



THE HUMAN FACTOR OF PORT DIGITAL TRANSFORMATION

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AGENDA

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A quick background
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From inception to post-implementation
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- 05. CONCLUSION**
Closing thoughts



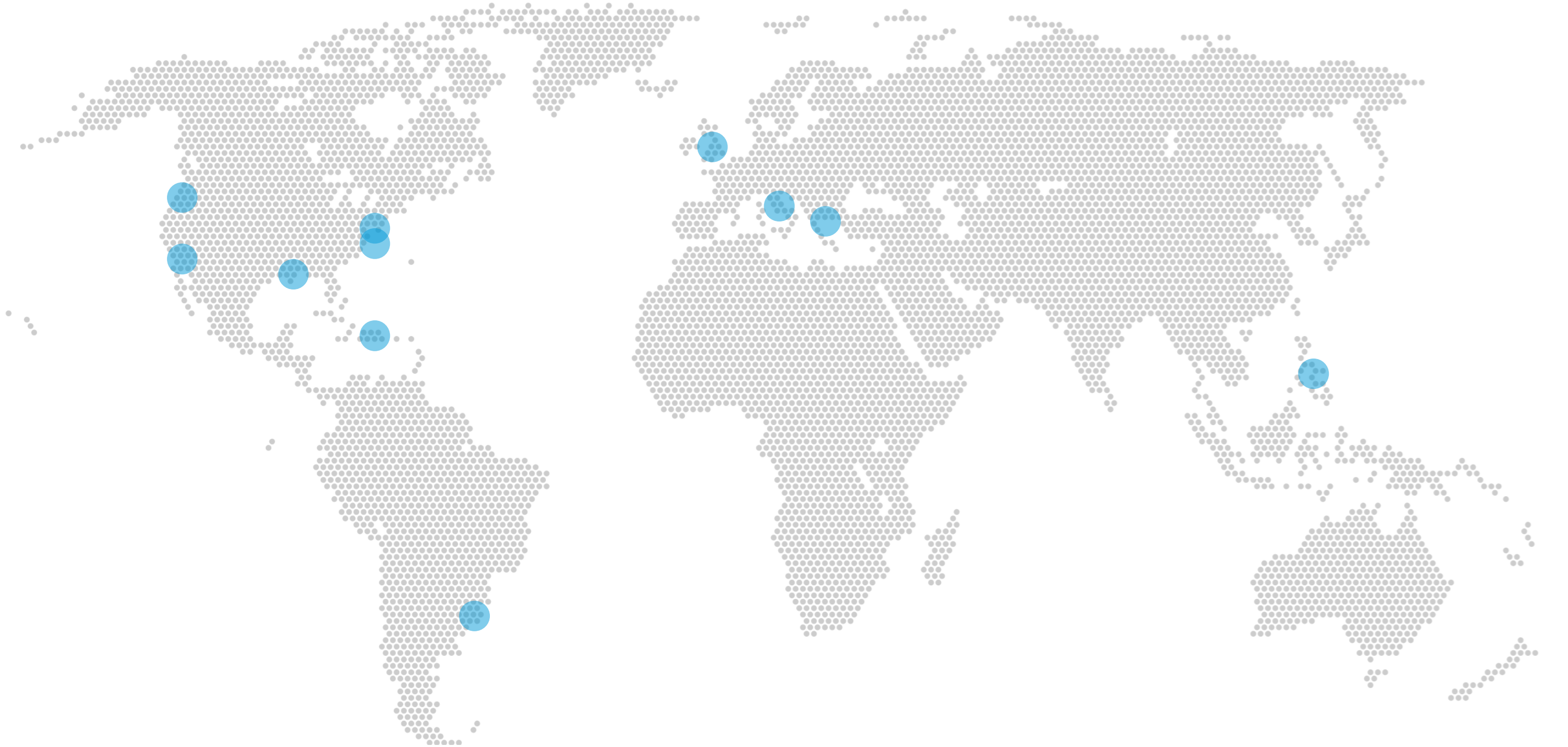
01.

INTRODUCTION

A quick background



- Philadelphia (HQ)
- Houston
- London
- Long Beach
- Manila
- Naples
- Piraeus
- Rio de Janeiro
- Seattle
- Washington, DC



