



CONTAINER TERMINAL
AUTOMATION CONFERENCE
NORTH AMERICA

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INFORM

14 - 15 NOVEMBER 2023

NORFOLK, VIRGINIA, USA

CONFERENCE AGENDA

**NORTH AMERICA'S NEW
TERMINAL TECHNOLOGY HUB**

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Day One at Container Terminal Automation Conference North America 2023

Morning Session

8:50AM - 9:00AM OPENING KEYNOTE

An Introduction to CTAC 2023 from the Port of Virginia

Host Sponsors of the first ever CTAC in North America welcome you to two days of content on all things innovation in container terminals.

Stephen Edwards, *CEO and Executive Director, Port of Virginia*

9:00AM - 9:30AM KEYNOTE WITH Q&A

From Outer Space to Port Terminal - The Digitalization Essentials

High-definition video streaming, remote monitoring of sensors and instruments, exchange of telemetry and biometric data and critical command and control functions need advanced capabilities that cellular networks enable and are essential to the well-being of yard workers, operating system and mobility, enabled by the core elements of digitalization: industrial-grade connectivity, edge and ruggedized devices. Nokia speaker will walk you through the pioneer projects, enabling and impacting our lives beyond port terminal operations.

Peter Miller, *Technology Specialist Director, Private Wireless, NOKIA*

9:30AM - 10:15AM PANEL DISCUSSION

The Common Critical Objective: Decarbonizing Container Terminal Operations

The shipping industry is a major contributor to global carbon emissions, and container terminal operations contribute to this impact on the environment. With growing demand for sustainable practices, container terminal operators must find ways to reduce their carbon footprint. This session will explore the strategies and technologies available to decarbonize container terminal operations in North American ports.

Yvo Saanen, *Managing Director, Portwise*

David Shore, *Head of Engineering, Ports America*

Cathie Vick, *Chief Development and Public Affairs Officer, Port of Virginia*

Marc Mendez, *Vice President Information Technology, TraPac*

Dr.-Ing. Mathias Dobner, *CEO & Chairman, BOXBAY*

Zack Thomas, *Director of Operations Service Center, North West Seaport Alliance*

10:15AM - 10:45AM

Morning Networking Coffee Break

10:45AM - 11:45AM **PANEL DISCUSSION WITH PRESENTATIONS**

Enhancing Operational Efficiency in North American Terminals: The Importance of Optimization

Container terminals are complex and dynamic systems which require a high level of coordination and planning to ensure a smooth, future-proof operation. Effective optimization in container terminals can significantly improve the terminal's ability to make split second decisions and improve efficiency, profitability, and performance.

This session will demonstrate the various areas that optimization can transform your terminal operation and prepare North American terminals to meet the demand with TEU volume projected to soar.

Christian Blauert, *Global Director Port and Terminal Development*, Moffatt & Nichol

Matthew Witteimer, *Director Marketing and Sales*, INFORM

Erik Ward, *CIO*, Global Terminals

Ramana Jampala, *President & CEO*, Avlino

11:45AM - 12:30PM **PRESENTATIONS WITH SHORT Q&A**

Cybersecurity: Securing Ports and Terminals

This session will offer two keynote addresses with valuable lessons for Ports & Terminals seeking reduce their cyber risk, and thus reduce the risk of downtime and loss of business.

Clinton K. Theobald, *Maritime Transportation Security Lead*, US Coast Guard

Brett Leatherman, *Section Chief*, Federal Bureau of Investigation - Cyber Division

Shannon N. Gilreath, *Rear Admiral*, US Coast Guard

12:30PM - 14:00PM

Networking Lunch Break

Day One at Container Terminal Automation Conference North America 2023

Afternoon Session

14:00PM - 14:30PM KEYNOTE ADDRESS

An Introduction to the Afternoon from TMEIC

Darren Honaker, *Industrial Systems Commercial Director, TMEIC*

14:30PM - 15:30PM PANEL DISCUSSION WITH PRESENTATIONS

The Future of Automation in US Ports: Implementing an Effective Approach

This session will provide examples of successful automation implementations at leading ports across the world, while highlighting the best practices required to ensure a smooth transition to automation.

