





MAN Energy Solutions

# EXPLORING THE SIGNIFICANCE OF DIGITAL COMFORT

# Importance of Digital Comfort: How did it come about?

SIMPLE ! WE ARE ALWAYS FOCUSED ON . . .

## ✓ INDUSTRY CHALLENGES



### Risks & Challenges

- Engines becoming more complex.
- Environmental Regulations becoming more strict.
- Competence challenge; Experienced level meets new engine technologies.

## ✓ CUSTOMER FEEDBACK



### Feedback

- Supporting easy & safe engine operation.
- Detecting customer needs and providing valuable products.
- Creating customer-oriented products.

## ✓ SOLUTIONS / OPPORTUNITIES



### Solutions & Opportunities

- Enriched Data
- Providing unique engine domain knowledge.
- Deep customer insight and industry expertise.

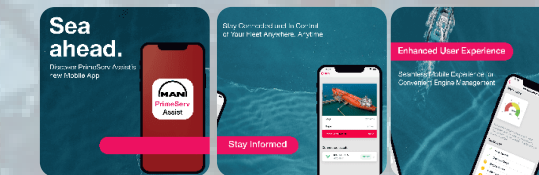
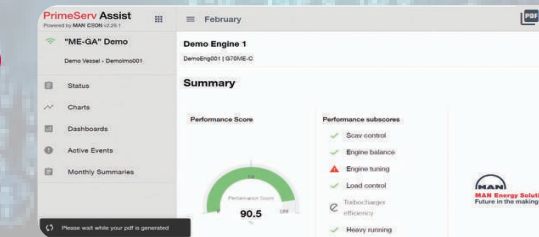
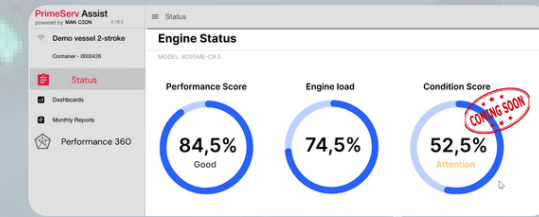
# Safety in the Digital Age: Cyber Security



- 1 Check:** Which cyber risks are associated with my ship operations?
- 2 Evaluate:** Are my current measures sufficient or are further measures necessary?
- 3 Implement:** Determine and implement further appropriate technical, organizational or personal measures
- 4 Analyze:** Measures to avoid or reduce cyber risks are to be checked for effectiveness on a regular basis.

# UNVEILING THE DRIVERS OF DIGITALIZATION

# The Technological Backbone: CEON



- ✓ SFOC Score
- ✓ Performance Score
- ✓ Data Quality Score
- ✓ Data Sharing
- ✓ Monthly Summaries (PDF)
- ✓ PrimeServ Assist Mobile App

# The Digital Comfort Advantage:

Digging deeper into the **benefits** of online **Data Acquisition**  
+ Paving the way towards **Data Collection & Analysis.**

- Enhanced decision-making



- Diminished environmental footprint



- Boosted operational efficiency



- Fuel Saving ; Turbocharger



# ENVISIONING A DIGITAL FUTURE

A digital landscape background composed of a grid of blue and white dots, creating a sense of depth and perspective. The dots are arranged in a way that suggests a horizon and a vast, futuristic terrain.



# Crafting the Digital Horizon:



The introduction of virtual roles as operational support.

The adoption of Remote Assistance through audio, video, and chatbot platforms to guide customers.

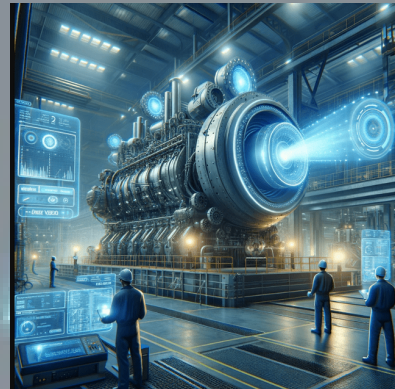
Real-time monitoring of Customer Assets through our remote support.

# The Role of AI in our Future:

**Data Science + Domain Knowledge + Digital Technology**



**CEON ChatBot**



**Computer Vision  
Capabilities**



**Enhanced Machine  
Learning**

# THE CONNECTIVITY REVOLUTION AT SEA

# The Evolution of Maritime Connectivity:

- High-Speed Internet through Satellite Technology
- Ship as a Node in Global Networks
- Enhanced Cybersecurity Measures
- Latency Reduction for Real-Time Operations
- Integration of Internet of Things (IoT) and AI



The background of the slide is an abstract, digital-style pattern of blue and white dots and lines, creating a sense of depth and movement, resembling a data visualization or a stylized landscape.

**THANK YOU  
EVERYONE**