

# MISSION PRODUCE

Modernization of a legacy IBMi management system.

## THE CHALLENGE

Mission Produce was using a legacy IBM AS400 system for their logistics and supply chain management. This required significant manual processes and additional overhead to run daily operations, preventing Mission Produce from running their business efficiently. They were facing challenges with supply chain management, compliance and general business reports. They wanted a modern system to help ensure the success of their new production plant in Peru.

## THE SOLUTION

Mission Produce collaborated with OSSCube to build a service oriented architecture (SOA) application for the new plant in Peru. This new application is powered by Zend Framework and seamlessly integrated with their legacy IBMi/DB2 system. All critical business processes from source to warehouse to distribution are built into the modernized application. The application is built with the capability to manage and monitor multi-thread role based operations of product distribution. 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.

Some major benefits include:

- ▣ Modern and robust supply chain management process
- ▣ Increased automation capability for faster operation
- ▣ Consistent process to easily collaborate with different departments
- ▣ Extensive role based access to the application
- ▣ Integrated data on a single system for better coordination
- ▣ Real time status report capability



Mission Produce was founded in 1983 and has since grown to become one of the largest producers of avocados in the world. Mission Produce's success comes from experienced staff, highly efficient ripening and distribution facilities, and global network of growers.

Mission Produce was the first company to supply ripe avocados to retail, wholesale, and foodservice customers nationwide. They designed state-of-the-art facilities to deliver perfectly ripe fruit at delivery, reducing customer inventory management and enhancing transportation efficiency. Mission Produce customers are ensured a consistent flow of fresh products on an as-needed basis.

### PROJECT:

Legacy Application Modernization

### INDUSTRY:

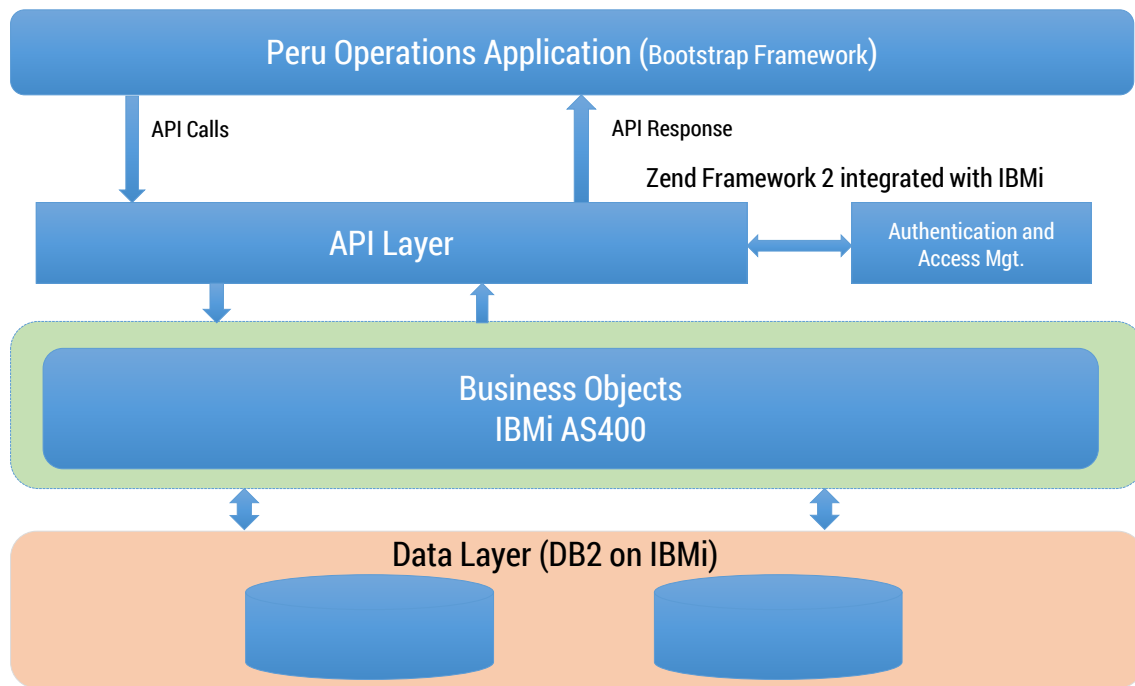
Food, Logistics and Supply Chain

### MARKET:

Global

### WEBSITE:

[www.MissionPro.com](http://www.MissionPro.com)



## THE RESULT

OSSCube successfully developed a modern application for the plant in Peru that is seamlessly integrated with their legacy IBM AS400 system. The modern application is enabling 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 accordingly by using 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.

## About OSSCube

OSSCube is a global solutions provider based in Austin, Texas, with offices in the United Kingdom and India. OSSCube delivers integrated mission-critical business solutions using open source technologies and offers a broad range of services including: consulting, elastic virtual development resources, mobile, web and custom application development, product support, and open source training.

OSSCube is proud to be appraised at CMMI Level 3 (2014), a two-time honoree on the Inc. 5000 Fastest Growing Companies in the U.S. list (2014 & 2015), a two-time honoree on the Great Place to Work® list (2014 & 2015), and a NASSCOM Top 5 place to work (2015).

## VALUE PROPOSITION

- ❑ Fully automated system for faster processing of information
- ❑ Improved supply chain visibility, and operational efficiency
- ❑ Higher speed of operation and enhanced productivity
- ❑ Improvement on the runtime statistics, resulting in lower operational cost
- ❑ Real time status report
- ❑ Better decision making with insights and BI reports
- ❑ Reduced costs of operations and maintenance
- ❑ Easy to scale and maintain for the future business need