

# SOFTWARE DESCRIPTION

# PROFIT. MANAGER



# PROFIT MANAGER

## Introduction

### INSPIRATION

As pioneers in welding automation, we at Lincoln Electric are dedicated to helping our customers unlock their full potential and achieve their business goals. Innovation is at the heart of everything we do.

With over 100 Zeman machines and more than 800 PythonX® systems in operation worldwide, we understand the vital importance of efficient software management in manufacturing. That's why we developed the ProFit™ Manager software - to optimize performance and streamline operations.

### ABOUT

The Profit Manager software is the ultimate central hub for all ProFit eco-system applications. With just a few clicks, the Manager provides a comprehensive overview and efficiently organizes all your compatible Lincoln Electric applications.



#### CENTRALIZED HUB

Experience a clear overview and seamlessly organize all compatible Zeman and PythonX applications with ease and efficiency.

#### FULL CONTROL

Easily manage your applications, features, and software licenses independently while staying up to date with the latest releases, updates, and fixes.

#### NEW FEATURES

Benefit from additional features that come with the ProFit Manager software, including software updates, third-party applications, autostart, self-installation capabilities, warning notifications, and more.



# PROFIT MANAGER

## Software Interface Details



You can effortlessly activate, install, and update machine software, making it easier than ever to keep your system up-to-date and running smoothly. The Profit Manager software runs as local App Center and a simplified Web Version.

### SIMPLE

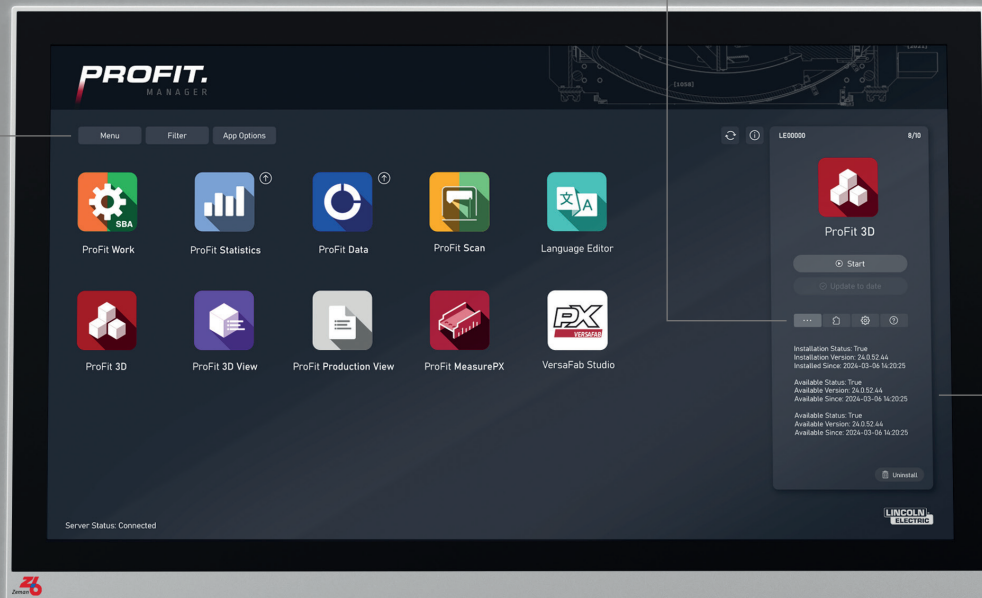
Install updates, download new applications, filter software versions, and access data with just a few clicks.

### FULL CONTROL

Manage the settings for each application and associated features.

### AT A GLANCE

Find important information about each application summarized all in one place.



# PROFIT MANAGER

## Software Interface Details



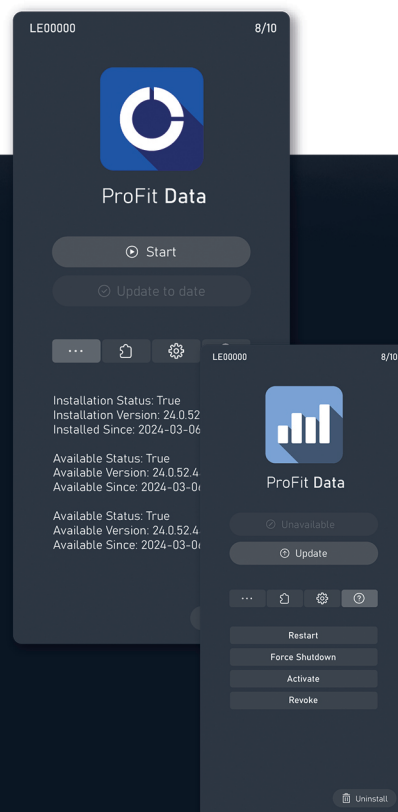
### SOFTWARE SETUP SERVICE

Our dedicated team will handle the initial setup and configuration, tailoring everything to your preferences and requirements to help make it a seamless experience.

