Meriliikenteen digitalisaatio

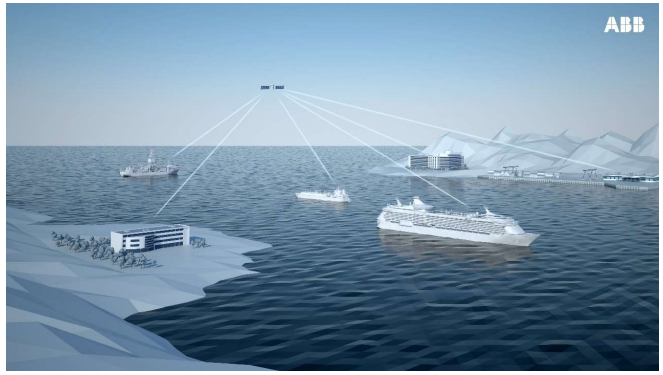
Päivi Haikkola

DIMECC

Image © Rolls-Royce

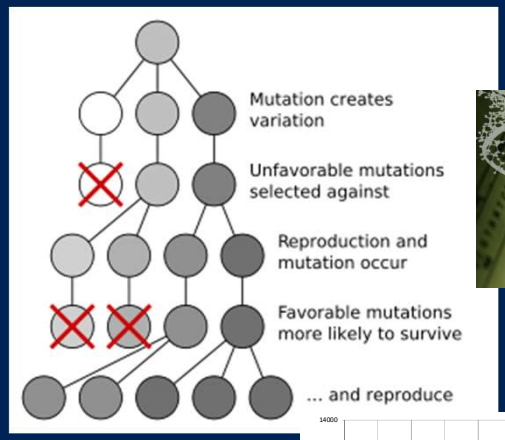
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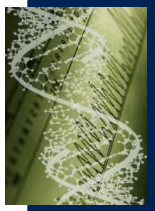
- Alusten ja tuotteiden suunnitteluun liittyvä digitalisaatio
- Merenkulun digitalisaatio
- Varustamotoiminnan digitalisaatio
- Automaatiotason kasvattaminen meriliikenteessä

