Base^n

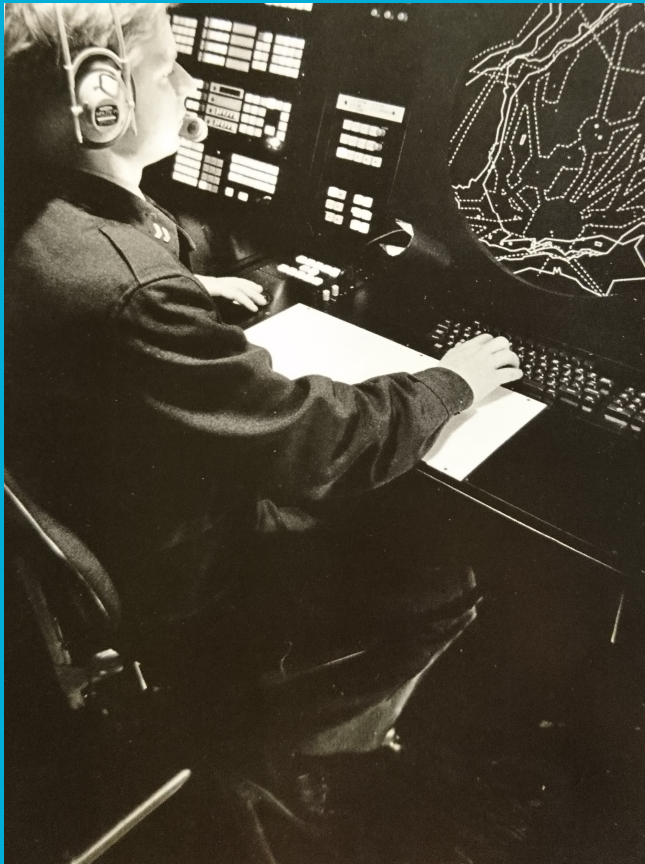## Shipping Spime

Next generation digital twin for the maritime industry

Pasi Hurri
President & CEO
BaseN

- Background in the Finnish Air Force and pioneering telecom operators

- Mission critical thinking

- BaseN Platform's core features:
  - scalability
  - fault tolerance
  - inherently distributed architecture
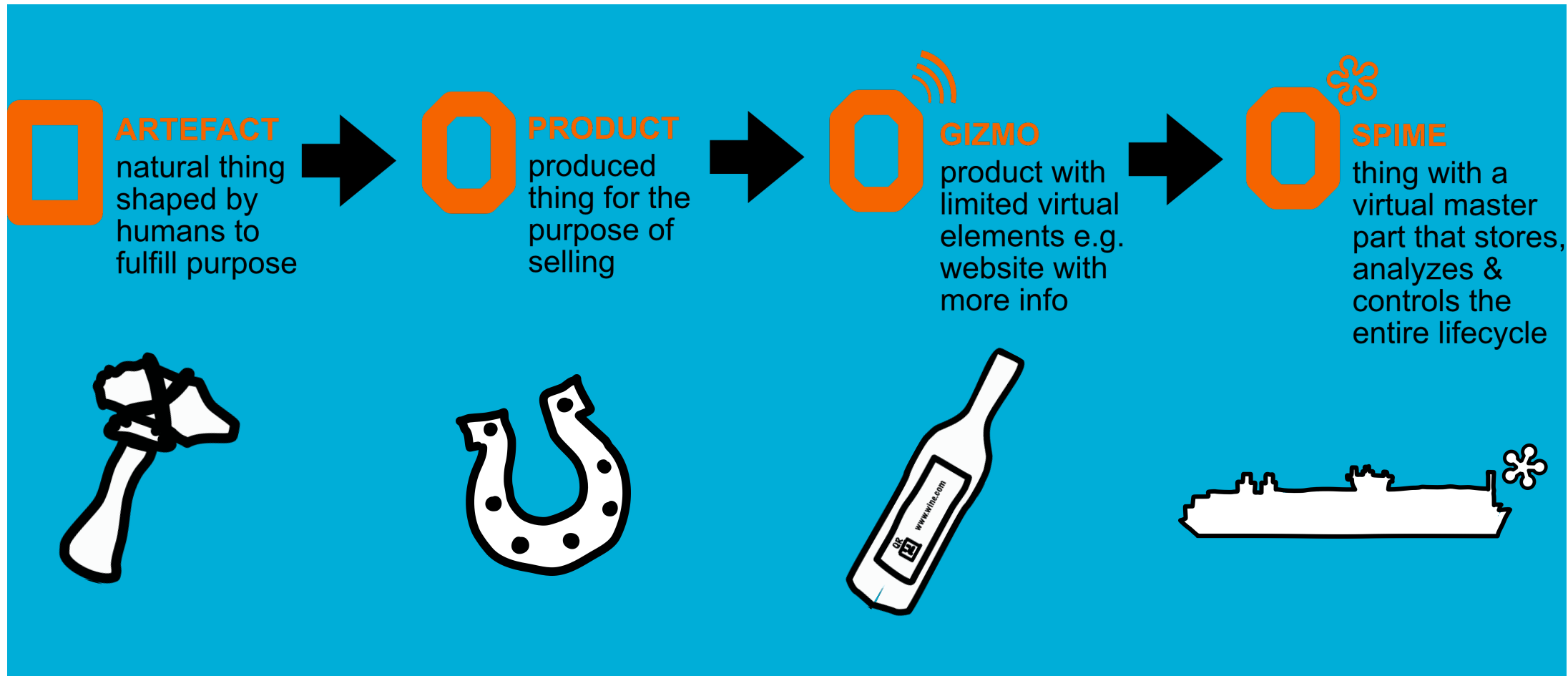
BaseN in brief

