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Emerald Grains gains efficiency in their Supply Chain with Eka
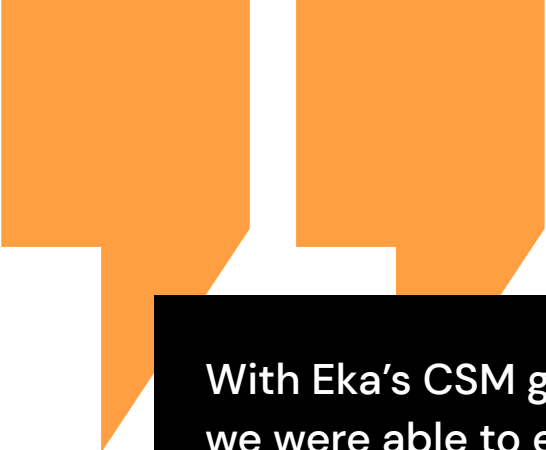
Background

Emerald Grain is one of Australia's largest grain marketer and supply chain operators that exports grains to over 35 countries across the globe. The company receives and outturns Australian grain from their network of up-country storage facilities in Victoria and New South Wales to their international customers through their Melbourne Port and other grain terminals across Australia.

This involves warehousing and storing grain across multiple facilities, while strategically planning and marketing based on changing demand and availability of grain stocks in a volatile world market.

Business challenge

In an era when supply chains are more complex and vulnerable than ever, grain handling and marketing companies are choosing technology to gain a competitive advantage. Grain handlers require real-time visibility into equipment, inventories, and associated quality levels across diverse supply chains from a single data source to maximise efficiencies.

> With Eka's CSM grain stock management system we were able to efficiently manage our grain harvest, paying 98% of farmers within 24 hours of delivery. We also have end-to-end visibility of our supply chain operations. Our systems enable us to pivot our operations to take advantage of harvest changes – this is a real competitive edge.
>
> *Bill Thompson, Technical Services Manager at Emerald Grains*

Business solution

Emerald Grains' history of leveraging modern technology to build the relationship with its network of growers and customers sets itself apart from other industry players. They were looking for an integrated solution that automates their entire grain handling operations.

Eka's Supply Chain solutions are tailored for raw materials and bulk commodities that incorporate inventory, logistics, and value chain automation solutions for grains facilities and port terminals. The solutions are designed to create greater visibility, transparency and security while providing efficiencies and competitive advantages to the business. Critical data is integrated in real-time from the distributed network of storage facilities to manage inventory and physical processing.

Emerald Grain implemented Eka Supply Chain solutions for their bulk terminals and warehouses, makes their supply chain operations more robust and efficient. They can adjust to constant market changes and leverage opportunities with real-time visibility into their inventory, logistics and operations.

Business benefits

Targeting maximum returns

The company is under constant pressure to increase throughput and achieve exacting cargo requirements. With Eka's integrated approach, their receival, transfer, and loading functions became more efficient and provided planners and schedulers the freedom to maximize process visibility to make optimal business decisions.

Real-time inventory management

Operators can manage all site movements data in real-time. The ability to integrate quality information with this real-time data allows decision-makers at Emerald Grain to deduce cargo load plans that satisfy customer exacting quality requirements.

Integrated operation of the terminal

A disconnected inventory database is not enough. Eka's solutions are integrated including supervisory control capabilities tracking tonnage and quality information allowing for real-time decision making, dynamic responses to process variations, and efficiently satisfying order specifications.underlying hardware/software.

Complete grain management system

The company also benefitted from an end-to-end solution to manage the physical processing of their grain in terminal and country silos. Using the software, they can now manage the physical operations that include stock, cargo receipt, shipment, and billing across all modes of transport - road, rail, and vessel shipping.

Improved operational awareness and control

The company benefited from improved efficiency and better utilization of site assets through real-time material tracking and smart task control with dynamic user interface that displays only the most relevant information.

Integration with other critical business applications

The solution is integrated with Emerald Grains' critical customer-facing and back-office applications such as Salesforce and SAP. The solution has allowed Emerald Grain to import and export data securely while ensuring the enterprise was operating on one source of data.

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To learn about how Eka can add value to your operations.

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About Eka Software Solutions

Eka Software Solutions is a global leader in providing digital solutions for Trading & Risk, Supply Chain Management and Financial Services driven by Cloud, Blockchain, Machine Learning and Analytics. The company's best-of-breed solutions serve the entire trading value chain across agriculture, energy, metals and mining and manufacturing markets.

Eka's Cloud Platform provides advanced analytics, one source of data and an automation engine, providing maximum flexibility and investment protection as business needs and market requirements change. Eka is committed to ensuring its 100+ clients can work from anywhere and collaborate across ecosystems within a secure and trusted environment.

For more information, visit www.eka1.com and follow us on LinkedIn and on Twitter.