AHEAD

Engineered Solutions

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Successfully building out repeatable infrastructure solutions relies on your partner meeting three simple expectations: getting the foundational technologies where, when, and how they're needed. But executing on that is anything but simple. Success is only achieved after a million moving pieces come together into a cohesive deployment that's accurate and easy to implement and maintain.

When expectations are as intense as the challenges at hand, AHEAD Engineered Solutions confidently goes where no others can. A unique combination of custom hardware design, scaled rack and edge integration, and global logistics is seamlessly orchestrated to accelerate and achieve the desired outcomes for your infrastructure across data centers and networks.

Achieving seamless orchestration with AHEAD is possible because of the automation technology that brings traceability and control to clients' hardware supply chain operations, systems integration, lifecycle management, and asset management.

Client Challenges

VARIABILITY
Managing variable scalability and technical requirements across multi-site deployments

VISIBILITY
Unpredictable completion dates due to lack of visibility into status through manufacturing, logistics, and shipping
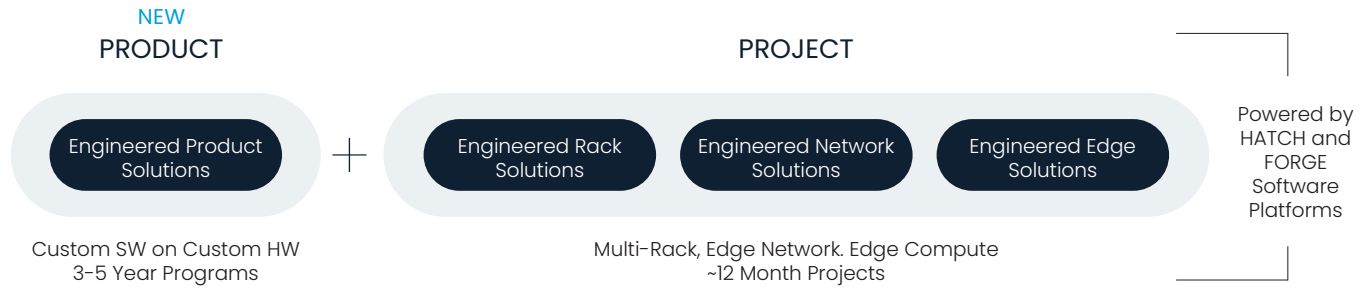
CUSTOMIZATION
Limitations of manipulating off-the-shelf servers to integrate non-standard components

RESOURCES
Under-resourced IT teams tasked to implement and maintain applications in geographically dispersed locations

CONSISTENCY
Lack of automated quality control in configuring, testing and securing systems to prevent errors

CONSOLIDATION
Using disparate manual spreadsheets to track assets, costs, warranties, and more on an enterprise-wide scale

Offerings

PRODUCT

PROJECT

Engineered Product Solutions

+

Engineered Rack Solutions

Engineered Network Solutions

Engineered Edge Solutions

Powered by HATCH and FORGE Software Platforms

Custom SW on Custom HW
3-5 Year Programs

Multi-Rack, Edge Network. Edge Compute
~12 Month Projects

ADVANTAGES

> Customized hardware systems
> OT edge build specialists
> Hyperscale & distributed rack integration

> Automated system configuration & verification
> Real time manufacturing & deployment visibility

> Centralized, comprehensive product data repository
> API integration for data exchange

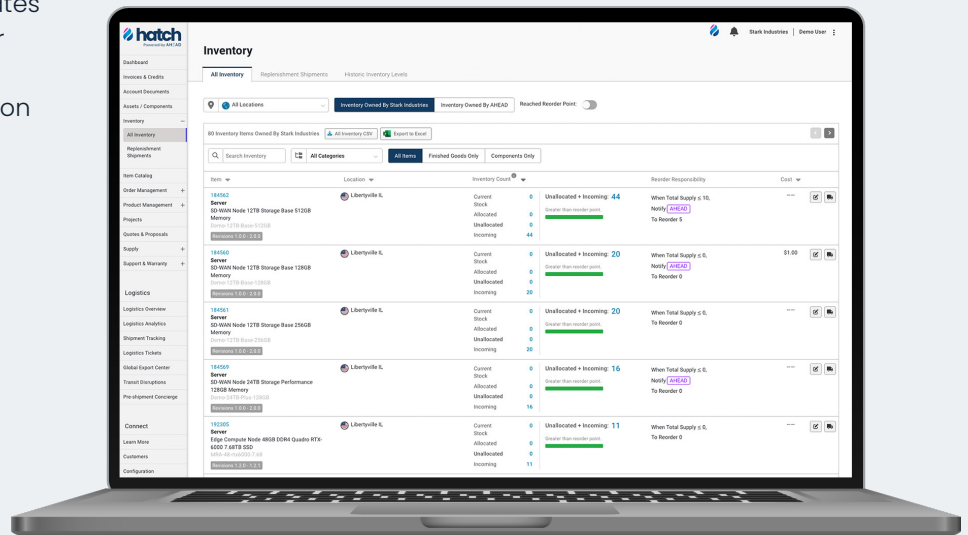# Platforms Powered by AHEAD

hatch
Powered by AHEAD

ADVANCED HARDWARE SUPPLY CHAIN ORCHESTRATION

Gain transparency, traceability, and control over your hardware operations using the industry's most comprehensive software for managing complex hardware supply chains.

Hatch orchestrates hardware supply chain operations and consolidates data into actionable insights for intelligent business decisions. It revolutionizes hardware execution by transforming how hardware teams work. Purpose-built for the complexities of hardware management, Hatch provides the tools and transparency to plan, manage, deploy, and maintain hardware assets throughout their lifecycle, all within a user-friendly platform.

Streamlined Hardware Management

HATCH LOGISTICS

Reduce the resources, burden and risks associated with managing global IT logistics, with a Global Knowledge Hub detailing country-level requirements.

- Interactive workspace that becomes a single point of data integration for deployed IT assets, with an intuitive dashboard displaying real-time visibility to open orders and recent shipments
- Asset management for visibility to track aging assets in the field and asset SKUs for AHEAD engineered solutions
- Logistics coverage for deployments into 185 countries plus reverse logistics to relocate or return IT assets, both domestic and international
- International concierge services including in-transit remediation services for minimizing potential shipment disruptions

HATCH CONNECT

Enterprise eCommerce platform used by remote IT teams to manage their procurement-to-delivery process in an "Amazon-like" style.

- Data-driven platform deployed using your domain and branding, providing downstream data visibility to remote location IT teams
- Automatically imports procurement orders managed in Hatch and gives a bird's eye view of orders in progress and fulfilled specifically to their location
- Reduces overhead and cost of IT support services by giving remote IT point-and-click access to status and delivery updates
- Setup Wizard quickly facilitates portal customization with your logo and colors, with easy-to-navigate fields to input data

FORGE
Powered by AHEAD

AUTOMATED MANUFACTURING & QC INFRASTRUCTURE

Transparency and uniformity are fundamental to orchestrating your hardware operations. Forge automated manufacturing infrastructure is the backbone that assures that no matter what facility your hardware systems are being integrated, they are configured, tested and verified in exactly the same way through multiple QC checks. The data exchanged between Hatch and Forge gives you real-time visibility to your product builds as they move through each manufacturing stage, saving the time and frustration of multiple phone calls and emails for status updates.

AHEAD
Accelerate Your Impact

Learn more at
www.ahead.com