Modernized Legacy IBMi Management System Boosts Plant Productivity

For Mission Produce

Mission Produce is the world leader in producing, distributing and marketing fresh Hass avocados. Headquartered in Oxnard, California, Mission Produce operates packing facilities in five countries and own eight regional ripening centers in North America. The company provides customers all over the world with the complete package—year-round supply, global availability and value-added services.

Established in 1983

Facilities in 5 Countries

The World's Largest Packing Facility in Peru

Behind the Scenes

Mission Produce was using an IBM AS400 system for the logistics and supply chain management of its production plant. Data is stored on this AS400 system, which is reliable but has an outdated legacy workflows. This has created a significantly longer manual processes and additional overhead to run daily operations— hampering the overall performance.

How Modernization Has Helped Mission Produce Reduce Its Avocado Spoilage.

1 Strategy and Objectives

Mission Produce wanted to set the bar high for supply chain management, compliance and general business reporting of its new production plant in Peru. They wanted a modern system that could ensure lower operational cost and higher efficiency

▌ **Fully automated and robust supply chain management process**

▌ **Improve supply chain visibility and operational efficiency**

▌ **Provide real-time status report to boost performance**

2 Value Chain

All critical business processes from source to warehouse to distribution need to be built into the modernized application. The application must be built with the capability to manage and monitor multi-thread role based operations of product distribution

❚ **Modernization**
❚ **Automation**
❚ **Supply chain reporting**

3 Enablers

Mission Produce built a service oriented architecture (SOA) application for the new plant in Peru. All critical business processes are built into the modernized application and data is integrated on a single system for better coordination. The application is fully responsive, giving users the flexibility to access and update records while on the move. It also provides an easy and intuitive interface for employees to manage and track supply chain activity.

❚ **Zend Framework— for building modern and robust supply chain management process**
❚ **API Integration— seamlessly integrated with their legacy IBMi/DB2 system**
❚ **BI Report— for better decision making with insights**

4 Digital Capital Delivered

The modern application is helping Mission Produce to improve their supply chain management and operational efficiency, resulting in lower overhead and operational costs. Mission Produce now knows what's happening at all levels to make better decisions with the system's real-time status report capability. Data from the Peru plant is also being fed back to the legacy system for reporting and compliance monitoring purposes.

Higher speed of operation and enhanced productivity

Improved real time status report capability

Easy to scale and maintain for the future business need

ABOUT US

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