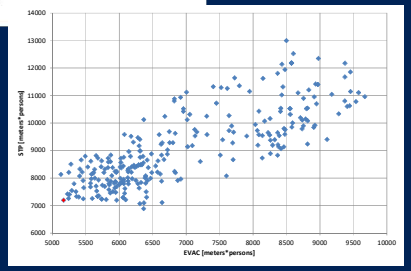


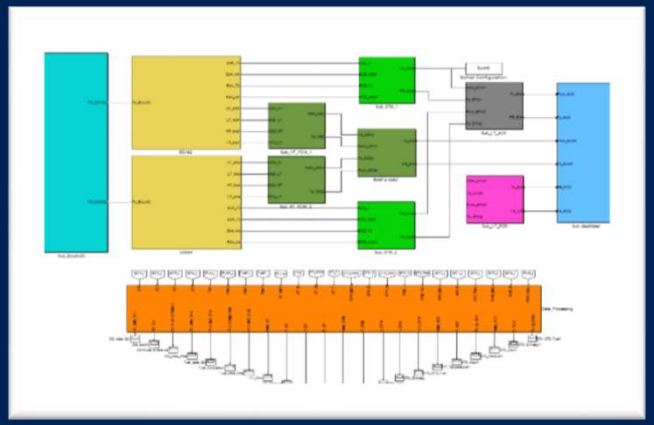
DIMECC One Sea

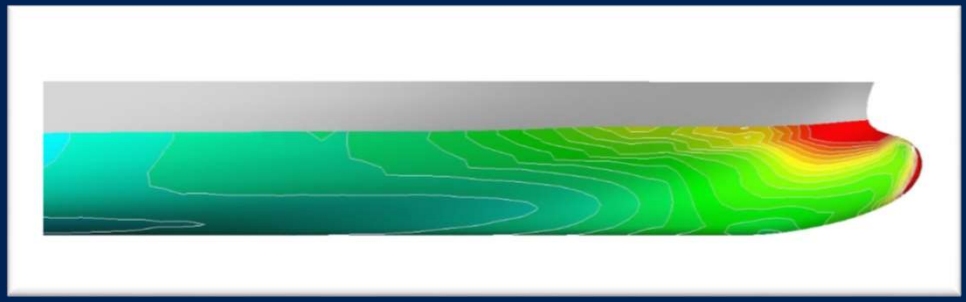
Alusten ja tuotteiden suunnittelu







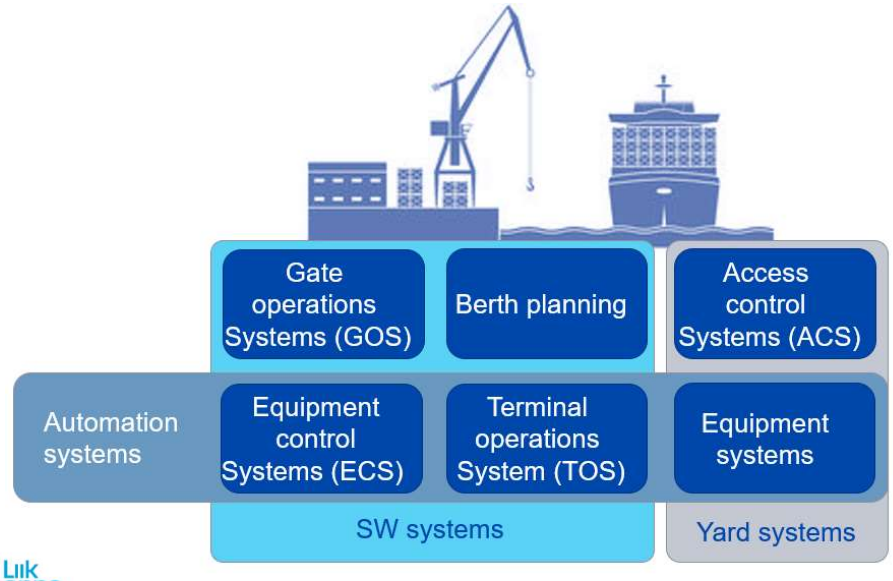


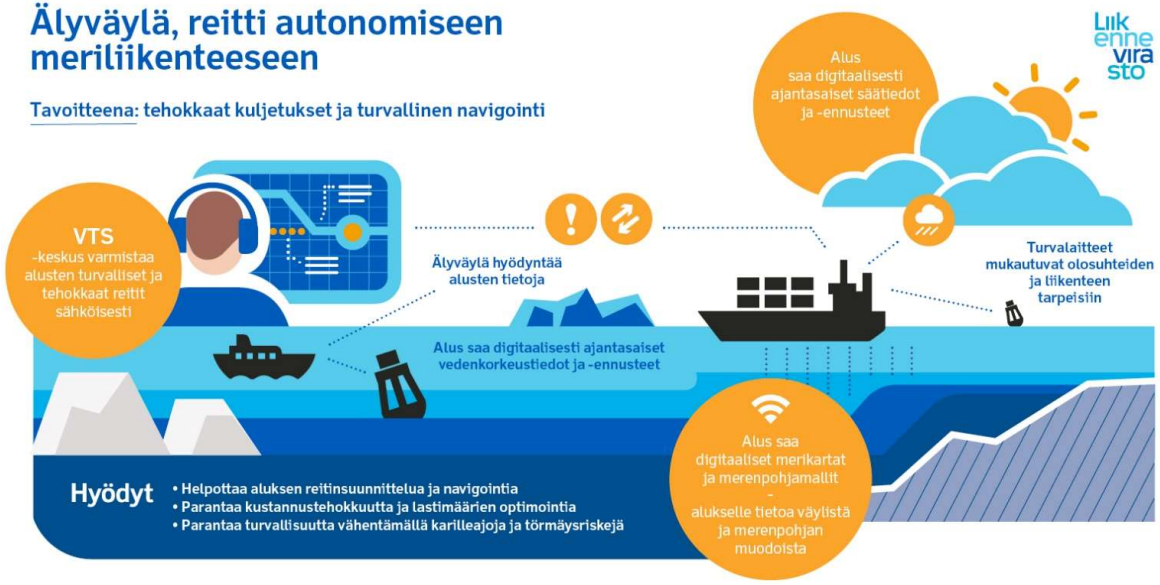


Kuvat: Deltamarin

DIMECC One Sea

Merenkulku





Kuva: Liikennevirasto

DIMECC One Sea

Varustamotoiminta



Kuva: Carnival Cruise Lines

DIMECC One Sea

Automaatiotason kasvattaminen




Suomalaiset yritykset ovat merenkulun digitalisaation edelläkävijöitä
Image © Cargotec

