP Address and Port fields, and a green checkmark is visible to the right of the Ping button.

Figure 3-3: Machine Settings

3.2 Feeder screens

Double click a feeder on the main screen to enter the feeder's detailed screen.

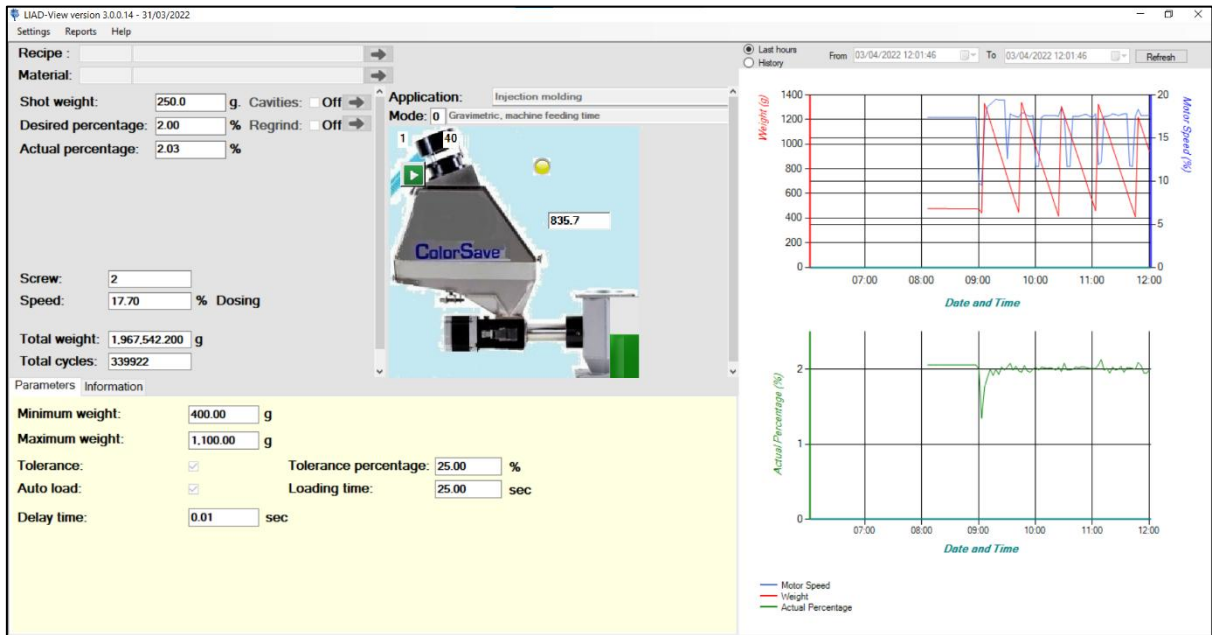


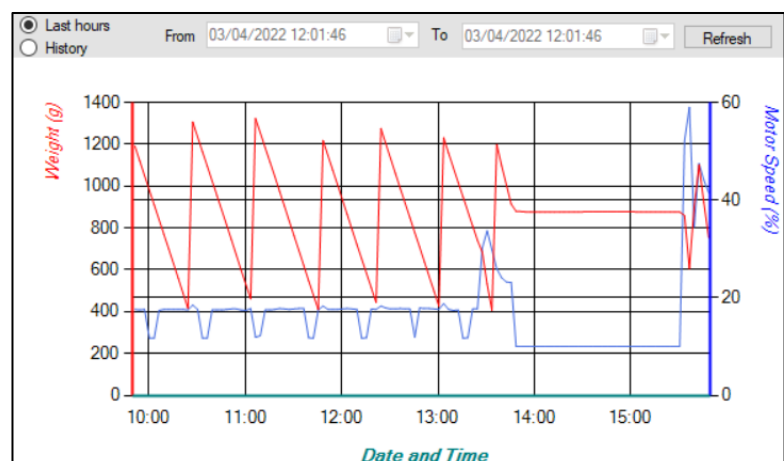
Figure 3-4: Feeder's screen

The feeder's screen presents all the feeder's set point data parameters and operations data values and graphs.

A Start/Stop button is displayed in the Feeder screen. When the system is stopped, the button shows a green Play triangle. When the system is running, the button shows a red Stop square.

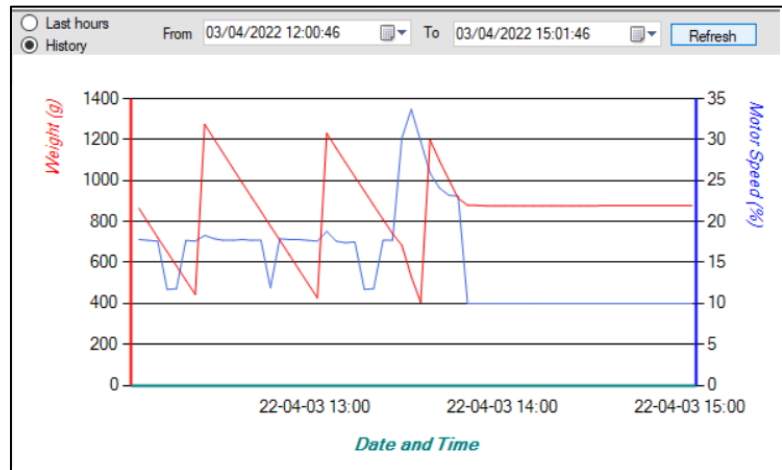
3.2.1 Graphs time selection

The last six hours is the default time span for the graphs display.



Alternatively, select History and define the time span to your preference.

History data is available based on the sampling setting. To change the sampling settings, see 3.2.2 *Machine data collection setting*, below



3.2.2 Machine data collection setting

On the menu of the Feeder's screen, select Settings-> Sampling Settings to enter the Data Collection setting screen.

Mark the Active checkbox to enable data collection (deleting the mark would result in current values availability – history data would not be available).

Select the mode of data collection – each cycle or at a fixed interval. Define the interval in minutes or seconds.

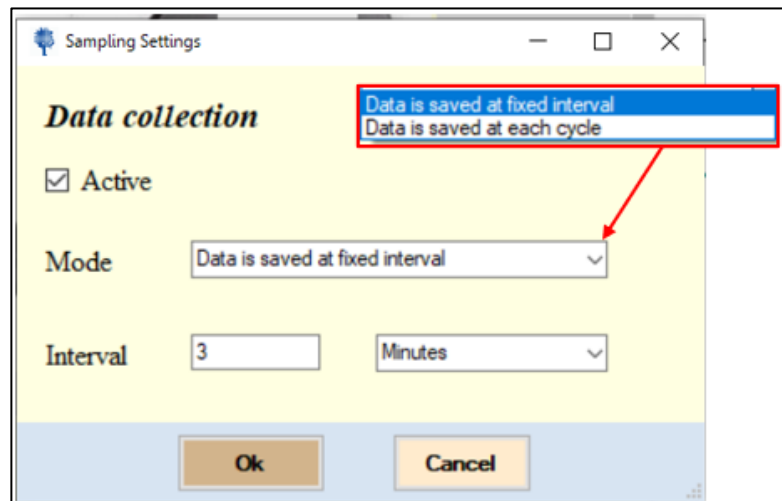


Figure 3-5: Data Collection setting screen

3.2.3Data Cleaner screen

To clean the database, select Settings -> Clean Data. Choose to clean the Machine data only or the Alarm data only or the two together. Define the cleaner start date and press Clean.

