

Kongsberg Digital Maritime Simulation

MUF Konferansen
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Bjarne Torkelsen





KONGSBERG



Maritime Simulation – Next Level

KONGSBERG BUSINESS AREAS



KONGSBERG



KONGSBERG MARITIME

Global market leader within offshore, merchant marine and subsea applications



KONGSBERG DEFENCE & AEROSPACE

Modern product portfolio in growing defense and aerospace niches



KONGSBERG DIGITAL

Developing the next generation of digitalized products and services

TECHNOLOGY DEVELOPMENT



KONGSBERG



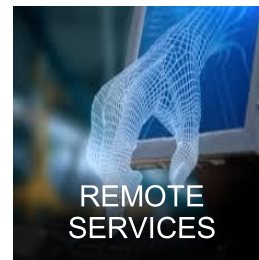
CLOUD
COMPUTING



BIG DATA TO
SMART DATA



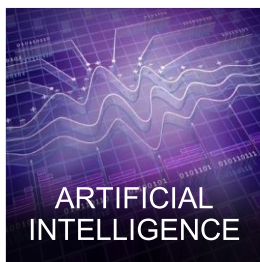
SOFTWARE
TO SERVICES



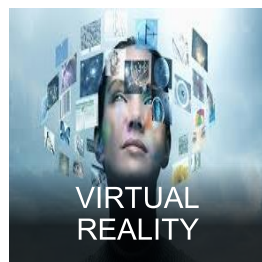
REMOTE
SERVICES



DIGITAL TWINS –
CM/CBM



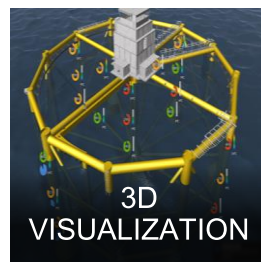
ARTIFICIAL
INTELLIGENCE



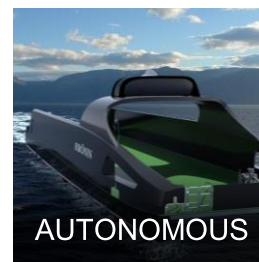
VIRTUAL
REALITY



AUGMENTED
REALITY



3D
VISUALIZATION

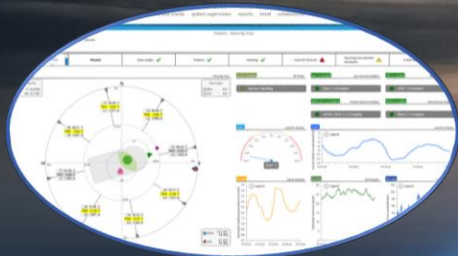


AUTONOMOUS



CYBER
SECURITY

CONDITION MONITORING

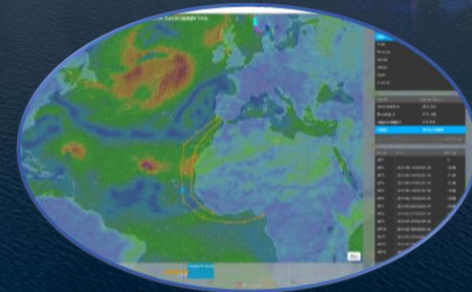


REMOTE SERVICES

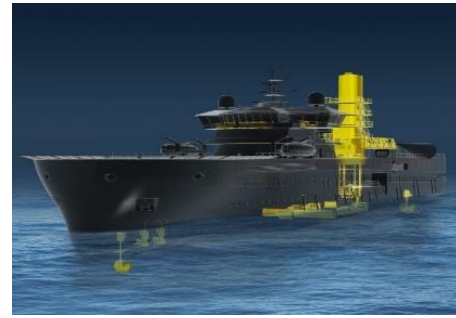
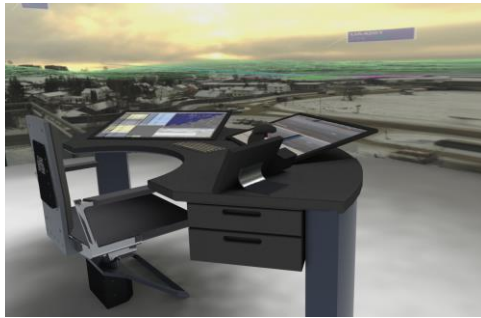


