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The Positive and Pervasive Role of IT – Enhancing Management and Operational Efficiencies

The business of terminal operations demands effective yard management, supply chain coordination and risk management.

IT can be an effective business partner, connecting critical management and operation functions.
IT in the Port Business

1. Old vs. New Cargo
2. Data Entry
3. Data Mining
4. Everyone knows Everything Anytime Anywhere
5. Waterfront Myths
6. Vanishing Data Centers
New Cargo
2. Data Entry...

Data Entry

Handwritten Forms

Punching in

Keyboarding
Data... need not be re-created but transformed from one form to another...

... Shanghai Pudong ... PDA equipment... manual labor to the use of information technology.
3. Data Mining
4. Everyone knows Everything Anytime Anywhere ... HOW?

1. IT Backbone - Yard Management, Real-time, Cloud...

2. Agile Database – EDI Input, Transform, Retrieve, Link...

3. Cyber Secure – no geo boundaries!

4. RAD - Customize TOS, Reports, Web/Apps...

5. Handhelds, OCR, MDTs, RFID – with 1.
5. Waterfront Myth? Dashboards...
6. Data Centers… a commodity
Thank you!

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