Close the screen.

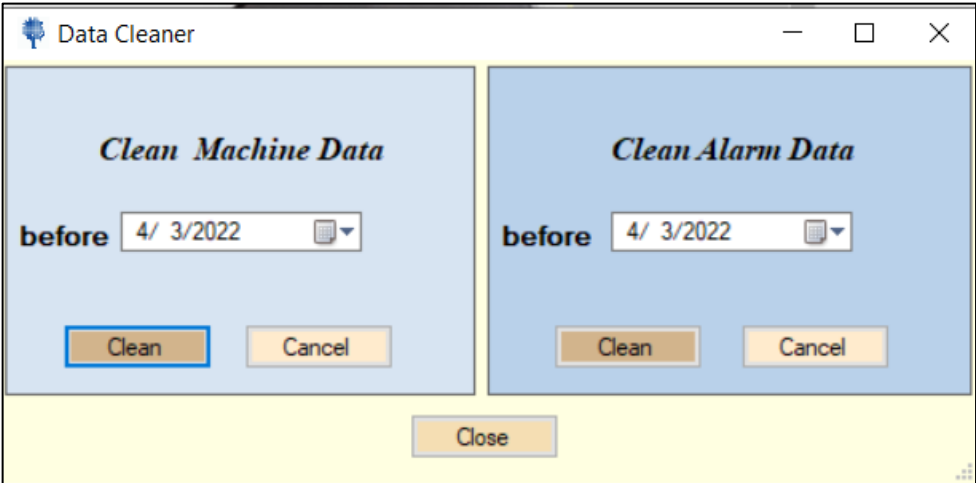


Figure 3-6: Data Cleaner screen

3.2.4Recipe screen

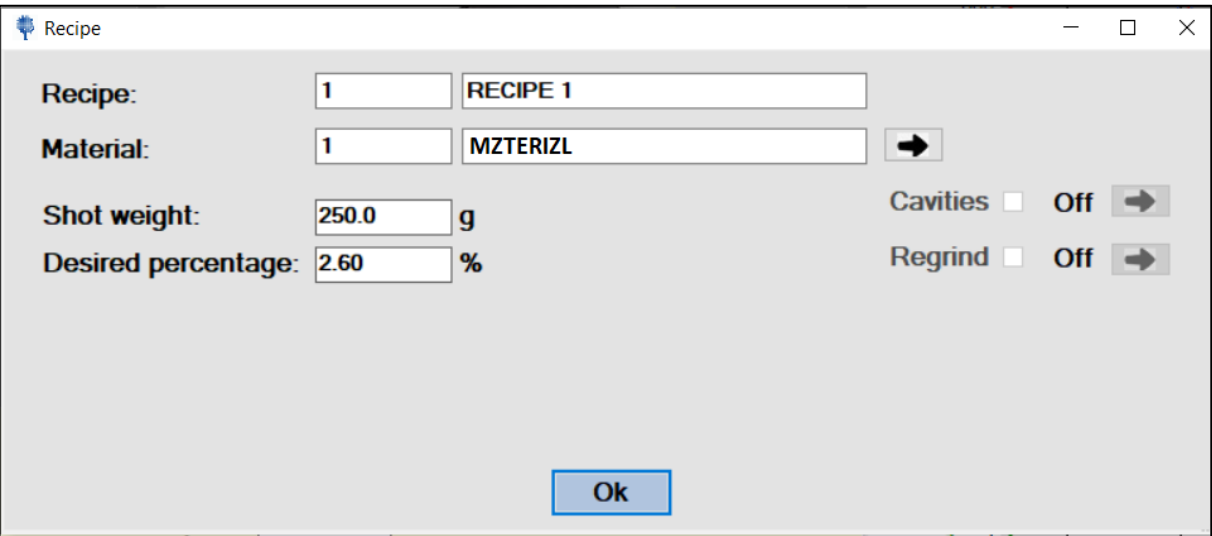
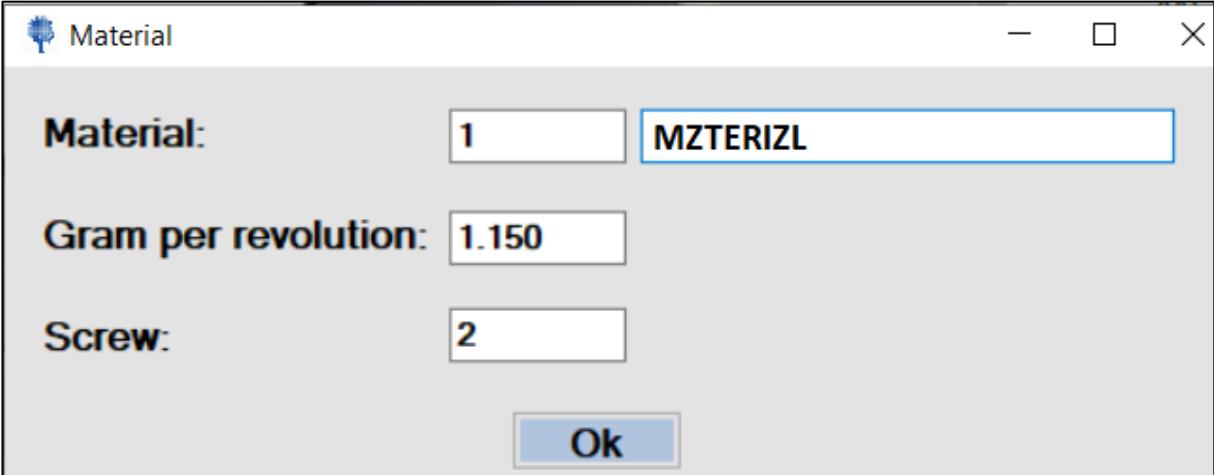


Figure 3-7: Recipe screen

On the feeder’s screen press the arrow on the right to the Recipe’s field to enter the Recipe screen. The Recipe screen details the recipe parameters.

3.2.5 Material screen



The Material screen is a window titled "Material" with a standard Windows-style title bar (minimize, maximize, close buttons). It contains three input fields: "Material:" with the value "1" and a dropdown menu showing "MZTERIZL"; "Gram per revolution:" with the value "1.150"; and "Screw:" with the value "2". An "Ok" button is located at the bottom center.

