Scalable AI: Boosting safety and efficiency at terminals of every size







Rodrigo Garro Barcelona, May 22nd, 2025

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Where to detect Damages

1000

Camco-oplossingen in de containerterminal

DAMAGE DETECTION



Camco Technologies



Private owned Global presence 24 years in terminal automation Passion for technology Industry innovator



Camco US One World Trade Center Long Beach



Camco Middle East FZE JAFZA ONE Tower – Building A



CAMCO TECHNOLOGIES AUSTRALIA PTY LTD



Camco China Shanghai

Camco Technologies



A unique combination of four business units:

- Product Development
- Production Factory
- Project Factory
- Services Factory



R&D + Manufacturing capabilities







Global – Worldwide Presence





Vision & location technology-based solutions Automate the Handover processes

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Camco-opl

From products to software solutions



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THE BRIDGE



Automatic damage inspection



BLV Bay Load Verification



VBS Truck app

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ITT Inter Terminal Transfer

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Real Time Digital Twin

More to come



What about AI in this story?





















TRAINING Deep Learning & Convolutional Neural Networks















300+

TERMINALS with Camco Systems Worldwide

60 Countries

+200.000 TEUS / day

AI Techniques: USE AI to generate damaged containers







"Generate a realistic maritime container, as real as possible, complying with ISO 668 and ISO 6346 for the international codes. The container must have some damages. No background"





AI Techniques: USE AI to generate damaged containers











Generator

Discriminator







































DATA/IMAGES





Thank you!

