

# Eka Warehouse Management

Raw material industries are under tremendous pressure to increase throughput, grow revenues, and minimize downtime. As these industries 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 inventory movement and associated costs of transport on a real-time basis, is extremely valuable. The ability to monitor inventory across an entire enterprise through a simple, inter-connected solution can significantly simplify operations, increase efficiency, and improve the quality of service.

Eka Warehouse 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 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 management solution, site operators can define quality parameters for inventory and raise orders for the movement of product, including billing information.



# Eka Warehouse management Suite

## Operations

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Improving operational awareness and control of your raw materials and commodities becomes possible with the Operations app 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 app also allows monitoring of stock across your enterprise storage network for better planning.

## Orders & Movements

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Get complete visibility into your storage network by capturing inventory movement in real time through the Orders & Movements app. It allows you to record 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 app 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

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With the Site Inventory app, you can manage 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

app enables planning of pesticide treatment application by date and time for stocks segregated by commodity and grade. The app helps optimize stock grades at site through blending and dynamic binning considering weighted average of stock quality.

## Stock Accounts

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The Stock Accounts app enables you to stay on top of your inventory 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 app 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

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The Billing app 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 app enables management of complex billing by sorting out complex charges and customizing billing rules with workflow engines.

## Smart Scales

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Optimize operations and resources at the receival process with the Smart Scale app 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 outturn. The app captures stock movement automatically as it enters the site and tracks it all the way to site exit.

# Key benefits

## 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 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.

## 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.

## Empowered decision making

The solution gives decision makers the ability to monitor stock across an 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.

## Real-time visibility and updates

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

## 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.



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Eka supports over 100 customers globally and has proven industry expertise in helping customers achieve digital transformation, solving complex business challenges in an environment of continuous change.

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