Figure 3-8: Material screen

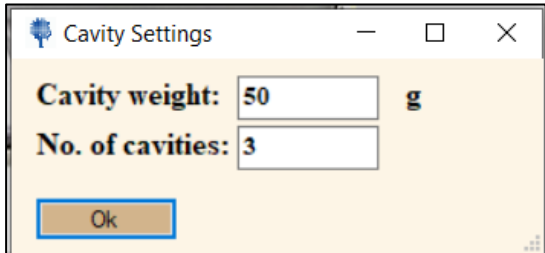
On the feeder's screen press the arrow on the right to the Material's name field to enter the Material screen. The Material's parameters are detailed here.



Note: The actual Gram per revolution can be different from the material's Gram per revolution due to actual values calculated by the ColorSave controller.

3.2.6 Cavities screen

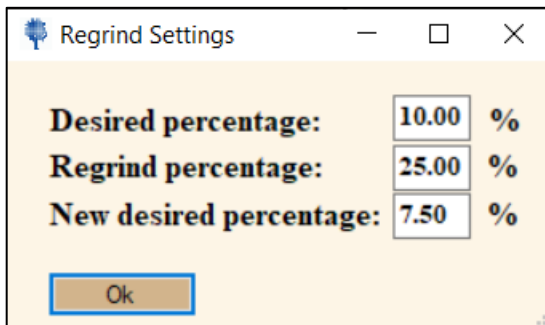
On the feeder's screen press the arrow on the right to the Cavities field to enter the Cavities screen. The number of cavities and the cavity's weight are displayed.



The Cavity Settings screen is a window titled "Cavity Settings" with a standard Windows-style title bar. It contains two input fields: "Cavity weight:" with the value "50" and a unit "g"; and "No. of cavities:" with the value "3". An "Ok" button is located at the bottom center.

3.2.7 Regrind screen

On the feeder's screen press the arrow on the right to the Regrind field to enter the Regrind screen. The new desired percentage is calculated and displayed after the desired and regrind percentage.



The Regrind Settings screen is a window titled "Regrind Settings" with a standard Windows-style title bar. It contains three input fields: "Desired percentage:" with the value "10.00" and a unit "%"; "Regrind percentage:" with the value "25.00" and a unit "%"; and "New desired percentage:" with the value "7.50" and a unit "%". An "Ok" button is located at the bottom center.

3.2.8 Parameters

The controller parameters are displayed at the bottom of the feeder's screen – left tab.

Parameters	Information
Minimum weight:	400.00 g
Maximum weight:	1.100.00 g
Tolerance:	☒ Tolerance percentage: 25.00 %
Auto load:	☒ Loading time: 25.00 sec
Delay time:	0.01 sec

3.2.9 Information

The controller information parameters are displayed at the bottom of the feeder's screen – right tab.

Parameters	Information
Version:	2022032811
Pulses:	4502
Gram per revolution:	1.150 g
Last calibration:	3/31/2022
Cycle time:	12.79 sec
Dosing time:	4.99 sec
Injection time:	0.90 sec

3.2.10 Feeder report screen

Select Feeder reports on the menu of Feeder’s screen.

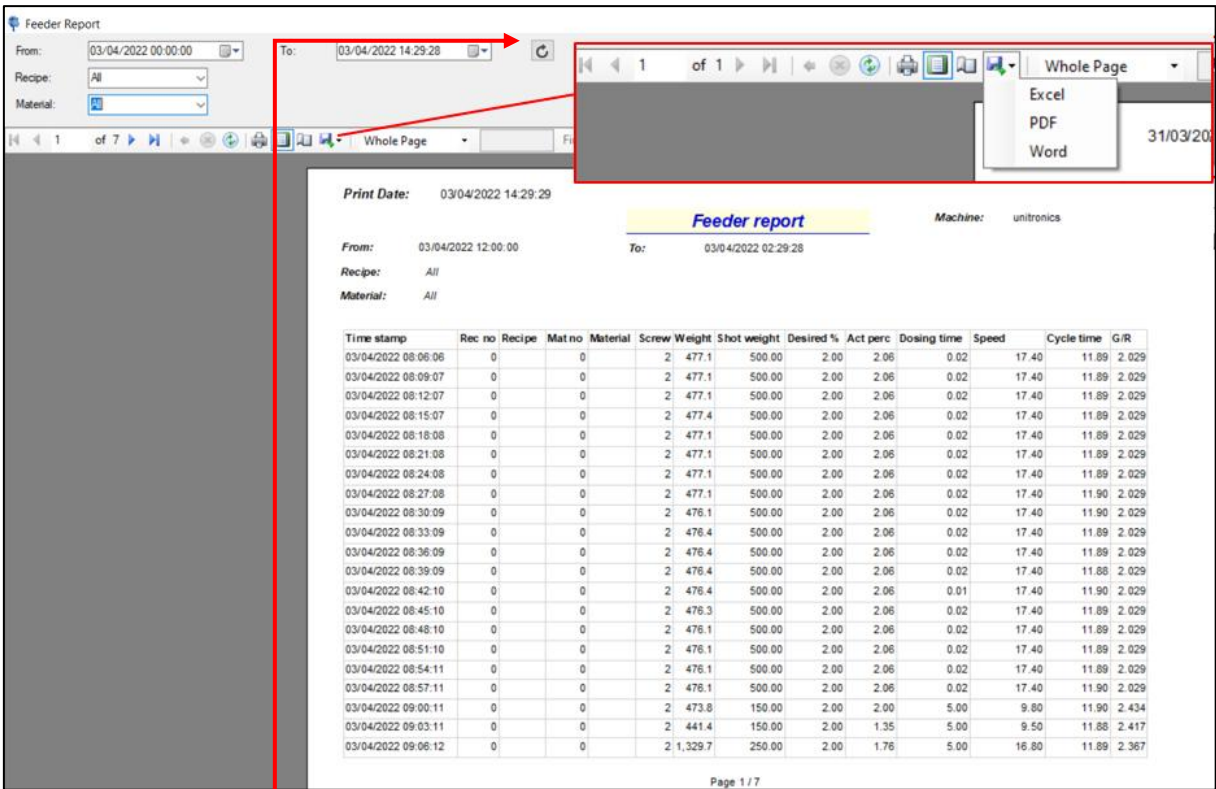
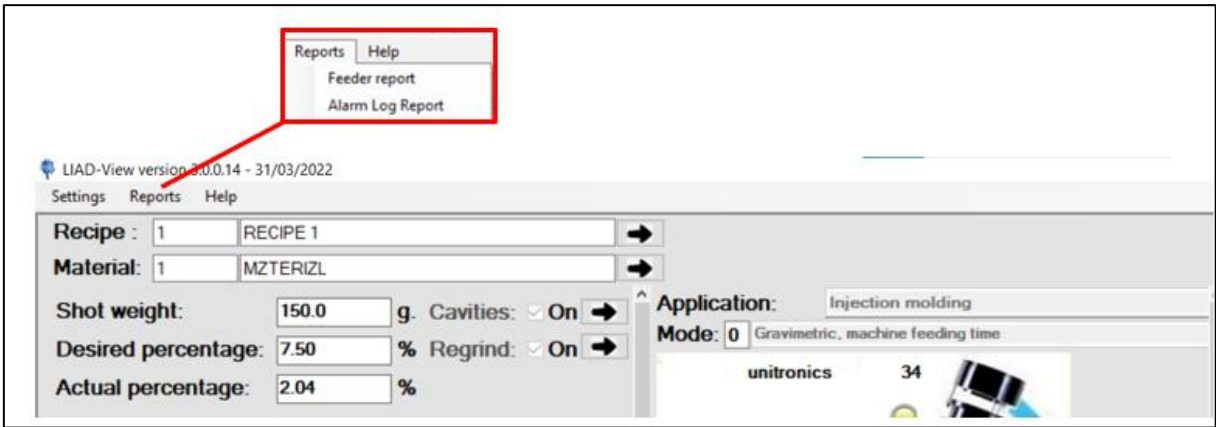