### STAY ON TOP OF YOUR UPDATES

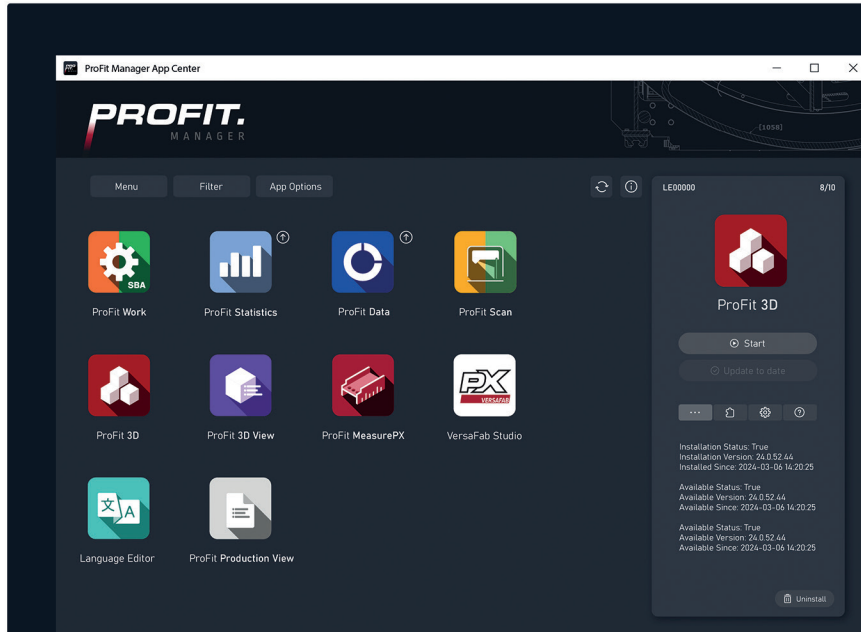
Manage software updates across workstations in one place.

With the ProFit Manager software, you'll always know exactly which software version is active or has been installed before. Click on the button with the Details Icon, and a short description will display the current status of the selected software. No more confusion or uncertainty - our software makes it easy to keep everything up-to-date.



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## Software Interface Details

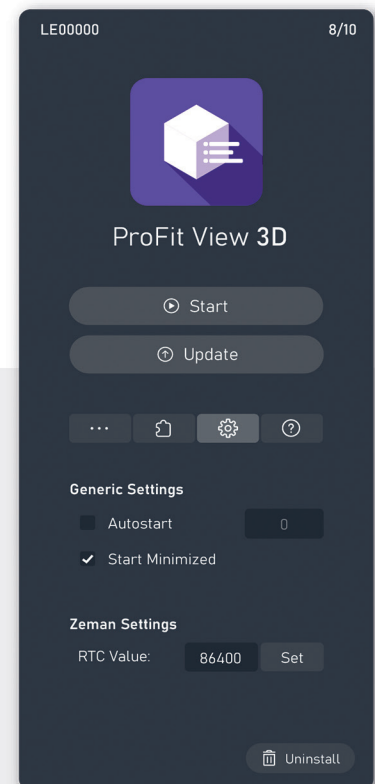


### CENTRALIZED ENTRY POINT

Access all applications from one centralized platform.

### CENTRALIZED SETTINGS FOR APPLICATIONS

Our software has received a major update to simplify settings management. Previously, each application relied on its own local settings file, making maintenance time-consuming. Now, all Zeman application settings are stored in a centralized database, allowing for seamless management of your preferences across multiple applications—faster, easier, and more efficient than ever.



### CONVENIENT SOFTWARE UPDATES

Install the latest available software version by clicking on the update button in the selected application. We verify the user level prior to installing an update to prevent unwanted updates. Once the process is complete, the software is ready for immediate use. Our software empowers operators to act independently, so that most actions can be done without Lincoln Electric's technical assistance.

# PROFIT MANAGER

## Software Overviews

### APPLICATIONS & LICENSES

Depending on the Lincoln Electric system you have installed, we will activate the associated online licenses and software for you to download from the cloud. The ProFit Manager software allows you to determine the status of each PC's license, ensuring you are always informed. You can easily track the remaining available licenses and monitor/manage the software distribution across your network. The current status of your licenses and applications (including configurations) is synchronized with the cloud.

