

# Major Producer of Soy Protein Seeks to Retain Competitive Edge by Streamlining Business Processes and Improving data Availability “from the Plant Floor to the Boardroom.”

A global leader in the manufacturing and marketing of high-quality soy ingredients realized that in order to respond to stiffening competition, its business processes needed the agility to provide the right information to the right people at the right time. “We need IT tools that allow us to analyze information and make timely decisions, versus chasing data and debating,” a company representative said.

## Main Objective

The client needed to streamline business processes, eliminate the need for non-centralized data manipulation for reporting purposes and define performance metrics that could be applied uniformly across global production facilities. The company also needed to make the relevant metrics visible to those who could act on them quickly and effectively.

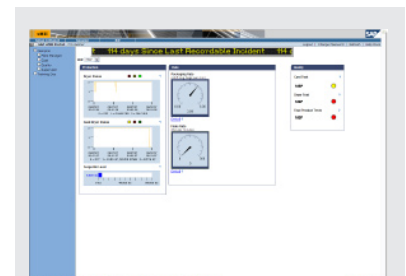
## Customer Results

MAVERICK Technologies’ business and operational consultants teamed with the client’s IT, financial and operations executives; corporate IT department; and plant personnel to implement a key performance indicator (KPI) dashboard application to track quantifiable safety, quality, cost and delivery metrics. Using MAVERICK’s proven methodology for the definition and development of KPI dashboards, the team identified, defined and globally aligned the user roles and associated KPIs, data sources, user requirements and functional specifications. The project provided the following benefits:

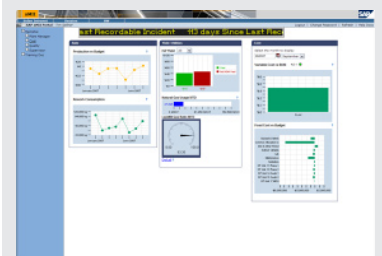
- Corporate executives now have a single set of metrics to gauge performance across the enterprise, which allows “apples to apples” comparison between plants.
- Plant managers and controllers no longer need to rely on manually maintained spreadsheets and reports from many sources, containing after-the-fact information on which to determine plant performance.
- Production managers and supervisors can proactively identify and correct conditions that cause adverse trends in the key production metrics — before they become costly.

## Application Description

The application was developed on the SAP® xMII™ platform, which was chosen for its compatibility with the user requirements, the functional specification and the existing IT architecture. The application is Web-based and was configured to query data from the plant process historians, laboratory information management systems, collaboration system and ERP system. Data aggregation was performed at the host system level to avoid installing a data repository outside of the client’s established IT architecture, and to reduce the application’s maintenance requirements. The application provides “click-through” context that drills down to increasingly granular data and user access through role assignment.



Plant Manager — Main



Plant Manager — Quality Detail



Plant Manager — Cost Detail