Figure 3-9: Feeder Report screen

Define the report period and Recipe and/or Material and press the refresh button on the right.

Inspect the report on screen or export the report. See Figure 3-9: Feeder Report screen, above for details about export possibilities.

3.2.11 Alarm Log report screen

Select Alarm Log Report on the menu of the Feeder's screen

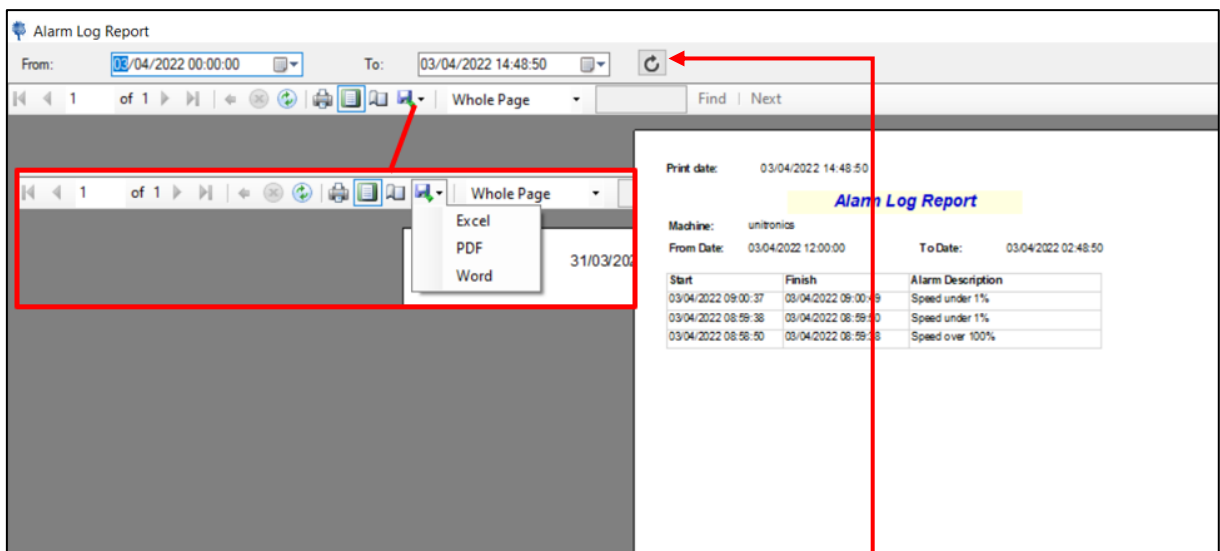
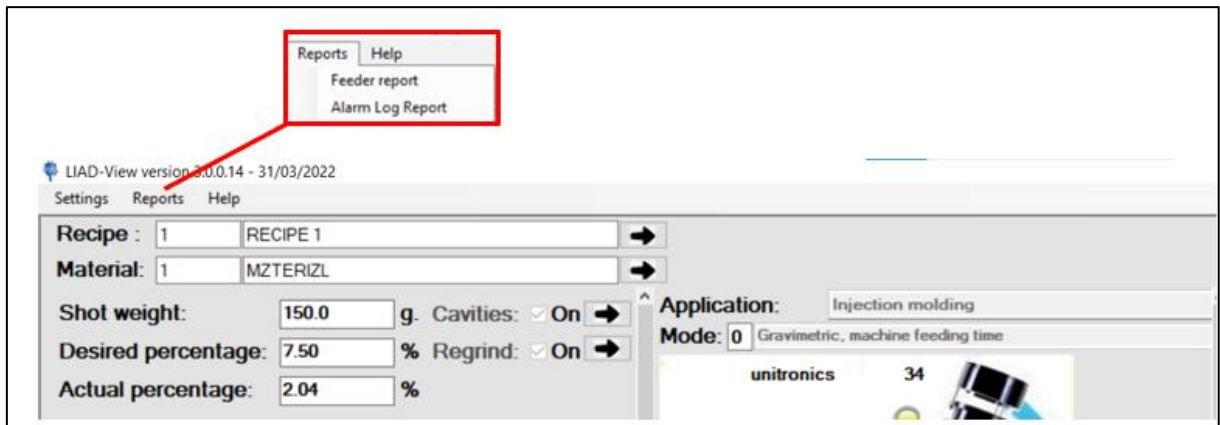


Figure 3-10: Alarm Report screen

Define the report's period and press the refresh button on the right.

Review the report on screen or export the report. See *Figure 3-10: Alarm Report screen*, on page 13 for details about export possibilities.

