

# E2open Container Management

Transformed Container and Equipment Logistics

Carriers make big investments in shipping containers, especially the sophisticated equipment in use today. Tracking and retrieving containers is important since idle containers drag down margins. **E2open's Container Management application** enables carriers to track containers in a single dashboard, for tactical or strategic decisions. In collaboration with trucking companies, they easily manage container re-use, repositioning or empty returns to lower demurrage, detention and lost containers.






Maintaining control of their containers is costly and difficult for carriers. Besides the cost of the container itself, transporting a container costs money — whether it's full or empty. After being unloaded, import containers need to be quickly re-used for exports to eliminate empty runs. When this is not possible, truckers must find and retrieve empty containers. With thousands of their containers — sometimes full and sometimes empty — moving all over the world, carriers can quickly lose track, resulting not only in lost revenue opportunities but in asset book write-downs if their many phone calls and emails fail to help locate the containers.

Part of E2open's Transportation and Logistics intelligent application suite, E2open Container Management eliminates manual searches for containers by creating a consolidated digital record of their location and status. Carriers have real-time information for all their containers on a single platform, eliminating the need to access multiple websites, send emails or make phone calls to track them down. The application also enables truckers to easily identify and retrieve nearby empty containers. This not only makes overall operations far more efficient, but also reduces costs and carbon footprint and enables better asset utilization.







## Efficiency Through Container Transport Planning

Managing the flow of containers — empty or full — is crucial for ocean carriers, but it's also important for

### KEY FEATURES

-  Consolidates all equipment moves into a single platform, eliminating the inefficiency of manual tracking
-  Optimizes container utilization by re-using discharged import containers for export bookings or street turns
-  Reduces errors and manual steps by automating requests for drop-off and pick-up changes
-  Posts available container move requests to trucking providers
-  Automates and streamlines the trucker payment process within the application

### KEY BENEFITS

-  Improves container return rates for carriers
-  Reduces administrative efforts through online collaboration between carriers and truckers
-  Optimizes asset utilization by pairing empty containers with nearby shippers who can use them
-  Reduces costs and increases revenue by allowing re-positioning change requests online
-  Lowers carbon footprint by reducing unnecessary container moves
-  Minimizes driver and shipper delays that can lead to fines and penalties by ocean lines and port terminal operators

trucking companies and shippers. When shippers can fill empty containers with goods on their way back to port, all stakeholders benefit. Shippers get access to cost-effective nearby containers, trucking companies get additional revenue by hauling full containers instead of empty ones and ocean carriers get revenue from leasing their containers and transporting the shipper's goods over the oceans. E2open Container Management orchestrates all of this.

## Import Containers Reused for Exports

At any given time, an estimated 2.5 million containers worldwide are stored empty. To maintain high levels of efficiency and cost savings, on-the-move containers should always be full. This is because empty containers don't generate any revenue, but also because containers without tracked cargo inside get lost easily. With E2open Container Management, once a load is delivered, the container can be re-used at a new pick-up location before returning to the port with an export shipment.

## Container Tracking to Prevent Asset Losses

Ocean carriers often own tens of thousands of regular, dry-freight containers — which can cost up to \$2,000 — and sophisticated containers like reefers and tanks, which are even more expensive. Being able to track all these valuable assets as they move around the globe has become instrumental for carriers in mitigating theft and loss. With the real-time, map view container tracking in this application, carriers always have an eye on their equipment. This prevents asset losses and the resulting unnecessary capital expenditures to replace them.

## A Container Management Marketplace

Similar to a mammoth global e-commerce platform, E2open's online platform provides information about container availability at various locations using a map view and when it is available to pick-up and retrieve a new load or return critical equipment to the carrier as an empty run. This creates a symbiotic relationship that provides new revenue opportunities for truckers and safeguards the carriers' investments.

## The Advantages of a Network

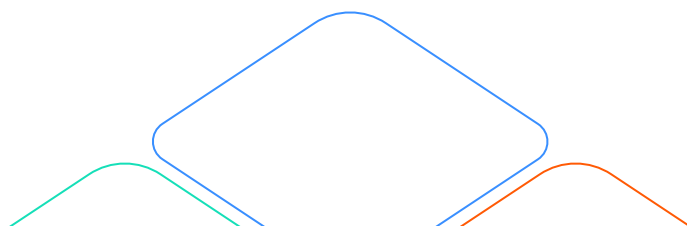
Carriers utilizing the platform re-use the existing connectivity to more than 7,000 trucking companies in more than 20 countries around the globe. Trucking companies gain visibility into container movement opportunities with many major ocean carriers.

## Environmental Responsibility and Stewardship

E2open Container Management results in cost and time savings, but the technology also helps create sustainable operations. Unnecessary container repositioning, congested roadways, long wait times at ports and idle chassis and containers exacerbate the global environmental footprint. By cutting unnecessary moves and maximizing container utilization, companies earn more trust and respect for their brand and bring social responsibility goals closer to reality.

## End-to-End Supply Chain Management Platform

Once an organization implements any E2open platform application, it is easy to add more capabilities in the future for better visibility, coordination and control over the end-to-end supply chain. The E2open platform creates a digital representation of the internal — and optionally external — network, connect internal enterprise resource planning (ERP) and financial systems using SAP® and Oracle® certified adapters for timely data feeds, and normalizes and cleanses the data to make it decision-grade. Using machine learning-enabled algorithms and supply chain management applications, the platform processes the data and provides bi-directional, closed-loop communications back to ERP systems for execution. This facilitates the evolution of supply chain processes towards true convergence of end-to-end planning and execution.



**Ocean carriers, trucking companies and shippers can now transform container and equipment logistics to ease or eliminate empty runs and wait times, lower handling costs, drive new revenues and reduce their carbon footprint.**

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