



Real-time data, superb service

Mohawk Industries boosts productivity and performance with SAP HANA running on Vblock with Cisco Unified Computing System™.

“When our strategic partners work together, we can turn the unimaginable into real benefits.”

- Jana Kanyadan, CIO, Mohawk Industries

Whether someone is on a sales call or checking plant equipment, access to up-to-date information helps people work smarter and give customers a better experience.

Challenges

- Improve productivity and customer satisfaction with real-time information
- Shift from reactive to proactive to predictive management
- Deploy simplified, cloud-enabled IT infrastructure

Mohawk Industries is the world’s largest flooring company, providing residential and commercial flooring to customers big and small. Since its start as a carpet mill in 1875, the company has grown through innovative product lines, trusted brands, and a commitment to excellent customer service.

“Over the past few years, we’ve come to realize that timely access to actionable data can help us become more agile and a key competitive differentiator,” says Jana Kanyadan, chief information officer (CIO) at Mohawk Industries. “We didn’t want to be reactive; we want to be real time and forward looking, acting on information as events unfold and even predicting issues before they occur.”

Kanyadan recognized that SAP HANA was the key to providing real-time, actionable information with in-memory analytics capabilities. Working with trusted partners Cisco, VCE, EMC, and VMware, Mohawk implemented a state-of-the-art hybrid cloud environment based on Vblock Systems converged infrastructure technology for simple management and the power to get the most out of SAP HANA.

Case Study | Mohawk Industries

Size: 32,000 Employees

Location: Calhoun, GA

Industry: Manufacturing





The Vblock solution is simple, reduces cost, and most importantly, is powerful enough for SAP HANA and real-time analytics.

Solutions

- Deployed converged, hybrid cloud environment based on Vblock technology with Cisco, EMC, and VMware to reduce maintenance
- Achieved real-time analytics with SAP HANA

Converged databases, real-time performance

With SAP HANA, we're bringing market data, machine data, and ERP-system-based transactional data to one database so that all departments can get the information that they need instantly. Sales staff can be more competitive by accessing up-to-date customer profiles and promotions, while real-time feedback on plant maintenance saves us millions by improving quality.

Converged environment out of the box

"We had all of the building blocks in place, Cisco, EMC, and VMware, but we wanted an easier, less-expensive, smarter way to operate the entire landscape," says Jevin Jensen, vice president of global infrastructure. "VCE Vblock consolidates everything into a reliable preconfigured, pretested environment."

Superior power from Cisco



The Cisco Unified Computing System (Cisco UCS®) B460 M4 Blade Server is a key part of bringing our environment to life. We can run thousands of applications, including ERP, warehouse management, finance, and even SAP HANA, without compromising performance.

Simple management, high efficiency

Vblock Systems dramatically reduce maintenance and management, increasing our operating, infrastructure, and cost efficiency.

Delivering fast data

Previously, we would run all reports at night to reduce load, but now we can run reports multiple times a day or even multiple times within an hour. Staff can test new scenarios without waiting for results, boosting productivity.





Results

- Improved analytics performance 50 percent compared to previous environment
- Saved \$4 million in operational efficiency through quality improvement
- Reduced implementation costs by 32 percent

Efficiency through automation

To support the next phase of our business transformation, we are currently upgrading to VMware vCloud Suite to take advantage of automatic provisioning and better visibility into the virtual server environment.

“Vblock Systems allow us to do things that many couldn’t imagine possible” says Kanyadan. “We’re just scratching the surface in terms of reducing cost, simplifying landscape, improving efficiencies and most importantly, identifying growth opportunities for the business.”

Products & Services

<p>VCE Vblock Systems</p> <ul style="list-style-type: none"> • Cisco UCS B460 M4 Blade Server • EMC storage • VMware 	<p>Network Management</p> <ul style="list-style-type: none"> • Cisco UCS Manager • Cisco Prime™ Data Center Network Manager
<p>Data Center</p> <ul style="list-style-type: none"> • Cisco UCS 5108 Blade Server Chassis 	<p>Operating System</p> <ul style="list-style-type: none"> • Windows, Linux, and AIX
<p>Routing and Switching</p> <ul style="list-style-type: none"> • Cisco Nexus® 5596U Switch • Cisco MDS 9148 Multilayer Fabric Switch 	<p>Applications</p> <ul style="list-style-type: none"> • SAP HANA • SAP Analytics, Business Warehouse, ERP, CRM, Finance
<p>Fabric Interconnect</p> <ul style="list-style-type: none"> • Cisco UCS 6248UP 48-Port Fabric Interconnect 	



Americas Headquarters
 Cisco Systems, Inc.
 San Jose, CA

Asia Pacific Headquarters
 Cisco Systems (USA) Pte. Ltd.
 Singapore

Europe Headquarters
 Cisco Systems International BV Amsterdam,
 The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)