XVELA.

A Platform for Terminal - Carrier Collaboration

Actionable Visibility. Real-Time Collaboration.

XVELA provides a transformative, cloud-based stowage collaboration platform that drives transparency, efficiency and profitability to a network of ocean carriers and terminal operators. It's a win-win solution that allows both Terminals and Carriers to see the full stowage picture, realize new operational efficiencies, and capture substantial untapped savings across the ocean supply chain.

XVELA

Realizing Efficiencies Through Collaboration

INDUSTRY CHALLENGES

Complex challenges and systemic inefficiencies across the ocean supply chain are making it difficult for terminal operators and ocean carriers to operate profitably.

Terminal operators are facing the challenge of serving a growing number of mega-vessels operated by increasingly complex carrier alliances, requiring investment in bigger and more efficient equipment and straining operations at a higher cost. For ocean carriers, freight rates are unpredictable and more volatile than in the past, and capacity will exceed demand for years to come, while operational costs continue to rise.

The pressure to improve terminal productivity has never been higher, and better stowage is crucial to success.

Yet stowage plans are typically created by ocean carriers without an effective way to collaborate with terminal operators in the process, resulting in missed opportunities to improve efficiencies in stowage execution. Meanwhile, stowage operations at the terminal leave carriers —along with downstream terminals—in an information "black hole," with poor access to terminal operational data and an inability to effect change.
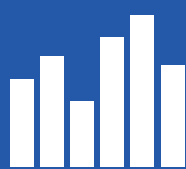
To succeed, terminals and carriers must achieve the next level of efficiency by adopting new technologies and business practices to improve the flow of information. But how?

A BETTER WAY

XVELA provides a transformative, cloud-based collaboration platform and network for terminal operators and ocean carriers to collectively manage and drive new efficiencies throughout the stowage planning and execution process.

The XVELA platform allows carriers and terminals to work together on critical vessel stowage activities in real time through shared stowage planning information, common vessel visualization tools, and unique, actionable visibility across the entire vessel rotation.

IT'S NOT BUSINESS AS USUAL. IT'S A BETTER WAY.

A WIN–WIN SOLUTION

With stowage collaboratively planned and shared in advance through XVELA, terminal productivity can be maximized and port stays can be minimized. Terminal operators can work vessels more efficiently – increasing throughput and revenue – and carriers can slow steam to the next call, saving $ millions in bunker costs.

It's a win-win solution, offering terminals and carriers the potential to capture substantial untapped savings across the ocean supply chain. XVELA makes it possible by providing:

- Shared, comprehensive data and vessel visualizations to facilitate clear carrier–terminal communication, collaborative planning, and, data-driven decision-making

- Actionable visibility of stowage plans and changes, vessel activity across the entire service, and in-terminal operational status, enabling users to proactively address variances and unforeseen issues

- Cloud-based reference tools, EDI engine and data repository available on-demand to improve data quality, timeliness and accessibility, plus automatic notifications and alerts to accelerate workflow

- Business Intelligence & analytics based on shared, trusted data to establish a single source of truth, enabling objective, performance-based partner discussions

- A set of APIs to enable integration with third-party TOS, stowage planning software, and internal systems, improving transparency and communication for all stakeholders
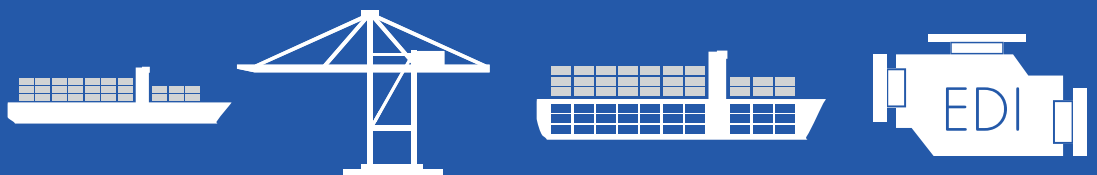
BENEFITS

XVELA enables continuous improvements in performance, utilization, and operational agility through unprecedented operational insights drawn from shared, fully integrated data and analytics.
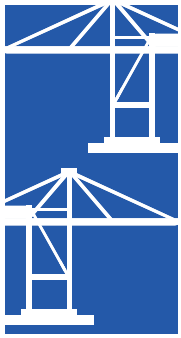
For Terminal Operators:

- Improve vessel turn-around times and increase throughput by collaborating with ocean carriers on stowage planning in advance

- Gain more time to plan discharge and load strategy, allocate resources and optimize operations due to earlier and better visibility of stowage plans

- Maximize productivity, improve safety and reduce risk with optimized terminal operational plans

- Minimize potential cost impacts through earlier notification of stowage plan changes

- Achieve competitive advantages by providing more reliable and efficient service

For Ocean Carriers

- Enable stowage optimization across the entire service, improving schedule consistency and reliability

- Create more efficient stowage plans through early collaboration with terminal operators

- Reduce the risk of schedule variances and associated bunker costs

- Gain better visibility into terminal operations throughout the stowage process and share select information more easily with alliance partners

- Easily identify opportunities for cost savings across the service

FEATURES AND FUNCTIONALITY

TERMINAL LIBRARY

The XVELA Terminal Library contains vital terminal operational specifications including standard data such as air draft, depth, and berth length, along with dynamic information such as working cranes, berth occupancy, etc.
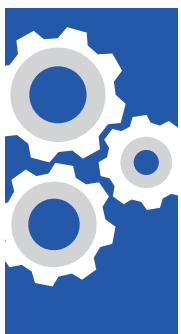
This new visibility into real-time terminal data ensures all stakeholders have easy access to the most current terminal information, managed directly by the terminal operator to ensure accuracy. This empowers both carriers and terminals to proactively address any variances in terminal conditions that may arise, from pre-planning through to vessel departure.

SHIP LIBRARY

The XVELA Ship Library is the first cloud-based ship data repository providing authorized users on-demand access to the latest ocean carrier ship profiles. These profiles include critical ship configuration, stability and lashing data – all provided directly from the ocean carrier to XVELA.
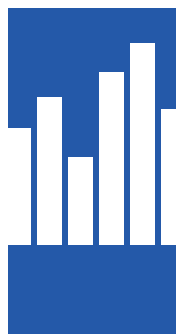
Terminal operators can use the Ship Library to integrate carriers' ship profiles into their systems. This ensures all parties work from identical specifications of each ship, supports collaboration between carriers and terminals, and lowers operational and data errors from the use of outdated ship profiles.

SHIP VIEWER

XVELA's collaboration capabilities expand exponentially with the Ship Viewer–a shared visualization of the ship configuration and container placements and projections. Once XVELA receives a BAPLIE file from either an ocean carrier or terminal operator, authorized stakeholders can immediately access multiple ship visualizations to make a quick and informed evaluation of the stowage condition.

This actionable visibility, along with powerful stowage planning and comparison tools and in-app live chat, allows carriers and terminal operators to collaboratively create, modify and optimize stowage plans to drive faster vessel turnarounds and increase terminal productivity.

EDI ENGINE

XVELA's modern EDI Engine provides integrated, on-demand EDI generation that runs parallel to current workflows. By bringing EDI processing into the cloud, XVELA allows terminals and carriers to quickly and easily share BAPLIE, MOVINS, COARRI and other data messages with multiple parties, improving the flow of information throughout the supply chain.

No more calling, emailing, or waiting around for EDI messages – with XVELA, authorized users can receive an instant notification as soon as any critical EDI session is uploaded to the system. Flexible mapping tools enable integration with a variety of planning tools.

APIs

XVELA is a TOS-agnostic and stowage software-agnostic platform, meaning any viable TOS or stowage planning software can integrate with XVELA. A set of open APIs enables flexibility and interoperability between XVELA and an array of third-party solutions and internal systems.

This integration allows multiple solutions to work together seamlessly. Data is securely shared across the XVELA platform for improved transparency and consistency, allowing terminals and carriers to easily share select information with operational partners and other stakeholders.

BUSINESS INTELLIGENCE & ANALYTICS

XVELA's BI & Analytics module enables users to visualize and analyze operational data and performance metrics with a powerful suite of customizable charts and dashboards.

Using the shared, unbiased data in XVELA, carriers and terminals can establish an objective foundation for data-driven partner discussions, eliminating data blind spots and reducing subjectivity in the decision-making process. Built-in data analysis and utilization metrics allow users to accurately measure, assess and improve operational performance.