4. CONTACT DETAILS

Ampacet Israel Ltd

10 Sky St Misgav Industrial Park

2017400 Israel

Tel: +972 4 9028800

Office@liadsmart.com

www.Liadsmart.com

APPENDIX A. LIAD VIEW INSTALLATION GUIDE

A.1 Step 1 Download the installer from the LIAD Smart website

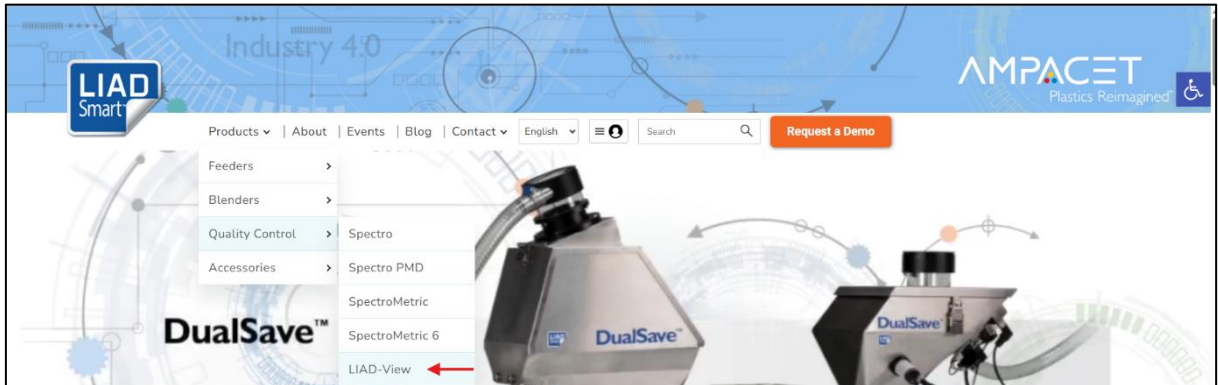


Figure 4-1: www.liadsmart.com, Navigate to the LIAD-View section

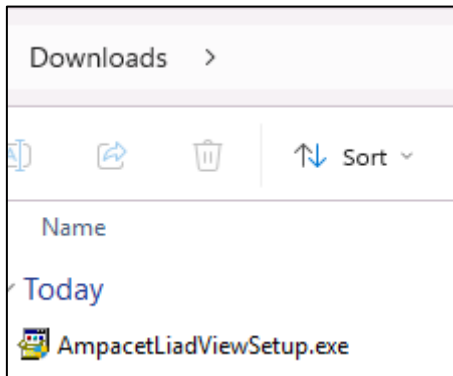
Open your browser and go to www.liadsmart.com. Navigate to the LIAD-View section on the website.

Scroll down to find the Download button and click it. A ZIP file will be downloaded to your computer.

Once the download is complete, locate the ZIP file in your Downloads folder. Right-click it and select "Extract All" to unzip the contents. You will find the file AmpacetLiadViewSetup.exe inside the extracted folder.

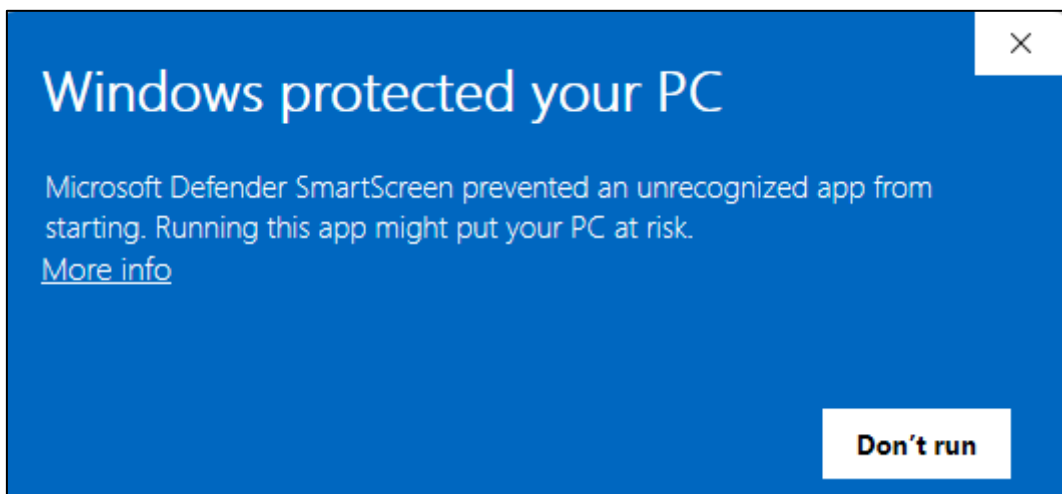
A.2 Step 2 Locate the downloaded file

Open your Downloads folder. You will find AmpacetLiadViewSetup.exe. Double-click it to start the installation.



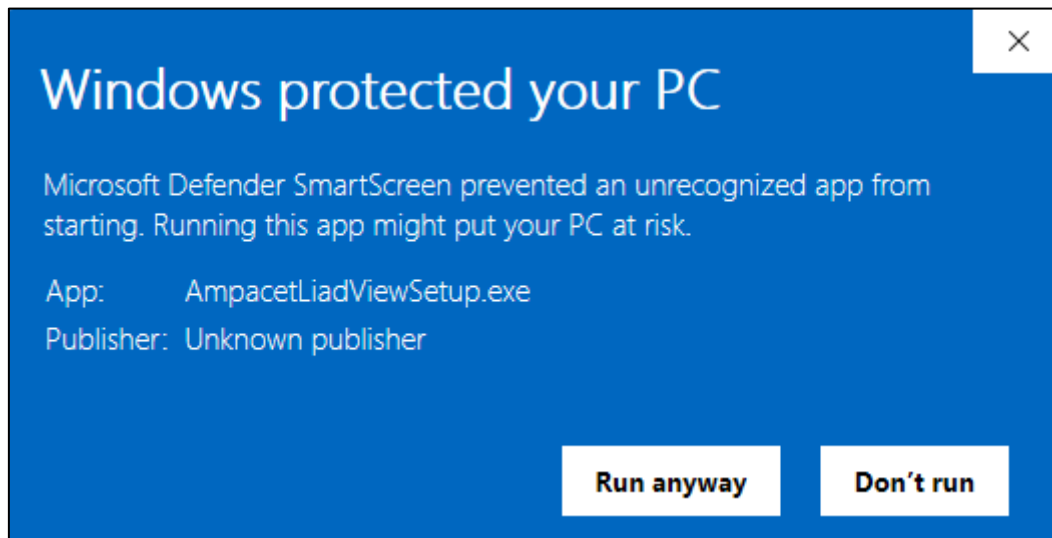
A.3 Step 3 Bypass Windows SmartScreen — click "More info"

Windows Defender SmartScreen will block the app because it is not yet recognized by Microsoft. Click "More info" to reveal the option to proceed.