DIMECC One Sea

Lakimuutos edistää miehityksen ja vahdinpidon osalta laivaliikenteen automatisaatiokokeiluja

NEWS

6 months ago

ABB Ability™ Marine Pilot Vision looks beyond human vision for ship automation

2017-11-21 - ABB has unveiled a new situational awareness solution that will make vessel operations safer and more efficient. The solution can be used by officers anywhere onboard a ship and marks the next step towards remotely controlled and ultimately

Wärtsilä successfully tests remote control ship operating capability

Wärtsilä achieves notable advances in automated shipping with latest successful tests

Wärtsilä Corporation, Press release, 28 November 2018 at 2:00 PM E. Europe Standard Time

The technology group Wärtsilä has successfully completed a further round of test procedures of its automated dock-to-dock solution. In an unprecedented operation, in the presence of the Norwegian Maritime Authority (NMA), the system was further tested on the ferry 'Folgefonn', this time for full dock-to-dock capability, with the autonomous operation being utilised uninterrupted for the entire route, visiting all three ports serviced by the ship.

B0 – a conditionally and periodically unmanned bridge

Rolls-Royce and Finferries demonstrate world's first Fully Autonomous Ferry

More about: Press release › Marine › Ship Intelligence › United Kingdom ›

Rolls-Royce and Finnish state-owned ferry operator Finferries have today successfully demonstrated the world's first fully autonomous ferry in the archipelago south of the city of Turku, Finland.

The car ferry *Falco* used a combination of Rolls-Royce Ship Intelligence technologies to successfully navigate autonomously during its voyage between Parainen and Nauvo. The return journey was conducted under remote control.

During the demonstration, the *Falco*, with 80 invited VIP guests aboard, conducted the voyage under fully autonomous control. The vessel detected objects utilising sensor fusion and artificial intelligence and conducted

KALMAR AND YARA TO DEVELOP WORLD'S FIRST FULLY-DIGITALIZED AND ZERO EMISSION CARGO SOLUTION FOR YARA BIRKELAND

24/05/2018

KALMAR TRADE PRESS RELEASE

NOKIA, ABB AND KALMAR CONDUCT INDUSTRY'S FIRST TRIAL WITH ULTRA-RELIABLE, LOW-LATENCY 5G TECHNOLOGY FOR ELECTRICITY GRID AND HARBOR AUTOMATION

14/11/2018

Rolls-Royce offers ship navigators a bird's-eye view with Intelligent Awareness game-changer

Tuesday, 6 March 2018

Rolls-Royce has unveiled a sophisticated situational awareness system that fuses multiple sensors with intelligent software to mitigate against the safety risks navigators face when operating vessels at night, in adverse weather conditions or in congested waterways.

Ecosystem grows

NEWS

1 year ago

ja One Sea avaavat maailman ensimmäisen kaikille avoimen testialueen: Itseohjautuvien laivojen kokeilu täyteen vauhtiin

NEWS

1 year ago

One Sea -ekosysteemi edelläkävijöitä

NEWS

6 hours

Nokia

5G-te

NEWS

2 weeks

Rolls-

NEWS

2 weeks ago

Tieto toimitt

Meripelastu

johtamisjärj

NEWS

3 months ago

lobal Tech Leader by Reuters

l and ICEYE win Pike Tank ompetition

DIMECC opens the first globally available autonomous maritime test area on the west coast of Finland – One Sea implementation moves forward

NEWS

1 year ago

DIMECC One Sea

Digitalisaatio kehittää:

Turvallisempaa merenkulkua
Puhtaampaa merenkulkua
Tehokkaampaa merenkulkua
Työpaikkoja Suomeen



DIMECC One Sea

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ABB

tieto

CARGOTEC
HIAB · KALMAR · MACGREGOR

Rolls-Royce

ERICSSON

WÄRTSILÄ

FINNPILOT

Suomen Varustamot
Rederierna i Finland
Finnish Shipowners' Association

Meriteollisuus
Finnish Marine Industries

Suomen Satamaliitto
Finnish Port Association

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