

From IT to OT Finding our space

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- 20 years in Fleet Management Software (including 12 years in Star Information Systems)
- 10 years with digital projects in Kongsberg and Veracity/DNV



From IT to OT

- Finding our space

- Why
- How
- Opportunities
- Q&A

Why should STAR engage?



Motivation- internal and external

- **Background**

- ✓ STAR is releasing STAR SUITE with state-of-the-art SaaS technology.
- ✓ STAR has new owners with clear digital ambitions
- ✓ Get into the value creation and our customers digital strategy
- ✓ Make STAR a more attractive place to work

- **Customer Listening**

- ✓ Customers need partners in their digital transformation projects- buy or build?
- ✓ More use cases depend on a combination of IT, OT, unstructured data, and new technologies
- ✓ Digital transformation requires a range of digital use cases- need the right technology, tools, and partners



Value proposition

STAR offers a comprehensive, open, and independent IT and OT platform to enable and accelerate our customers' digital transformation projects through technology, partnership, and competence.

How can STAR contribute?



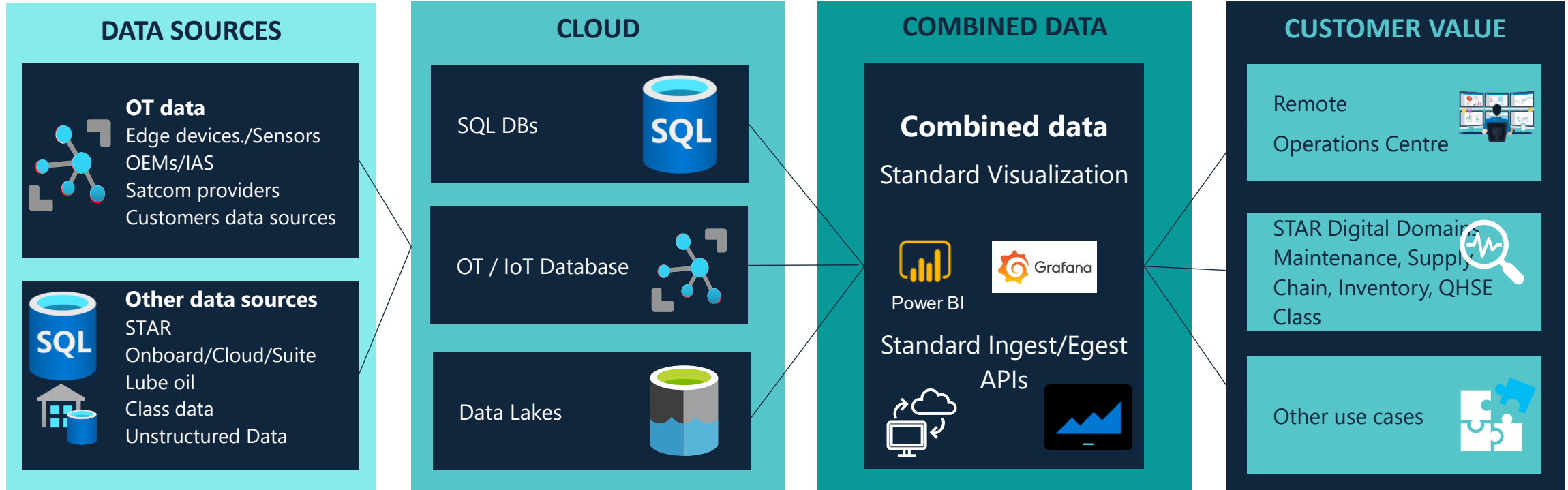
Technology / Partners / Competence

- Leverage our footprint with advanced customers for 'STAR domain' use cases.
- Orchestrate data and create an environment for other use cases
- Learn from digital boom successes and failures- finding our space.
- Be very clear on an independent and no lock-in strategy
- There is no need to compete with everybody else.
- Cloud solution onshore only- onboard/Edge is crowded
- There are lots of opportunities in collaboration and partnering with data capture solutions, OEMs, Satcom providers, analytics, and Start/Scale-ups.
- Creating a workspace for combining IT, OT and unstructured data
 - Using standard NoSQL databases and tools
 - Get into the value creation
- Clear digital strategy to make STAR attractive for young talent combined with experienced people.