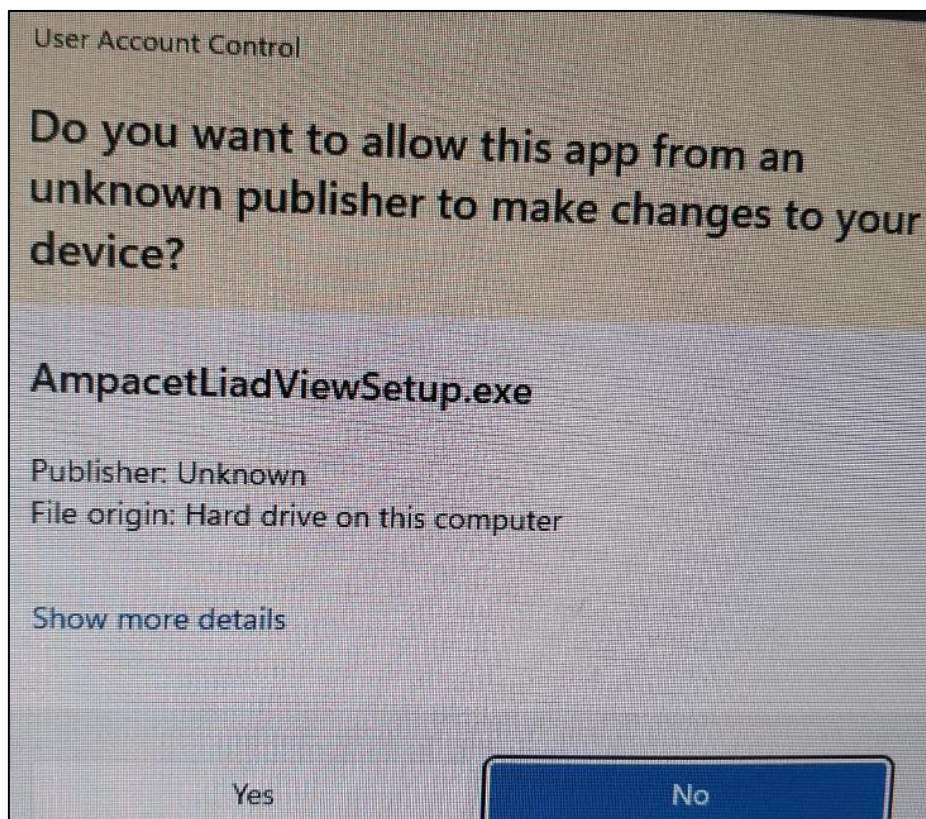
A.4 Step 4 Click "Run anyway"

After clicking "More info", a second SmartScreen screen appears showing the app name and publisher. Click "Run anyway" to continue.

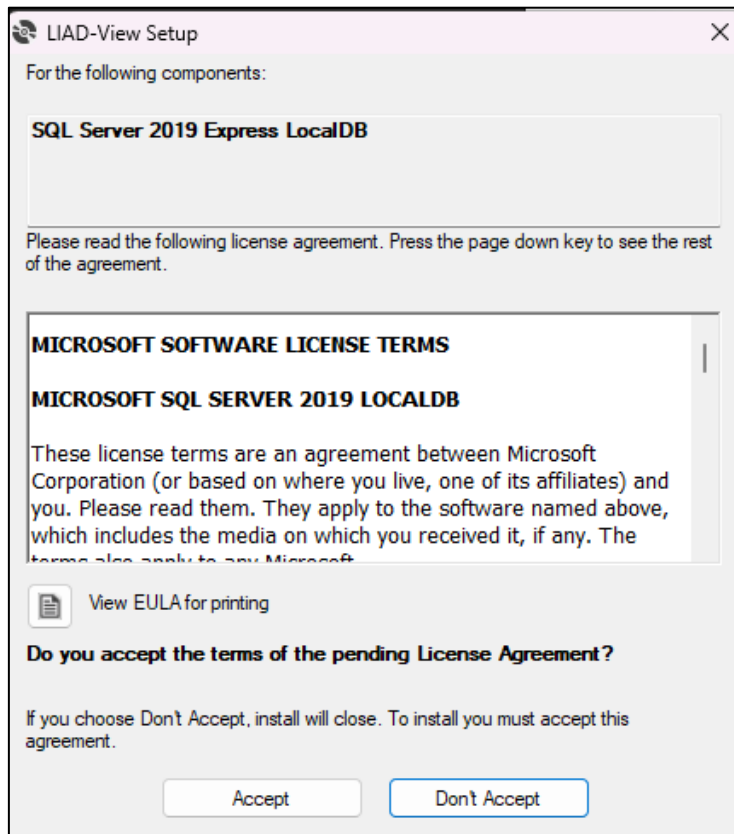


A.5 Step 5 Allow the app to make changes (UAC prompt)

Windows will ask whether you allow AmpacetLiadViewSetup.exe to make changes to your device. Click "Yes" to proceed.

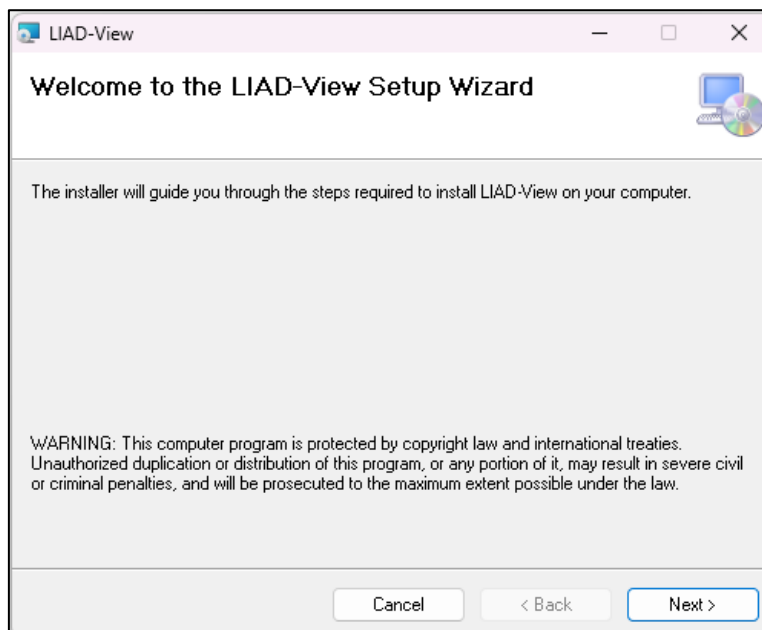


A.6 Step 6 Accept the SQL Server license agreement



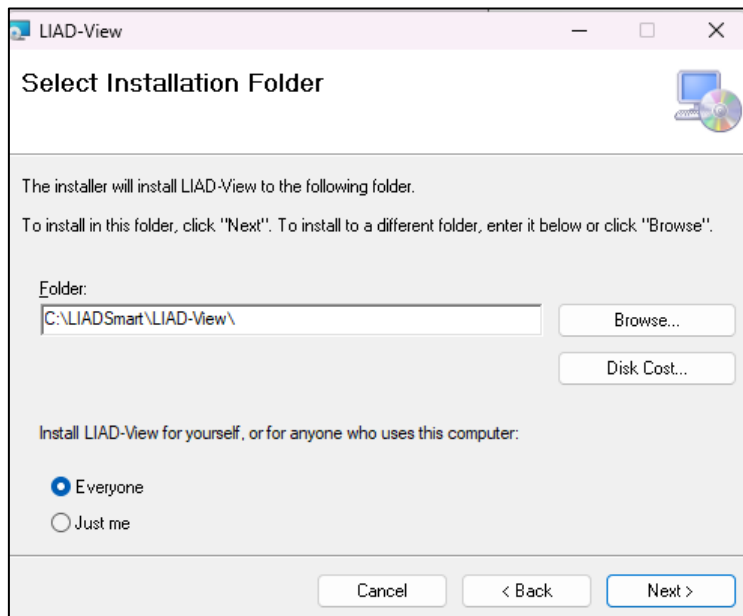
A.7 Step 7 Welcome screen — click Next

The LiadView Setup Wizard opens. Click "Next" to begin.