SMART DATA IN OCEAN SPACE

VESSEL & FLEET
PERFORMANCE



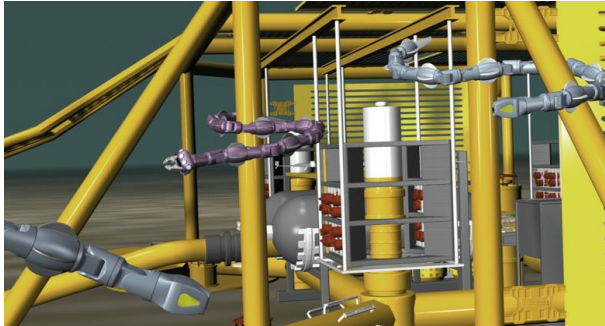
Our R&D focus reflects our belief in technology leadership



INNOVATION DRIVES NEW OPPORTUNITIES



KONGSBERG



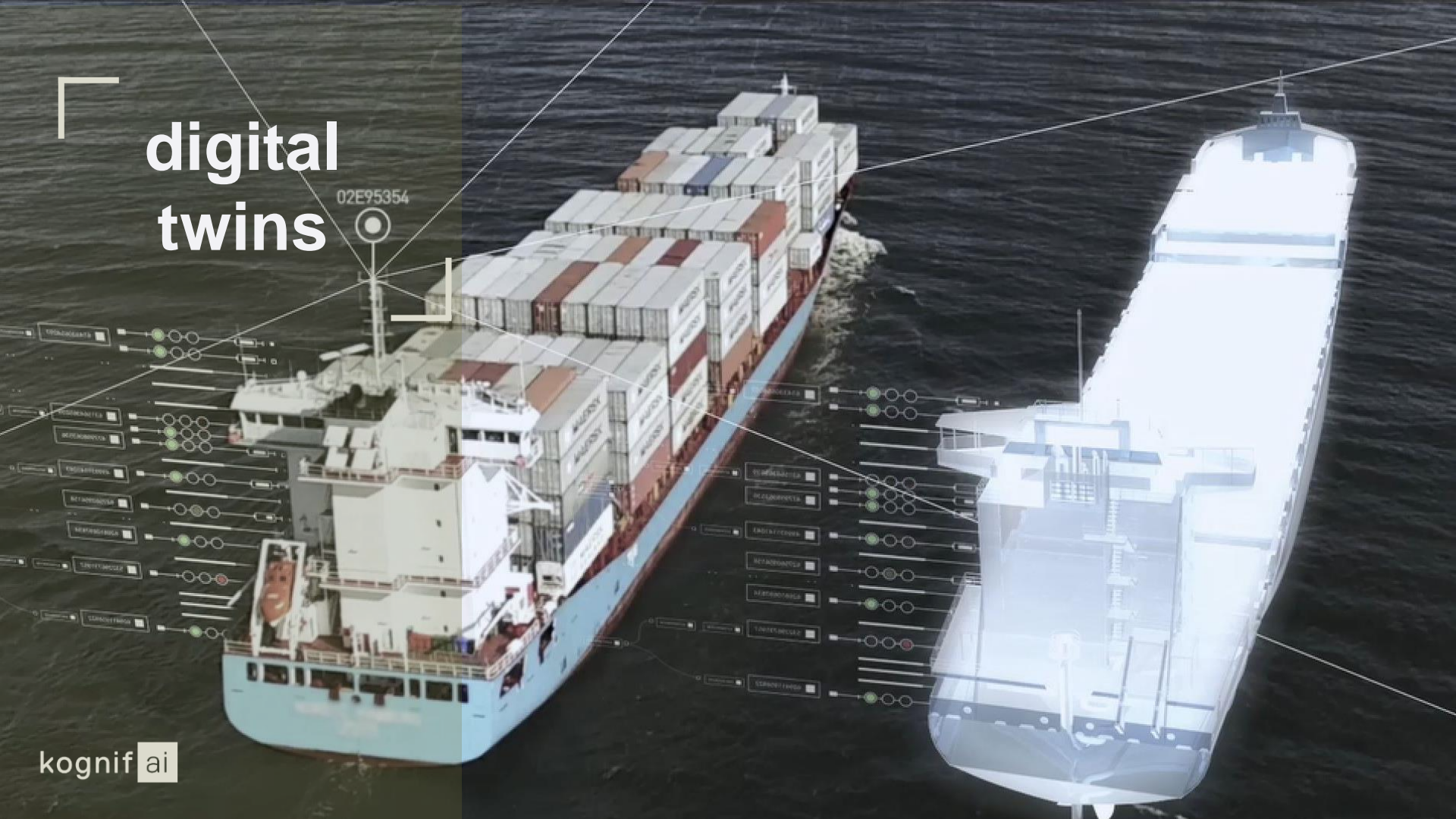
AUTONOMOUS OPERATIONS

kognif ai

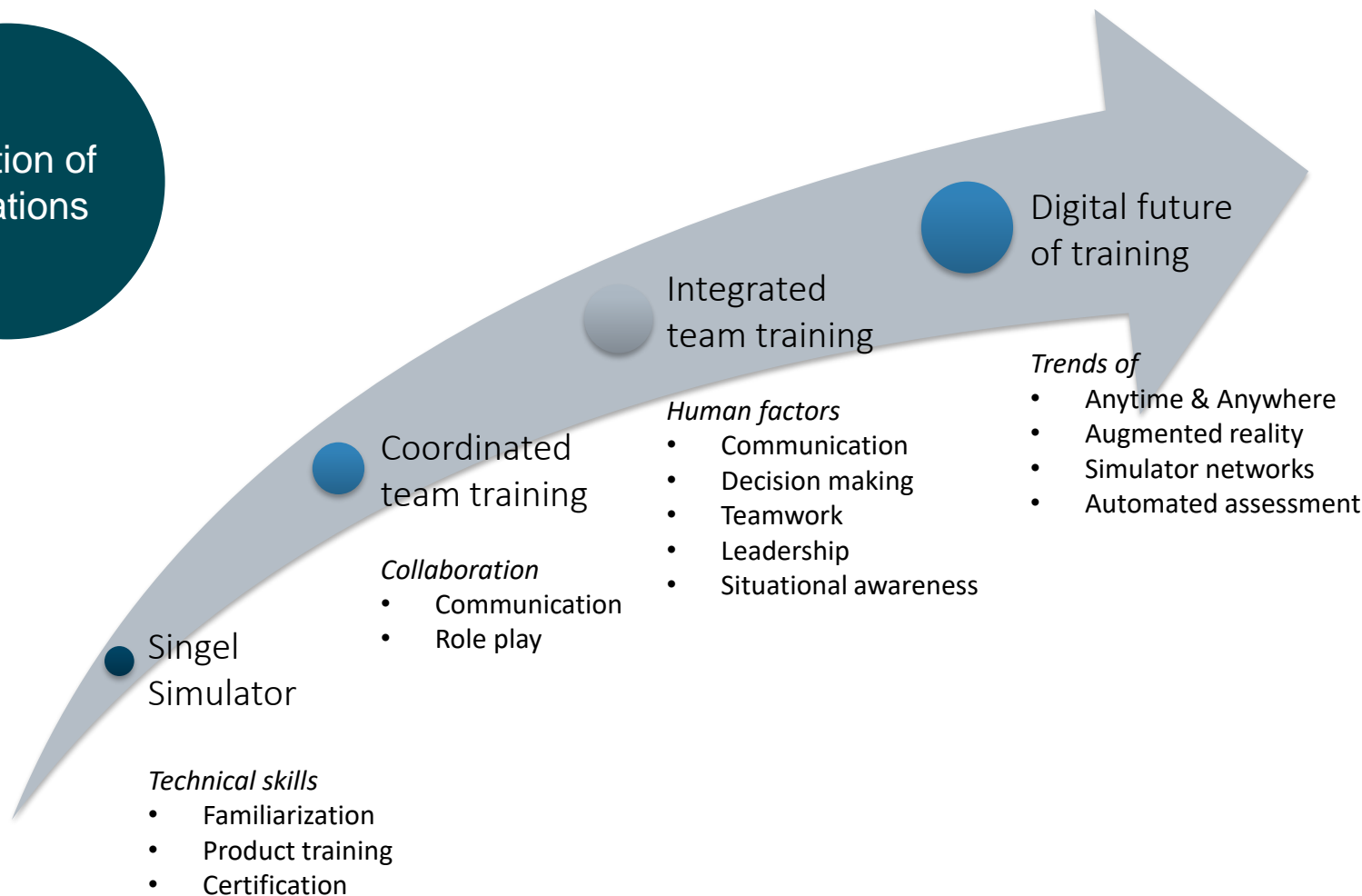


digital twins

02E95354



Evolution of simulations





Our ambition



KONGSBERG

Kongsberg Digital Maritime Simulation

- We acknowledge that our business is going through a process of digitalization that will impact our market, competitors, customers, and the way we do business.
- We will actively use this transition to strengthen our position and grow our customer value
- We will take the ecosystem position within the maritime training industry. We are in the best position to do so:
 - *Having the most advanced simulation technology and domain knowledge.*
 - *And the most important; our great customers & partners; YOU*

DIGITALIZATION; TWO MAIN STREAMS



KONGSBERG



Maritime Education & Training

- *An ecosystem facilitating content/exercises, simulations and connectivity*
- *New user groups*
