AutoStore™
Essentials Software
Package

The All-in-one
software package

A single software bundle with everything you need to maximize your warehouse operations with AutoStore.

Speed, agility, and data are critical to modern warehouse operations. The performance of warehouse automation projects is no longer just about effective robotics technology. Success of any new automation implementation is dependent on the software systems selected alongside your hardware. However, choosing the right software can be complicated. The options can be endless. There can also be high complexity when trying to choose the right combination of software systems and hardware configurations and break down data silos.

All the Essentials for your AutoStore and maximum performance

Software is critical to the overall performance and efficiency of your AutoStore. It has significant impact in helping to optimize critical system functions such as routing optimal Robot pathways and enhancing Bin retrieval times, overall system uptime, workstation productivity and more.

Essentials is a complete software package giving you all the tools you need to maximize the operations of your AutoStore. So, you can focus on what matters most—growing your business.

One bundle, all the software you need to get started with AutoStore

✔ A single, easy-to-manage license package.

✔ All required software applications included – no add-ons needed.

✔ Software updates included - get software enhancements & new features with no additional costs.

Core Cube Controls

Advanced, market leading productivity and operational applications to enhance performance and for unbeatable efficiency and 24/7 operations.

Native Data Analytics Platform

Leverage data insights with powerful reporting and data visualization tools to support and enhance decision making.

Benefits of Essentials

Maximize the value & performance of your AutoStore

Every AutoStore configuration is unique, and your fulfillment needs are dynamic. With a suite of advanced integrated software solutions, Essentials ensures your AutoStore can adapt and operate at maximum efficiency for current demand. Not only that, but the included software updates mean you can receive performance enhancements to your existing system with no extra cost, configuration, or installation.

Enhanced Data Visibility & Improved Operational Insights
Get the whole picture with near-real-time data insights to identify actions and opportunities to optimize productivity and speed up decision making with actionable insights for key operational processes.

Smooth Daily Operations
Manage operations, not systems. Essentials helps to reduce service and maintenace demands with advanced automation. Background system monitoring optimizes overall performance and executes proactive actions to prevent problems before they occur.

Trusted Performance & Reliability
AutoStore offers market-leading global system uptime of 99.7%. This industry benchmark performance is achieved through the proven reliability and capabilities of the advanced operating software to maintain smooth operations and minimize potential disruptions.

Continuous Value
Updates aren't just for bug fixing. We never stop developing our software suite to improve the efficiency and performance of our software, as well as adding new capabilities. Essentials means your AutoStore solution will never stand still, delivering real long-term value and scalability.

Complete Overview of Essentials Package

Data Analytics & Reporting

Unify Connect™ & Unify Analytics™:
Pulls data and leverage near-real-time data insight to recommend actions that drive productivity improvements and enhance decision-making speed and quality.

- A data analytics application for easy reporting workflows

- Pulls data from multiple AutoStore modules for total operational visibility

- Powerful dashboard and data-visualization tools

- Customization & integration options
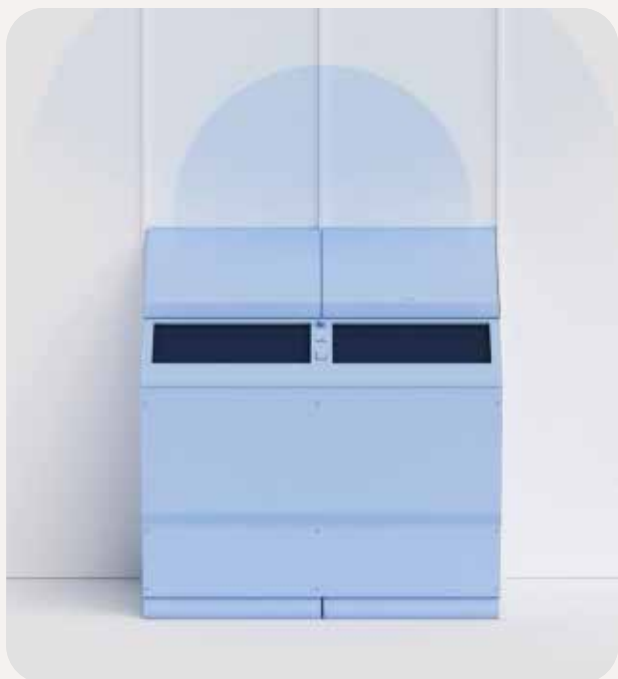
Core Cube Control & System Management

Local hosting with AutoStore Controller module

Router™:

Our advanced Robot orchestration software, which dynamically assigns tasks and transport routes to Robots. This ensures always optimized retrieval transport routes for items from storage and reduces order cycle time.

- Advanced proprietary algorithms recalculate optimal pathways for Robots every second
- Ensure always optimized picking for current demand.
- Continuously updated to boost performance & Robot efficiency

Xhandler:

Automated monitoring and diagnostics tool. Automates troubleshooting and takes preventative action to identify and fix errors without manual intervention, plus optimizes overall system performance.

Driver:

Manages full Grid orchestration to operate and backup all hardware modules.

Charge Manager:

Automated management of Robot charging. Optimizes charging schedule to maintain efficiency and operational continuity. For example, executing opportunistic charging during quite periods with lower demand. Also helps manage and avoid excessive charging.

Backup:

Executes automatic back up of the system state. Maintains operational continuity for "hot swapping" of the Grid Controller hardware, or in case of complete power failure in your warehouse.

Console:

Allows AutoStore superusers to control the system in real time, enabling them to execute required safety and maintenance protocols.