Collaborating with Latin America and the Caribbean



Planning and governance



Operations advisory



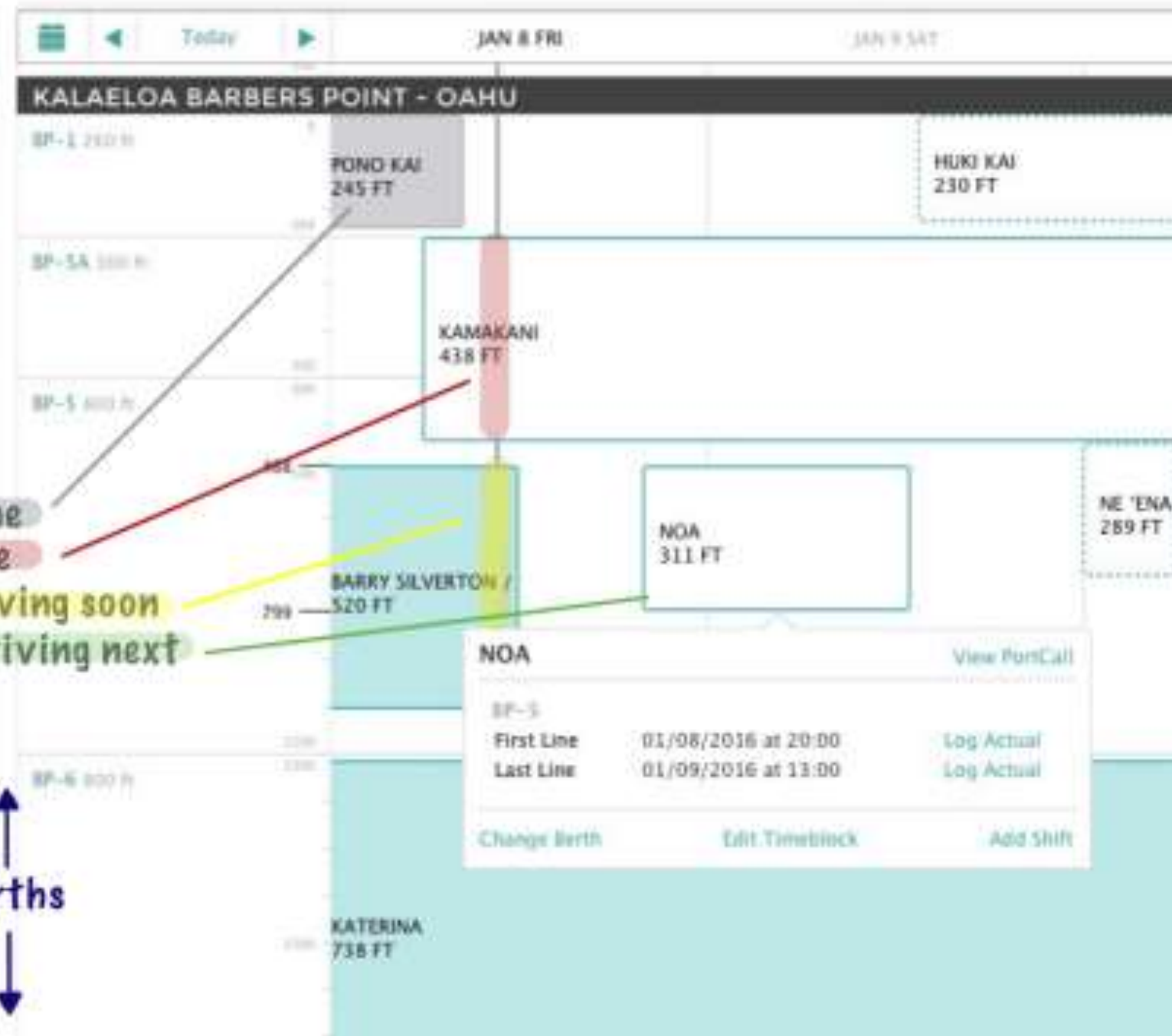
Digital transformation



Cyber risk management



Vessel Scheduling



Maritime Single Window

portclear A maritime single window companion for **PORTCALL.COM**

Arrivals Contact **Capt. Bryan Ben...**
Island Innovations

CELEBRITY EQUINOX
Agent: Ruewen Leito, Maduro
317.2 m | Passenger (Cruise) Ship
Itinerary: 21 Sep - 22 Sep [View Package](#)

Submissions Itinerary Chats & Logs

- FAL 1 **General Declaration** Pending
- FAL 2 **Submission Declaration** Pending
- FAL 3 **Ship's Stores Declaration** [Add file](#)
- FAL 4 **Crew's Effects Declaration** [Add file](#)
- FAL 5 **Crew List** [Add file](#)