- *Training anywhere – anytime*
- *Using Kognifai as a facilitator where relevant*



Maritime Industry

- *An ecosystem, facilitating advanced simulation for vessel design and performance studies, supporting engineering and research, operational verification and optimization.*
- *Digital twin*
- *Autonomous operations, training needs?*
- *Development by simulations, engineering, synthetic world/test bed*
- *Decision support*
- *Using Kognifai as a facilitator where relevant*

kognif ai



KONGSBERG

Introducing kognifai



kognifai™

Kognifai is a digital ecosystem – in other words, a complex, interconnected network of organizations, applications, and assets. It supports collaboration and knowledge-sharing between all organizations that are part of it, enabling them to interact at a new level to provide new reach and business value.



K-Sim simulators

Next generation simulators designed for integrated simulation training



K-Sim models

Browse our library of both standard and tailor made vessel and engine models



K-Sim exercises

Advanced simulation training with realistic scenarios in real-time



K-Sim connectivity

Connect simulators and provide training in the same virtual exercise

KEY FOCUS AREAS



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KONGSBERG

Creating an ecosystem between the K-Sim products and the many users

Adding value by addressing the space between the users and simulator systems

Opens up new business opportunities for Kongsberg and the Training providers





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K-Sim Navigation Next level





KONGSBERG

SOLUTIONS TO PEOPLE AND COMPANIES OPERATING UNDER EXTREME CONDITIONS



KONGSBERG is founded on 200 years of experience and the core values of determination, innovation, collaboration and reliability.

We are a worldwide knowledge-based environment who work closely together with customers and partners to develop advanced systems and technology for people working under extreme conditions.

Our solutions ensure safety and high performance in operations ranging from deep sea to outer space.

As such, we create value for our customers, owners, employees and society at large



KONGSBERG

WORLD CLASS

THROUGH PEOPLE, TECHNOLOGY AND DEDICATION