- BaseN operates and continuously develops its own full stack IoT Platform
  - Since 2001
  - Fully owned Intellectual Property Rights
  - Own infrastructure
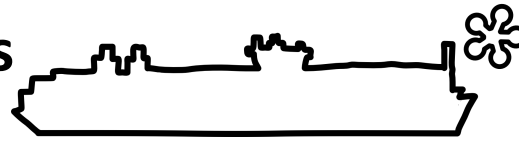 - 24x7 SLAs provided to customers

- BaseN has the full technology stack to collect, store, analyze, correlate and visually present desired data streams from any source

IoT – Digital Twin - Spime

ARTEFACT
natural thing shaped by humans to fulfill purpose

PRODUCT
produced thing for the purpose of selling

GIZMO
product with limited virtual elements e.g. website with more info

SPIME
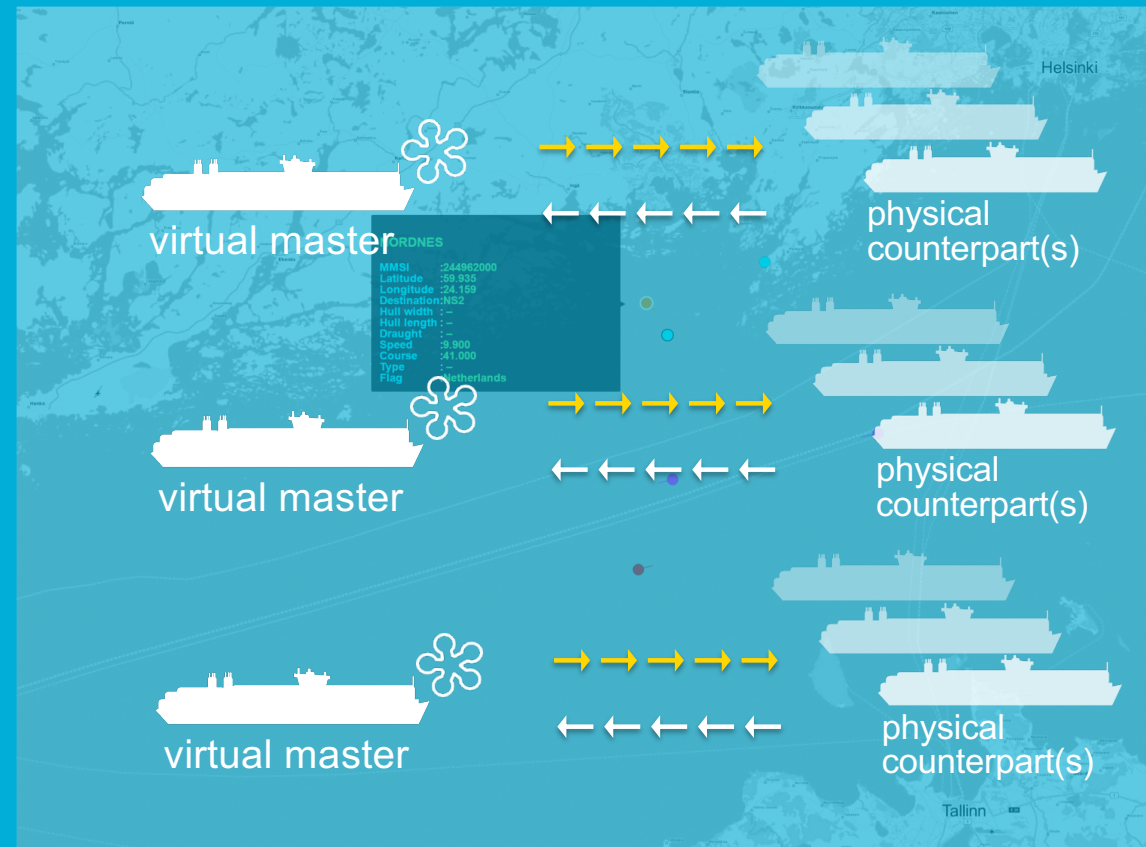thing with a virtual master part that stores, analyzes & controls the entire lifecycle