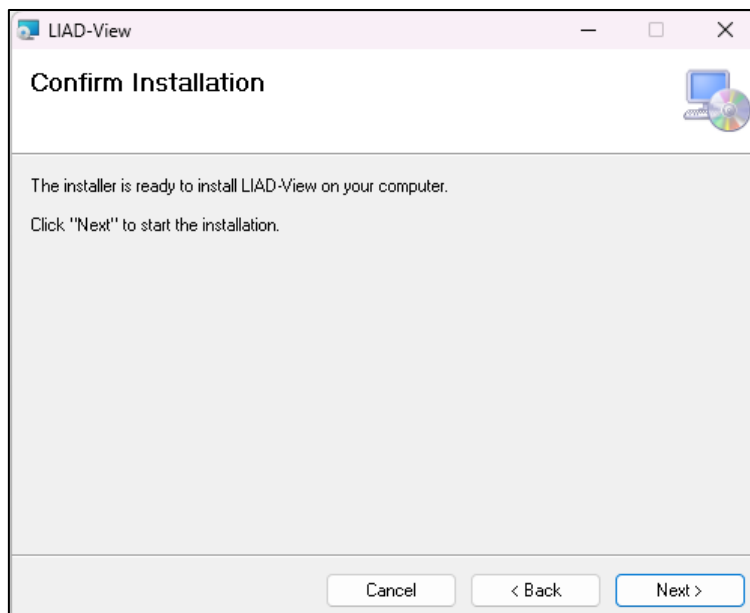
A.8 Step 8 Select installation folder — click Next

The default folder is C:\LIADSmart\LIAD-View\ . You can leave it as-is or click "Browse" to choose a different location. Select "Everyone" to install for all users on this computer, then click "Next".



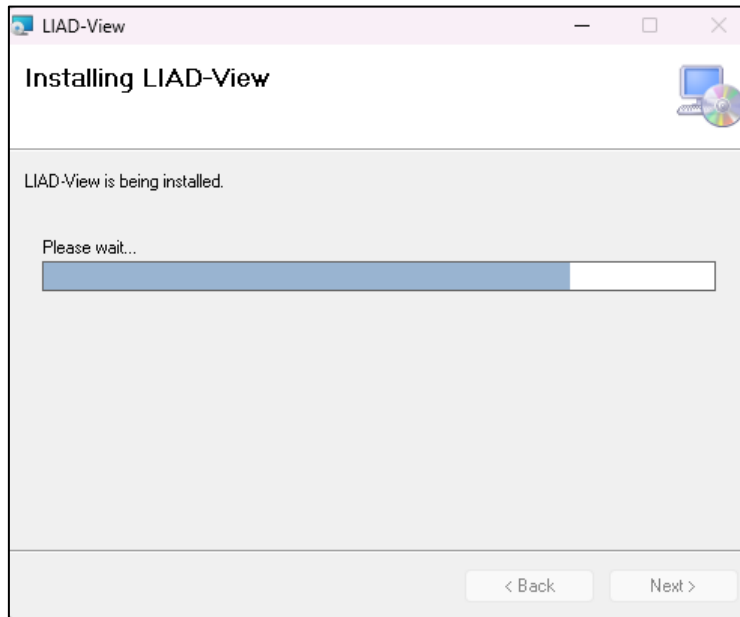
A.9 Step 9 Confirm installation — click Next

The installer is ready. Click "Next" to start copying files.



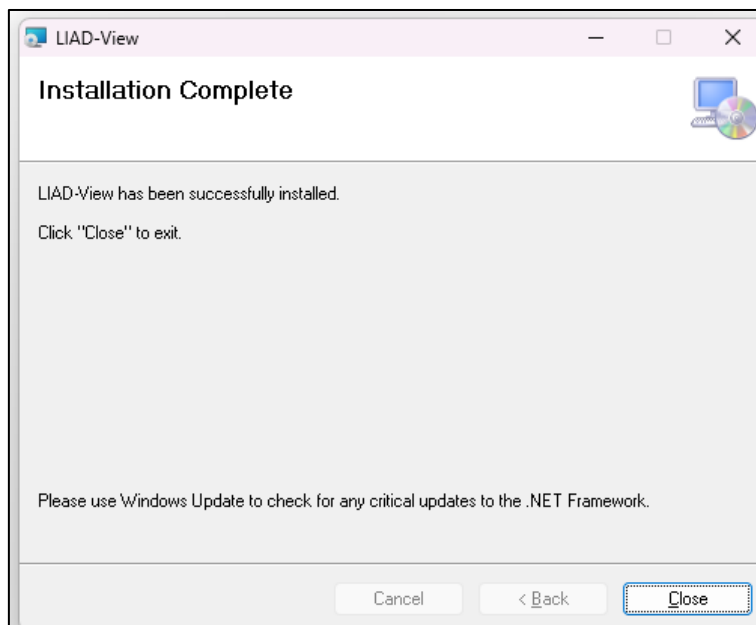
A.10 Step 10 Wait for installation to complete

A progress bar shows the installation progress. This takes about one minute. Do not close the window.



A.11 Step 11 Installation complete — click Close

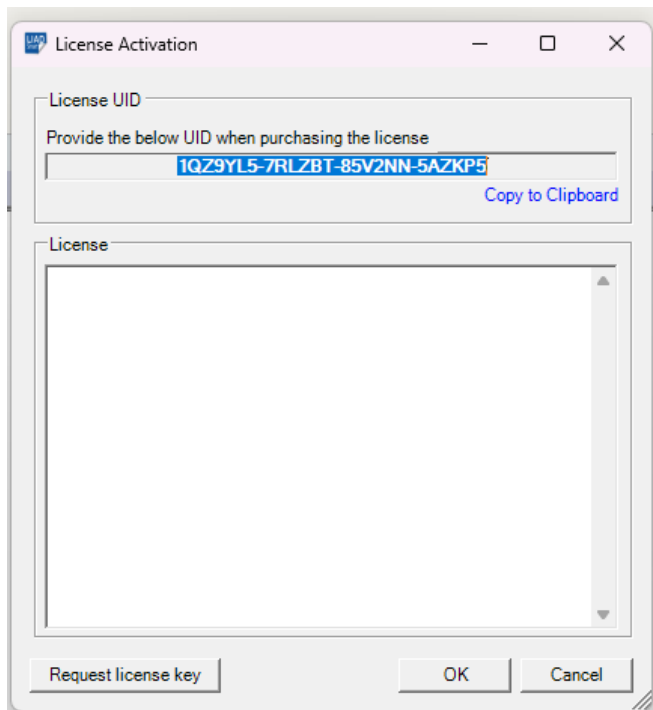
When the "Installation Complete" screen appears, click "Close" to exit the installer. LiadView is now installed on your computer.



