FOR A BETTER FUTURE
SENIOR IT CONSULTANT
HAMBURG PORT CONSULTING

HPC
SENIOR NAUTICAL SUPERINTENDENT
CARNIVAL MARITIME

CARNIVAL MARITIME
⇒ 4 440 PEOPLE IN
⇒ 4 440 PEOPLE OUT
⇒ HUNDREDS OF CARS, BUSES, TRAINS, FLIGHTS
- Hour delay
- Interruptions to passenger flow
- Disruptions to supply logistics
- Unwanted fuel consumption and emissions
DESIRED SET-

CENTRALIZED EFFICIENT
MANAGING DIRECTOR
HVCC HAMBURG VESSEL COORDINATION CENTER

HVCC
ONE PORT

%X 8 000 VESSELS
%X 9 000 BARGES
%X 60 000 TRAINS
%X 1 900 000 TRUCKS
INCREASING TRAFFIC AND PEAKS
FRONTRUNNERS IN PORT COLLABORATION

- 4 100 FEEDER / BARGE TERMINAL CALLS OPERATED
- 3 200 CALLS OF LARGE VESSELS COORDINATED
- 3 800 PASSAGE PLANS DISTRIBUTED
 SEAMLESS COMMUNICATION BETWEEN SHORE AND SHIP
 100% DATA ACCURACY
 JIT-ARRIVAL
HIGHER VISIBILITY OF INCOMING TRAFFIC

OPTIMIZED TERMINAL RESOURCE PLANNING

EFFICIENT USE OF PORT INFRASTRUCTURE

REDUCTION OF EMISSIONS
GENERAL MANAGER, PORT BUSINESS DEVELOPMENT
WÄRTSILÄ
ONE ECOSYSTEM

- 100 000 VESSELS
- 3 000 PORTS
- 30 BILLION EUR WASTED EVERY YEAR
ONE SOLUTION FOR FLEET OPERATIONS
- ONBOARD NAVIGATION SYSTEM
- FLEET OPERATIONS CENTER
- VESSEL TRAFFIC SOLUTION
Option 1
Wärtsilä ECDIS

Option 2
Wärtsilä Navi-Planner

Wärtsilä FCS

ETA

RTA Optimized route

Onshore Fleet Operations

Port
TECHNOLOGY LEADER, SMART SHIPS
BUREAU VERITAS MARINE AND OFFSHORE
- EFFICIENT
- SUSTAINABLE
- EASY TO INSTALL
BUREAU VERITAS ASSESSMENT ON CYBERSECURITY
YOU ARE JUST-IN TIME FOR A BETTER FUTURE

WWW.WARTSILA.COM/NAVI-PORT