



Click Reply is a Reply Group's company leader in advanced solutions for supply chain execution, based on its suite Click Reply™, developed using the most advanced and safe technologies, deployable on traditional environment or in cloud architecture.

Click Reply™ consists of several integrated modules:

- Click Reply™ Warehouse Management: to control the movement and storage of materials in a warehouse
- Click Reply™ Yard Management: to control trucks and trailers in a facility (gates, yard, dock doors)
- Click Reply™ Labor Management: for the management of man power, optimizing productivity and efficiency
- Click Reply™ Warehouse Performance: for the guided, real-time and self-service analysis of warehouse performance KPIs
- Click Reply™ Warehouse Billing: to account and billing the cost of logistics services in a warehouse

The solutions developed by Click Reply are successfully used worldwide by more than 300 companies and more than 30,000 users.

## Click Reply™ YARD MANAGEMENT

Extending the visibility and control of processes outside the warehouse is a key factor in boosting the efficiency of the entire supply chain.

**Click Reply™ Yard Management** is the product in the Click Reply™ suite for managing, tracking and monitoring the flow of vehicles and containers at any yard linked to a distribution warehouse or production plant. It supports the management of the internal resources handling goods right up to the warehouse loading/unloading bays.

It provides information on which vehicles are arriving, the location of trailers/containers in the yard and how long they have been there, and the waiting times at the bays for loading/unloading. In essence, it keeps control over all the activities needed to take optimal decisions for the warehouse.

**Click Reply™ Yard Management** supports monitoring of the various activities, from the notice of a vehicle's arrival to recording its entry in the yard and its final exit, managing not only the processes directly concerned with managing the warehouse but also the delivery and collection of the empty trailers. **Click Reply™ Yard Management** provides intuitive, effective tools for managing the inbound and outbound supply chain. The system comprises three modules:

### GATE FLOW

— **Check In and Check Out:** functionality to support the recording and tracking of movements into and out of the yard.

— **Entry and Exit Authorisation:** checks for managing queuing or denying entry or exit for a consignment, through to final authorisation.

— **Directing trailers:** automatic or manual direction of a trailer within a location in the yard or to a specific loading/unloading bay.

### YARD MANAGEMENT

— **Tracking trailers within the yard:** each movement can be viewed and monitored using the map of the yard and the loading/unloading bays.

— **Managing movements:** goods can be moved via web or RF. By using information on movement statuses, handling can be managed and monitored, from generation through to confirmation.

— **Weighing and sealing management:** the solution supports the weighing of vehicles (both scheduling and executing), unsealing incoming trailers and sealing outgoing ones.

### DOCK MANAGEMENT

— **Handling activities at the bays:** managing and monitoring loading/unloading work with a progress-status analysis.

— **Calling trailers to the bays:** features to call trailers to the loading/unloading bays.

— **Sending trailers to the yard:** functionality for sending trailers to the yard after loading/unloading.

Standing out among the **Click Reply™ Yard Management** tools are the consoles and the map, which offer effective ways to organise and view the data. The consoles can be used to monitor what is happening at reception and at the loading/unloading bays and to provide search and data-processing capabilities. The graphical map presents the whole yard, allowing supervisors to see the status of the locations and trailers and their positions. Searches and operations on selected data can be performed from the map.

Being able to view the vehicles in the yard and their status eliminates the need to spend time finding out the exact position of the trailers; it is also possible to see which activities are planned for a trailer and their progress status. A breakdown of the contents of the trailers scheduled to arrive and those already in the yard can be shown, too. The system can also monitor shipments in transit within a defined network of several yards.

Communication between the various internal and external stakeholders is enabled and facilitated through the **event-management** functionality. For example, critical process issues can be notified through automatic alerts, e.g. via email or text message, enabling the information needed to remove bottlenecks or blockages to be shared promptly.

To support analysis of the entire process, **Click Reply™ Yard Management** makes available a huge range of features and advanced information-presentation tools, including:

- **Dashboards** for an at-a-glance view of the status of the various activities, with the ability to run detailed analyses through drill-down functionality in several dimensions;
- **Statistics**, exportable into spreadsheets, for a flexible custom data analysis choosing from a range of aggregation criteria and aspects to probe;
- **Navigation** through the tabular data, which can be exported into a spreadsheet, for interrogating the data;
- **Reports** in PDF format.

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The **dashboards** consist of a set of graphics that monitor a process's key performance indicators, such as:

- the types of process within the yard.
- comparing a consignment's actual and scheduled arrivals.
- the usage status of the internal handling vehicles.
- the usage status of the loading/unloading bays.
- monitoring the time taken at the loading/unloading bays.

The application has a full range of executive tools, available also for WMSs – including the use of radio frequency, voice technologies or RFID – and can share tools or work stations.

The system is compatible with sophisticated web browsers, which can be used to fully exploit the map's 3D-display functionality, built with WebGL technology.

**Click Reply™ Yard Management** uses a mobile platform developed to function even without Wi-Fi coverage, based on open operating systems.

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