Below, we listed an overview of the main applications within the ProFit software ecosystem.



#### ProFit Manager software **App Center & Web Application**

The central hub for starting, installing, and updating all Profit machine software. It also manages licensing for all associated applications. The application is available as a local desktop App Center and a web-based version to view software data on the go.



#### **System requirements**

- **Windows 10** or a newer version
- **Microsoft .Net Framework 4.8**
- Internet connection

### ∨ ZEMAN APPLICATIONS



#### **ProFit Work**

The main production control system for Steel Beam Assembler and Single Rail systems. Acting as the "brain" of a running production, it manages workflow and communication between components.



#### **ProFit 3D**

The main software used for preparing work for the Steel Beam Assembler and Single Rail systems. It creates the "production recipe" by defining robot paths, magnet and tacking positions, and weld sizes. It also performs collision checks and displays a full production animation.



#### **ProFit Measure 2D**

Measure2D scans beams using a laser, communicating with the robot to analyze data for precise measurements. This helps ensure accurate plate assembly and identifies ideal starting points for tacking and welding.



#### **ProFit Statistic**

Visualizes production statistics for beams, primarily in spreadsheet format. It displays key data such as estimated production times, idle times, and pause times, along with general production details.



#### **ProFit Data**

This Database interface tool modifies data, settings, and stores all relevant settings from any of your systems.



#### **ProFit Language**

Editing tool to manage language fields across all compatible applications.

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## Software Overviews



### ProFit Enspector Control

Core software for the sorting line. It monitors hardware status and connectivity, manages process flow, and issues commands to the robot.



### ProFit Enspector Scan

Quality control software utilizes scanner data to generate a 2D image and compares it to part drawings, assigning in-tolerance parts to boxes or pallets for the next production step.



### ProFit SPP

Manages orders and provides real-time status updates along with all essential data for the Smart Pallet Patroller system for efficient process monitoring and control.



### ProFit LINK

Controls the Zeman Link system, managing the pickup of plates from pallets and their space-saving placement on the parts table. It communicates with the scanner to detect the highest part on the pallet and optimizes the workflow.



### ProFit View3D

Viewer that supports various formats, such as NC and Zeman-XML, to display a 3D preview of parts, beams, or assemblies. This tool allows users to verify whether beams have been accurately exported.



### ProFit Production Viewer

Lightweight database viewer that displays production-relevant data in spreadsheet format.

## ✓ PYTHONX APPLICATIONS



### VersaFab™ Studio

Machine operation software for the PythonX Structural system which features all machine functions such as material conveyance, system status, 3D visual part view and path planning. This powerful software is easy to use and is available in several languages.



### ProFit Measure PX

Measure structural material in 2D with MeasureX. This software allows for quick measurements of material being processed within the PythonX system without the need for touch sensing.



More is on the way! We are continuously working on expanding our portfolio and integrating more Lincoln Electric software into the ProFit software ecosystem.

# PROFIT MANAGER

## First Installation and App Integration

• MACHINE DELIVERY

### 01 SOFTWARE INSTALLATION

Your new Zeman or PythonX machine comes pre-installed with our latest ProFit Manager application. There is no action required from your side, our team will handle everything.

• COMMISSIONING

### 02 TRAINING

During commissioning, our expert team will guide you through the software and provide you with the necessary training to ensure a smooth and efficient start.

• COMMISSIONING ACCEPTANCE

### 03 USAGE AND UPDATES

Should you encounter any issues or need further assistance, please reach out to our support teams at [ZemanSupport@LincolnElectric.com](mailto:ZemanSupport@LincolnElectric.com) (Zeman systems) or [Info@PythonX.com](mailto:Info@PythonX.com) (PythonX systems).

Make sure your software is up to date with the latest version, as software updates may fix the issue you're experiencing. The symbol  next to the app icon indicates that a software update is available.

#### INTEGRATE A NEW PROFIT APPLICATION SOFTWARE

Every upcoming software that can be integrated into the Manager software will be added to your interface, after purchase. As a result, all apps are seamlessly integrated into a single, unified interface and can easily be accessed across your network.

#### UPGRADE TO THE PROFIT MANAGER SOFTWARE

If you already have a machine that is compatible with the ProFit Manager application software, reach out to us for an upgrade.



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AUTOMATION

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## Contact

### DID WE PIQUE YOUR INTEREST?

Awesome! You can request the upgrade or ask further questions about the software by sending an email to:

**ZemanSupport@LincolnElectric.com** or **Info@PythonX.com**

If you're unsure whether to upgrade or stick to your old system, our team is here to help you make an informed decision. Just let us know how we can assist you.



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