Alan Peterson, *Consultant - Automation, Marine Container Terminals*

Jost Daemmgen, *Industry Segment Leader - Port Solutions, TMEIC*

Ashebir Jacob, *Global Director Port and Terminal Development, Moffatt & Nichol*

Rich Ceci, *Sr Vice President Technology and Projects, Port of Virginia*

Brad Calhoun, *APMT Global Product Manager for Gate, Rail and Reefer Automation, APM Terminals*

15:30PM - 16:00PM

Afternoon Networking Coffee Break

16:00PM - 16:20PM PRESENTATION & SHORT Q&A

Innovative Container Handling: Driving Operational Efficiency and Optimizing Storage

As international trade continues to grow, container terminals face higher demand and the challenge of moving containers faster and storing them more intelligently than ever before.

This session will showcase how top terminal operators are modernizing their container handling techniques and implementing cutting-edge equipment to achieve maximum operating efficiency. Through these innovations, ports will be able to keep pace with demand and continue to provide exceptional service to their customers.

Martin Aufschläger, *Member of the Board of Directors*, BOXBAY

16:20PM - 16:45PM PRESENTATION & SHORT Q&A

How Process Automation Increases Safety, Productivity and Security at Termont Montreal Inc

Jean-Philippe Joassin, *Director of Process Automation*, Kalmar
Marc-Andre D'Amico, *Project Manager IT - Automation*, Termont

16:45PM - 17:30PM PANEL DISCUSSION WITH PRESENTATIONS

A Shift Towards Intermodal: How Container Terminal Operators Can Adapt

Growing consumer demand has driven intermodal container transportation in North America, as shippers look to supply population centers quickly and efficiently. With supply chains changing to accommodate inland destinations, container terminal operators must adapt, invest, and form strong collaborative partnerships.

This session will provide an outlook on how the pivot towards intermodal container movement will impact container terminal operators, and the steps terminals must take to avoid becoming the 'weak link' in the intermodal pipeline.

Matthew Wittemeier, *Director Marketing and Sales*, INFORM

Maggie Hartless, *Sales Application Engineering Manager*, TMEIC

Peter Ford, *Founder*, SkyRock Advisors

Marcel van Lith, *BD Harbour Cranes Americas*, Siemens

Day Two at Container Terminal Automation Conference North America 2023 Morning Session

8:50AM - 9:00AM OPENING REMARKS

An Introduction to our Second Day at CTAC NA 2023

9:00AM - 9:30AM KEYNOTE FROM OFFICIAL AI SPONSOR INFORM

AI: Tool or Threat

If we look back just a few short years ago to 2017, AI wasn't a topic that was on many conference agenda's and was in even fewer terminal's investment strategies.

Fast forward to today, there are multiple AI projects and an almost equal number of start-ups claiming to be the only AI-based solution for your terminal, while Generative AI has made a splash and has moved the EU and the US Governments to both work towards implementing legislation around AI.

This keynote will delve into whether AI has evolved into a useful tool or a threat to the industry as we know it.

Matthew Witte-meier, *Director Marketing and Sales, INFORM*

9:30AM - 10:15AM PANEL DISCUSSION WITH PRESENTATIONS

Container Terminal Operations Powered By AI: Efficient and Congestion-Free

In this session, we will explore how container terminal operators can improve efficiency and reduce congestion through the integration of artificial intelligence technologies. Our panel of experts will discuss the opportunities and challenges when implementing AI in container terminal operations and share real-world examples of how AI is able to assist decision making in North American container terminals.

Matthew Witte-meier, *Director Marketing and Sales, INFORM*

Vincent Liegeois, *Business Applications Manager, Termont*

Xavier Des Minieres, *Co-founder, DMSLOG.AI*

Rene Alvarenga, *Sr. Director of Product Management, Kaleris*

10:15AM - 10:45AM

Morning Networking Coffee Break

10:45AM - 11:30AM KEYNOTE

Container Terminal Automation - 20 Years of Experience on the US East Coast

Rich Ceci, *Sr Vice President Technology and Projects, Port of Virginia*

Yvo Saanen, *Managing Director, Portwise*

11:30AM - 12:15PM PANEL DISCUSSION WITH PRESENTATIONS

Automation for the Rest of Us

Automated marine and intermodal terminals attract the attention of the industry, but most terminals worldwide operate without full robotic automation and moreover few have the funds to deploy full automation.