The installer recommends running Windows Update to check for .NET Framework updates. It is good practice to do this before launching LiadView for the first time.

A.12 Step 12 Activate your license

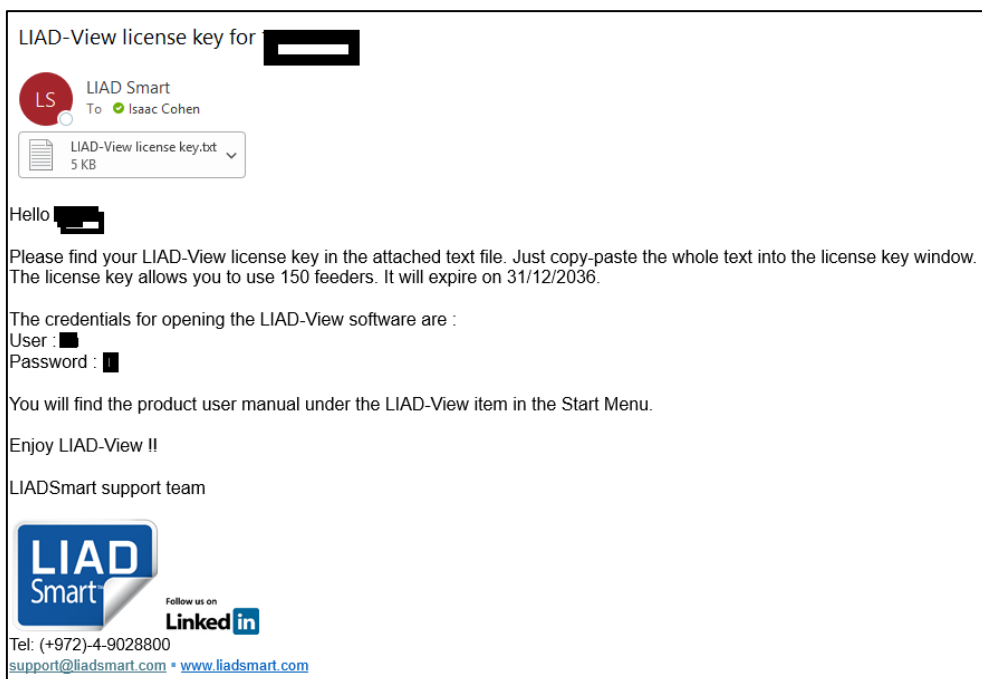
When LiadView launches for the first time, the License Activation window appears. Your machine UID is displayed at the top.



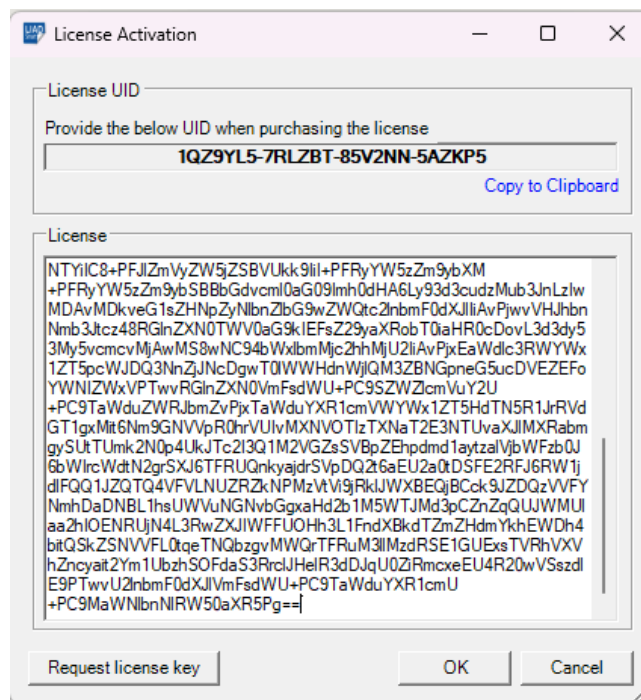
Click "Request license key". A form will open — fill in your Company, Email, and Tel, then click "Request license key". A confirmation message will appear and your request will be sent.

A.13 Step 13 Receiving the Liad view license key email

After completing the installation and requesting the license key, you will receive an email from LIAD Smart containing an attached text file with your license key.

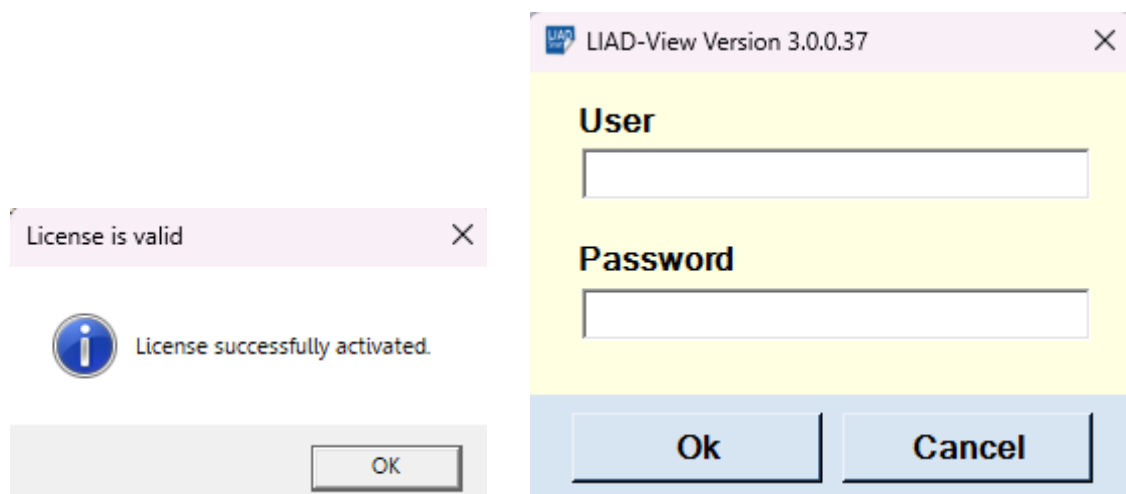


Open the attached text file, copy the entire text, and paste it into the License field in the License Activation window:



A.14 Step 14 Confirm activation and log in

A confirmation dialog will appear: "License successfully activated." Click "OK". The LiadView login screen will then open — enter your User and Password to start using the software.



User name and Password are detailed in the email message

LiadView is ready to use.

