



# Data & Artificial Intelligence at Scale in the USCG

APRIL 3, 2023

CAPT BRIAN ERICKSON, CDO  
UNITED STATES COAST GUARD











# Data Transformation

**ODA Mission** - To accelerate the advancement of data and artificial intelligence (AI) to increase business efficiency and mission capability across the Coast Guard.

1 Culture

2 People

3 Process

4 Technology Revolution





# Culture, People & Process

## CULTURE

Chief Data Officer

Data as a Strategic Asset

Public, Industry, and Counterpart Engagement

Data Mesh/Data Fabric

## PEOPLE

Federated Data Teams

Workforce Transformation

Competencies

Training

## PROCESS

Federated Data Governance

Data Quality Management

Data Sharing

Data Integration



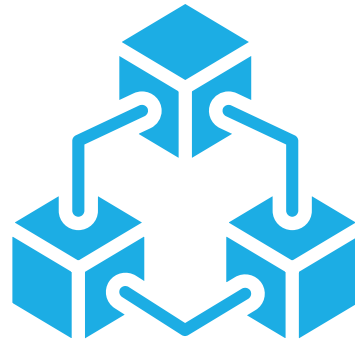
# Technology



## USCG INTEGRATED DATA ENVIRONMENT



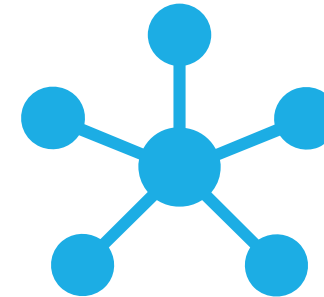
CLOUD  
INFRASTRUCTURE



BIG DATA PLATFORM  
SOLUTION



DATA GOVERNANCE  
SOLUTIONS



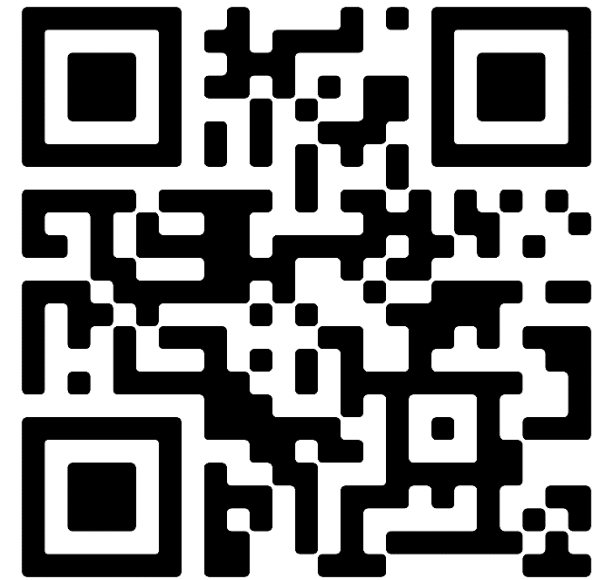
DATA INTEGRATION  
SOLUTIONS



ANALYTICAL TOOLS



# Tomorrow Looks Different. So Will We.



There is no greater privilege than to serve your Country in the  
U.S. Coast Guard.

Visit [GoCoastGuard.com](https://GoCoastGuard.com) for more information.

Follow the USCG Data  
Journey on LinkedIn