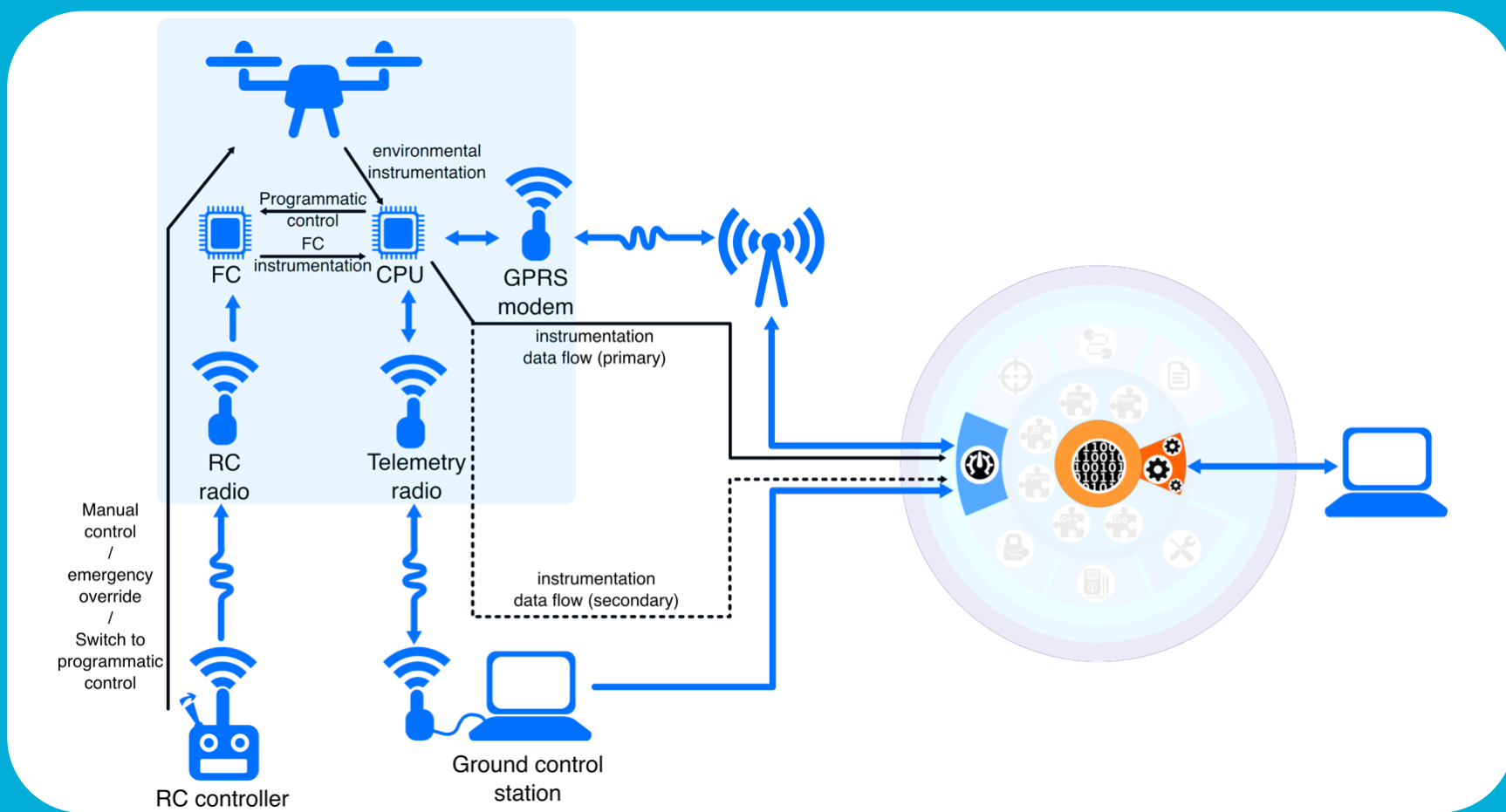
Spime comes before autonomous

- Track the entire lifecycle of ships as a whole and/or their individual components
  - As well as any related equipment and cargo (even liquids and gases)

- Real time **bi-directional** data flows

- The virtual master - spime - comes first and stays forever

- Spime collects all needed information, correlates the data to create forecasts and suggest improvements, alerts on malfunctions before serious issues arise

Enabling spimes

Real spimes

Thank you!

Baseⁿ

Pasi Hurri

CEO & President, BaseN

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