



The power of one.

Eka Warehouse and yard management

Gain complete visibility into your storage network by capturing stock movement and transportation costs in real time



www.eka1.com

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The leanest supply chain ninjas are those who optimize the entire logistical operations based on clear knowledge of stock movement, storage, and its associated costs of transport in real time.

Business challenge

Agriculture, metals, and mining industries are under tremendous pressure to increase throughput, grow revenues, and minimize downtime. As grain facilities, port terminals and mining sites investigate methods to increase efficiencies, they will need to become more automated in how tasks are performed to maximize resources and throughput. To run the most efficient and optimized supply chain operations, having clear knowledge of stock movement and associated costs of transport on a real-time basis, is extremely valuable. The ability to monitor stock across an entire enterprise through a simple, inter-connected solution can significantly simplify operations, increase efficiency, and improve the quality of service.

Eka Warehouse and yard management

Eka Warehouse and yard management is an end-to-end solution to manage inventory and physical processing of raw materials such as grains, coal, iron ore and more across your entire network. The solution is designed to track all goods movement in bulk commodity handling sites, including stock, cargo receipt, shipment, and billing, while supporting logistical transactions across road, rail and shipping. The integrated solution captures raw materials and commodity

movements in real time within a distributed network of storage facilities. Its billing system provides instant updates of storage and handling charges. With Eka Warehouse and yard management, site operators can define quality parameters for stock and raise orders for the movement of product, including billing information.

Eka Warehouse and yard management suite

Operations

Improving operational awareness and control of your raw materials and commodities becomes possible with the Operations application that promotes efficient planning and scheduling. It enables you to plan and record logistical operations across different modes including ships, trains, and trucks. You can improve scheduling by viewing available time slots for expected delivery and assigning slots to trucks in advance, thereby reducing long queues at the site. The application also allows monitoring of stock across your enterprise storage network for better planning.

Orders and movements

Get complete visibility into your storage network by capturing stock movement in real time through the Orders and Movements application. It allows you to record stock quality and its movement all the way from site to its delivery. You can order stock movement from your storage network and track delivery across all modes of transport – road, ship, rail, and container. The application automates stock sampling at intake and outturn locations for comprehensive quality and sampling audit trails with calculated weighted averages. Vehicle mass management is simplified by tracking to ensure prescribed mass loads for trucks. It enables accurate recording of stock weight as it moves in and out of storage with transport details.

Site inventory

With the Site Inventory application, you can manage stock inventory across an entire enterprise, as well as adjust and regrade site stock levels as and when required. You can track physical stock across your storage network with detailed records of stock samples and quality. The Site Inventory application enables planning of pesticide treatment by date and time for stocks segregated by commodity and grade. The application helps optimize stock grades at site through blending and dynamic binning taking into account weighted average of stock quality.

Stock accounts

The Stock Accounts application enables you to stay on top of your stock tracking by keeping a detailed record of all stocks with entitlements for transferring or swapping. You can manage the receival process of acquiring, transferring, or swapping third-party stock based on daily cash price and contract terms. The application helps you track entitlements by maintaining accurate records of third-party stock entitlements across your storage network. You can also manage accurate stock position and order allocations via physical handover or by transferring entitlement.

Billing

The Billing application defines quality parameters for stock and raises invoices for orders. It allows you to generate charges and issue invoices for bulk handling services. You can generate charges in real time by triggering receival, outturn, elapsed storage time, title transfer and such. The application enables management of complex billing by sorting out complex charges and customizing billing rules with workflow engines.

Smart scales

Optimize operations and resources at the receival process with the Smart Scale application that automates the weighing function at weighbridges or truck scales. It brings efficiency to bulk handling sites by automating the receival process and providing self-service truck delivery and out-turn. The application captures stock movement automatically as it enters the site and tracks it all the way to site exit.

Benefits



Empowered decision making

The solution gives decision makers an ability to monitor stock across the entire enterprise from the palm of their hand. Your staff can also define quality parameters for stock and raise orders for the movement of product.



End-to-end solution

Using Eka's solution, you can manage the physical operations of your bulk commodity handling sites including stock, cargo receipt, shipment, and billing. It also allows for management of the physical processing of raw materials such as grain, coal and iron ore in stockyards and terminals. It supports road, rail, and vessel shipping.



Easy to access

Eka Warehouse and yard management solution is compatible with all web interfaces across devices (desktop, tablet, mobile). It supports hand-held communication devices and its intuitive user-friendly UI enables you to access information on-the-go.



Real-time visibility and updates

The transaction entry application manages the receipt of stock into the site and its movement out, capturing all the required information in real time. You can update current inventory information in real time as determined by quality, logistics and product movement activities.



Easy to manage

The solution enables site stock levels to be adjusted and regraded. It eases management by generating bills as transactions, which are based on the services offered and performed at the individual facilities. It supports flexibility in billing charges and rates.



Simplified monitoring and audits

The solution enables you to maintain comprehensive quality and sampling audit trails with calculated weighted averages. It also simplifies monitoring and saves time with a ticketless process for automated weight capture.

Eka's modern platform delivers one common user experience and one enterprise grade security model, all supported by one integrated source of data. The benefits are significant for businesses: control and flexibility, faster time to value, better insight from data, a secure platform and one UI across devices.



Eka Cloud Platform

The power of the platform:

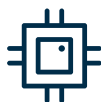
- Faster, easier compliance with regulatory requirements
- Reduced risk and faster trading activities
- Optimized logistics with fewer supply chain disruptions
- Integrated systems with all data hosted on one platform
- Eka supports the broadest set of asset classes in support of energy, agriculture, metals and mining for trading and risk, financial management and digital supply chain

Key features



Power of cloud and mobile

Anytime, anywhere access



Scalable

Grows with the business



Better decision making

Create your own dashboards, data views, drill downs and ad-hoc reporting.



Real-time collaboration

Use data for faster decision making.
Share information with your team and stay up-to-date.



Simple, open integration

Pre-built connectors and open APIs.
Bring all your data together in one place.



Advanced technologies and extensible platform

Add-on applications from the App store, to meet additional functional needs. AI/ML enabled, voice to text and Blockchain powered technology.

60+

Countries

100+

Customers

50+

Applications

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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](#).