Driving Collaboration and Organizational Cybersecurity Resilience

Assess Capabilities



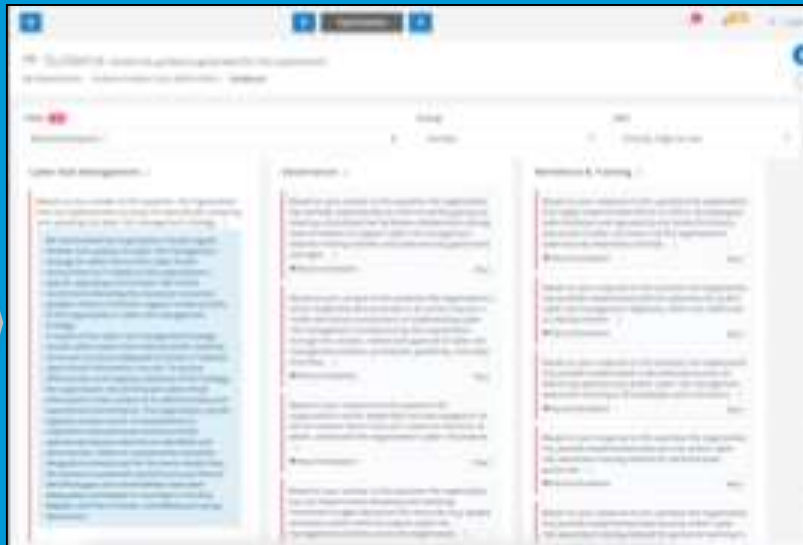
Assessment questions are dynamically generated and include detailed help text.

Pinpoint Gaps and Vulnerabilities



Scores are generated by practice area, functional domain and maturity level. Drill-down options allow for rapid review and analysis.

Identify Solutions and Resource Options



Actionable Recommendations can be filtered by functional area, prioritized and organized by functional domain.

Benchmark And Monitor Progress



Real Time Benchmarking monitors internal progress and tracks performance against industry peers.

Demonstrate Compliance



Reports are available for download on demand.



02.

STAKEHOLDER ENGAGEMENT

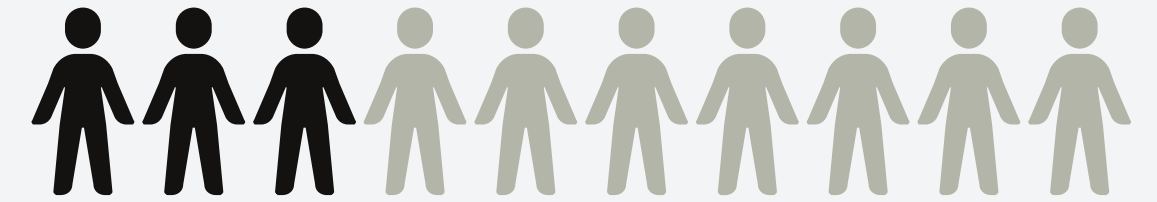
Inception to post-implementation



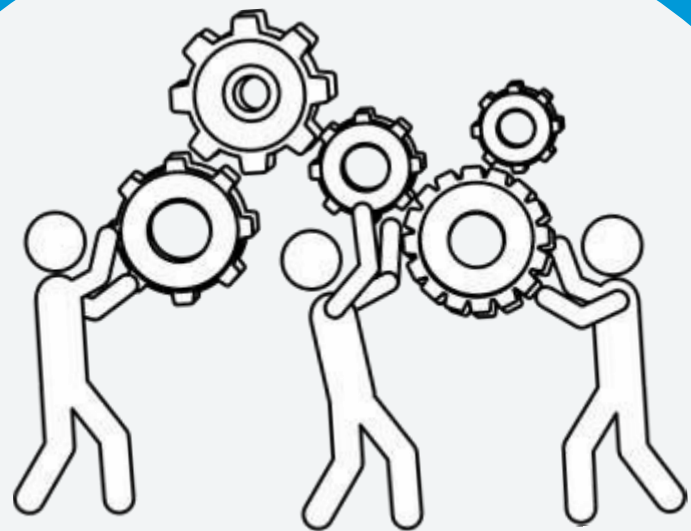
CHANGE MANAGEMENT

Digital transformation projects are **people** projects.

~30%



Less than half of large-scale transformation projects meet initial time, cost, and utilization objectives.



LEADERS, PROGRAMS, PEOPLE

Technology only goes as far as **adoption, utilization, and compatibility** with existing operations.

EARLY ENGAGEMENT

Transparency

Ideas and initiatives must be shared between public and private leaders.

Collaboration

Dialogue must occur to best identify and understand common issues and goals.

Coordination

Resolving inefficiencies before, during, and after digital transformation occurs.



03.

CYBER RISK MANAGEMENT

A shared responsibility



CYBERSECURITY

Capabilities Assessment

Establishing a baseline of current capabilities helps prioritize the evolution of cyber risk management.

Building a Culture

Digital interoperability requires trust, communication, and understanding of mutual risk.

Managing Risk

Coordinated activities to manage cyber risk makes the entire port community more resilient.



04.

CASE STUDY

*USTDA and HudsonAnalytix project with
the Maritime Chamber of Honduras*



CASE STUDY

HONDURAN CHAMBER OF PORT AND MARITIME COMMERCE



Technical assistance on port digitalization



+50 stakeholder meetings (virtual and face-to-face)



Applying global IT, OT, and cyber best practices to a Honduras-specific context



Collaborative workshops between public and private stakeholders



Ship Scheduling Platform and Maritime Single Window



05.

CONCLUSION

Closing thoughts





THANK YOU

Questions?

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