STAR Suite Workspace

Creating an environment for multiple use cases



Standard APIs / Interfaces

Data Pipelines

Partnering

Data Contextualization

Identity/SSO

Single Pane of Glass

Data Security

Data Quality

Data Management

Partnering

Collaboration


Transparency

STAR Suite Workspace

Multiple use cases

CUSTOMER VALUE

Remote Operations Centre

STAR Domain Cases 

Other use cases



Empowerment
through one view

Single source of
truth

PMS/CM/CBM

OEMs

Digital /Beyond
Class

Supply Chain

HSEQ

API management

AI/ML 

Digital Twins

Analytics

Asset Models

STAR SUITE DATA INGEST AND ORCHESTRATION

Partnering

Collaboration

Transparency

STAR Suite Workspace

Summary

Data is ingested from multiple sources.

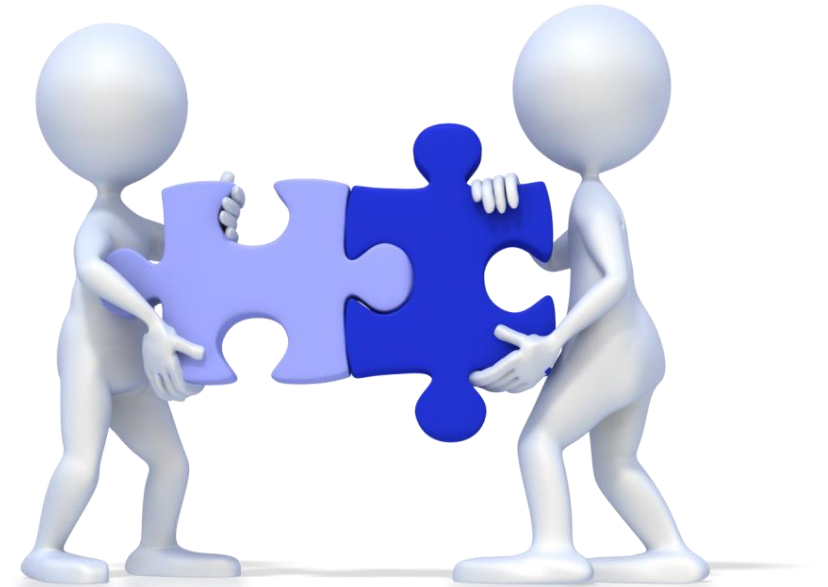
- Work with customers' existing infrastructure and data sources.
- STAR Suite Digital Workspace doesn't cover data capture onboard beyond Star IPS.
- Create interfaces and collaborate with customers, OEMs, and data providers.

Data storage, management, and contextualization

- Standard data storage, data management/data quality services, and security.
- Use existing data models/contextualization such as DNV VIS/Maritime Context, NORSOK, SFI.
- Combine data for all sources and visualize through standard tools.

Create value quickly

- Deliver standard monitoring visualization of all data for Remote Operational Centre.
- Provide a basis for CM/CBM, Predictive maintenance, Class, and others in STAR Suite-related topics.
- Orchestrate data for customers' other use cases and digital roadmap.



Opportunities to collaborate and innovate



Acceleration to the cloud

Get started on standard infrastructure with established data pipelines, integrations, standard functionality and best practices.



Risk and cost reduction

Scalable solutions with cost and risk sharing with other customers and partners



Stimulate innovations

Work together with OEMs, classifications societies and other stakeholders on relevant use cases.



Better data integration

Create standard data pipelines from major OEMs and other stakeholders. Standard methodology



Data Pipeline Automation

Enables automation of data ingestion pipelines including data connectors to common data sources e.g. class, OEMs



Partnering

More strength through multiple customers working with OEMs, Class and other stakeholders.



Growth & Improvement

Collaborate across customers on OT for new ideas, use cases, projects







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