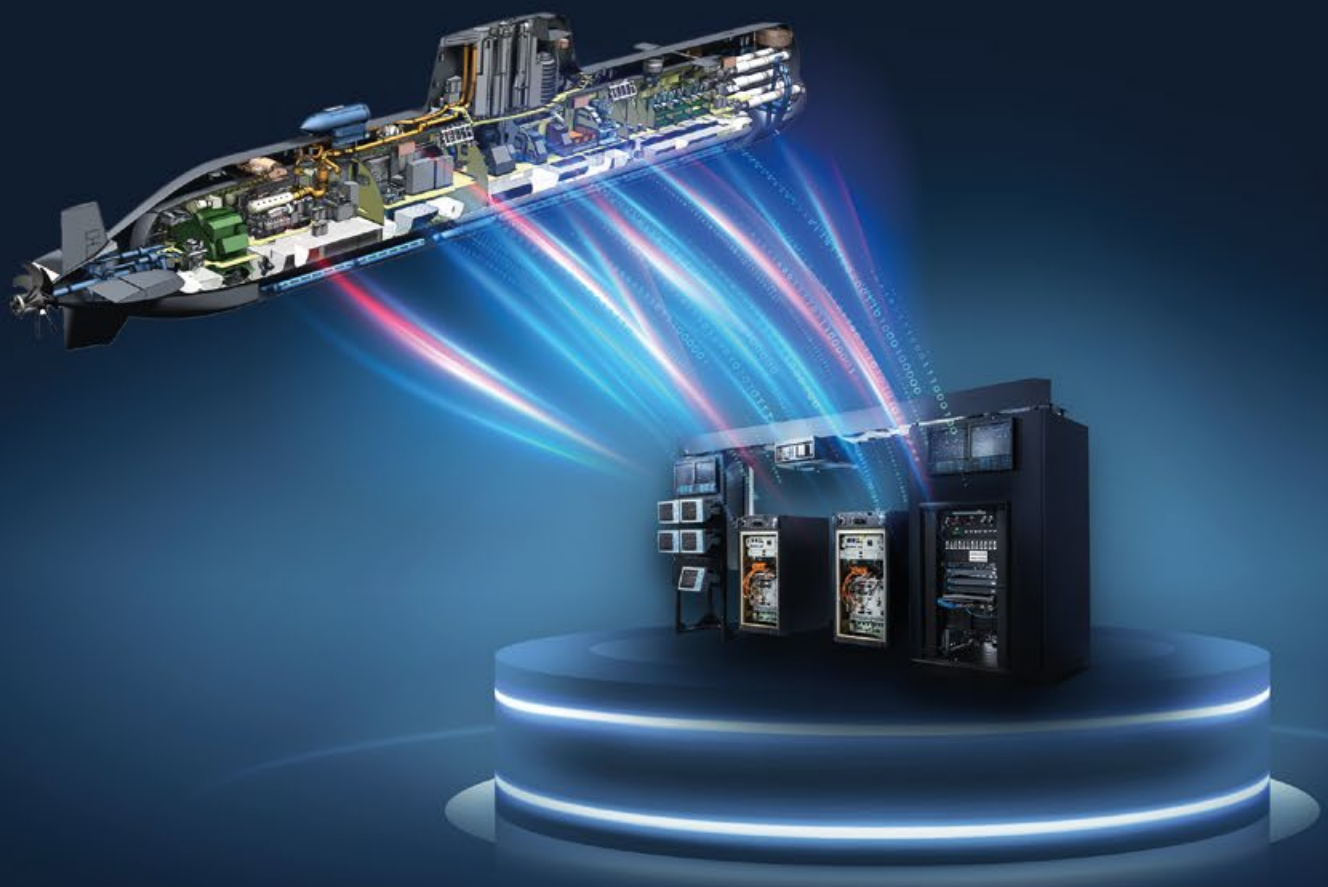
SUBSTAR

SUBMARINE DATA DISTRIBUTION SYSTEM (SDDS)



HAVELSAN

SUBSTAR

SUBMARINE DATA DISTRIBUTION SYSTEM

HAVELSAN SDDS is designed to receive and distribute data from various sensors and systems in real time, ensuring submarines operate efficiently in their missions. It records and stores all mission-critical data for over 50 days, enabling analysis of navigational safety and operational effectiveness, with the ability to review data on board or at shore. Featuring a redundant and expandable architecture, SDDS guarantees service continuity and fault tolerance tailored for different types of submarines. Additionally, it integrates with the HAVELSAN Submarine Automatic Performance Analysis System (HDOPERA) to measure and analyze the performance of combat systems, enhancing operational effectiveness and supporting informed decision-making.

KEY FEATURES

- ➤ High Speed Platform, Tactical Sensor Data Collection and Prioritization
- ➤ Data Distribution to Different Clients in Different Formats
- ➤ Interfaces and Protocols
- ➤ Data Control with Private Data Processing Algorithm (VIA)
- ➤ Data Recording
- ➤ Data Replay
- ➤ Data Transfer
- ➤ Data Analysis
- ➤ Reliable and Redundant Design
- ➤ 24/7 Operation
- ➤ Multiple Control/Display Units for Easy Access
- ➤ Fully Compatible with Variable Environmental Conditions

ENVIRONMENTAL AND ELECTROMAGNETIC CONDITIONS

- ➤ MIL-STD-810F (Temperature, Humidity, Shock)
- ➤ MIL-STD-1474D (Airborne and Structural Noise)
- ➤ MIL-STD-461E (EMI-EMC)
- ➤ MIL-STD-1310 (Magnetic Field and Safety)
- ➤ IEC EN60529 IP23 (Sealing)
- ➤ IEC EN 60950 (Leakage Current)
- ➤ IEC-61000-4-5 (Surge/Shock)

INTERFACE OPTIONS

- ➤ ETHERNET
- ➤ RS-232/422/485, HDLC Serial
- ➤ Synchro
- ➤ Current Loop
- ➤ 400 PPNM
- ➤ Discrete
- ➤ CAN
- ➤ SDI/HDI/Composite/S-VIDEO
- ➤ HQ/1PPS, IRIG-B, NTP V4

CONNECTED SENSORS/SYSTEMS

INS, Gyro, GNSS, EM-Log, Doppler-Log, CTD, EchoSounder, Depth Sensor, CMS, SONAR, Weapons, SCC, HMP, Data Loggers, EMCS, ESM, RADAR, Periscopes, TCM, AIS/WAIS, SATCOM, ECDIS/WECDIS, Repeaters etc.