This session addresses automation for the 'rest of us', selective automation, where targeted applications and technologies, automate a specific process(es). Join us to explore AI enabled OCR for gate and yard automation, GPS enabled container position determination, RFID, and telematics.

Gerry Bisailon, *Senior Vice President, RPX Optimisation*

Julian Galvis, *VP Sales & Regional Manager, Identec Solutions*

John Lund, *Sales and Marketing Director, Visy Oy*

Rob Legge, *Director Terminal & Service Planning, Intermodal & Automotive, Norfolk Southern*

James Palmer, *Director, Intermodal Equipment & Systems, CSX Transportation*

12:15PM - 13:00PM PANEL DISCUSSION WITH PRESENTATIONS

Private Network 5G Technology: The Great Enabler for Technology in the Terminal

With ports becoming smarter, increasingly data-driven and comprised of a wider array of connected technologies, the demand for a high bandwidth network that can support secure day-to-day connectivity while also providing the power to enable advanced technology projects has become a high priority for North American terminal operators.

This session will showcase examples of projects enabled by 5G wireless networks and demonstrate how high bandwidth and secure connectivity will provide the foundation for the data-intensive operations of the ports and terminals of the future.

Adam Schipper, *Director, Business Development-Transportation & Logistics, Ericsson*

Mark Higgins, *Director of Motor Carrier Experience, Port of Virginia*

Dr. Lov Kher, *Managing Principal & Technology Fellow, 5G Acceleration, Verizon Business Group*

13:00PM - 14:00PM

Networking Lunch Break

Day Two at Container Terminal Automation Conference North America 2023

Afternoon Session

14:00PM - 14:15PM KEYNOTE

Cyber Resiliency: Avoiding Disaster with Attacks on Ports & Terminals on the Rise

Investment in cyber resilience is often neglected in the face of exciting new technologies which come packaged with an exciting ROI and the promise of revolutionizing your operation. The threat of downtime at huge monetary and productivity costs is a serious threat, though difficult to measure.

This session will review worrying data about the increasing frequency and potential severity of cyber-attacks on ports, propose easy wins that can immediately improve cyber-resiliency and consider how a business case can be built for investment in cybersecurity solutions and technologies.

Eduardo Giancristofaro, *Channel Development Director - OT, SSH Communications*

14:15PM - 14:30PM PRESENTATION WITH Q&A

Shore Power for Container Terminals: Achieving 100% Plug-in Capability Today and Tomorrow

Every container terminal faces its own set of unique challenges when creating a strategy to implement shore power that can range from the availability of power to space constraints for cable management systems on the waterfront. The goal of aligning both internal and external green policies and reaching global decarbonization initiatives is driving the need for creative, flexible solutions to solve these challenges.

This keynote will introduce the basics of shore power, explain the shortcomings of older methodologies, and open the door to new technologies that will enable great leaps forward in reaching decarbonization goals. Use less equipment, with less construction, in less space to achieve higher plug-in percentages.

Sean McCaskill, *Shore Power Solutions Manager, Americas, IGUS*

14:30PM - 14:45PM PRESENTATION WITH Q&A

Optimizing Terminal Operations with Camco

Camco will delve into the different solutions that can help to optimize the loading and offloading of cargo, the need for proper documentation of container handling operations and the utilized equipment, looking to enable more agile operations across the sector.

Anton Bernaerd, *Business Development Director, Camco Technologies*

14:45PM - 15:45PM PANEL DISCUSSION WITH PRESENTATIONS

Digital Disruption: Revolutionizing North American Container Terminals

Successfully acquiring, processing, and analyzing large volumes of data is simultaneously one of the most difficult challenges and greatest opportunities for terminal operators.

This session will feature innovative solutions which allow terminal operators to harness their data and power real-time solutions, advanced technologies while boosting efficiency and visibility of your operation. We will also consider how the power of operational data can provide an antidote to congestion and supply chain issues.

Tony Simkus, *President, Sarandipity LLC*

David Dierker, *Senior Expert, Mckinsey & Company*

Marco Fehmer, *Chief Executive Officer, DSP*

Peter Miller, *Business Development Director, North America in Enterprise Campus Edge, NOKIA*

15:45PM - 17:00PM INTERACTIVE TECHNOLOGY SHOWCASE

PTI Tech Showcase

Grab a drink and join us as we split up into groups and visit our live displays from our partnered companies, offering live showcases of the most disruptive new technologies in the industry.