



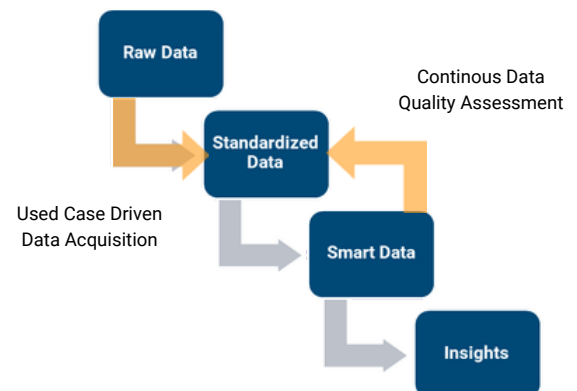
DATA COLLECTION AND ACQUISITION

Secure collection, standardization and transmission of onboard data

Hoppe Data Collection and Acquisition provides the foundation for digital vessel operations by integrating onboard data into a unified dataset. Secure end-to-end data handling enables reliable onboard analysis, ship-to-shore communication and fleet-wide data utilization.

Why Hoppe

- Structured and standardized data
- Use case driven data acquisition
- Continuous data quality assessment and feedback
- One single source of truth onboard and onshore
- Seamless integration of all onboard data sources



MIOT Connect Device

- Central device for all onboard data collection
- Connects systems, sensors and external interfaces
- Standardizes and stores data locally
- Enables onboard applications and data access
- Flexible configuration of interfaces and I/O modules
- Provides access to documentation and system information



Data Collection On Board

- Collect high-frequency data from any system and sensor
- Seamless integration with self-installation capability
- Standardize and ensure high-quality data
- Enable data access onboard and in the cloud
- Easily expandable with plug & play data sources

MIOT Data Acquisition

- Integration of any onboard system and source
- Project-specific and fully customizable solution
- Holistic and standardized vessel data set
- Maximum interface flexibility
- Foundation for advanced use cases

MIOT Digitalization Upgrade

- Fast and cost-efficient system digitalization
- Standard solution for Hoppe systems
- Focus on selected Hoppe data sources
- Plug & play installation
- Basic data access and monitoring

OUR PRODUCT RANGE

Fluid & Floating

- Valve Remote Control
- Anti-Heeling
- Tank Gauging
- Flume Anti-Rolling
- Interling Anti-Rolling
- Distance Measuring
- Draught Measurement
- Electronic Inclinometer
- Dynamic Draught and Floating Monitoring
- Floating Condition Control

Performance & Energy

- Emission Monitoring
- Energy Measurement
- Shaft Power Meter
- Fuel Measurement
- Energy Saving Solutions
- Crew Connect
- Performance Monitoring
- Data Collection and Acquisition

Fleet Services

- Spare Parts
- Technical Service
- Retrofit- And Upgrades
- MIOT Digitalization Upgrade

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