MRS MARINE

NMEA 2000 Gateway

A programmable gateway for bidirectional communication between CAN/J1939 and NMEA 2000, tailored to your application.



Seamless Data Integration: Connecting different Onboard Systems to your NMEA 2000 Network

The MRS NMEA 2000 Gateway enables configurable bidirectional communication between CAN/J1939 and NMEA 2000, tailored to the requirements of each application. Optional LIN and I/Os provide further integration flexibility. Ensure reliable transfer of engine or system data to your multifunction displays (MFDs) and navigation systems.

Flexible Programming

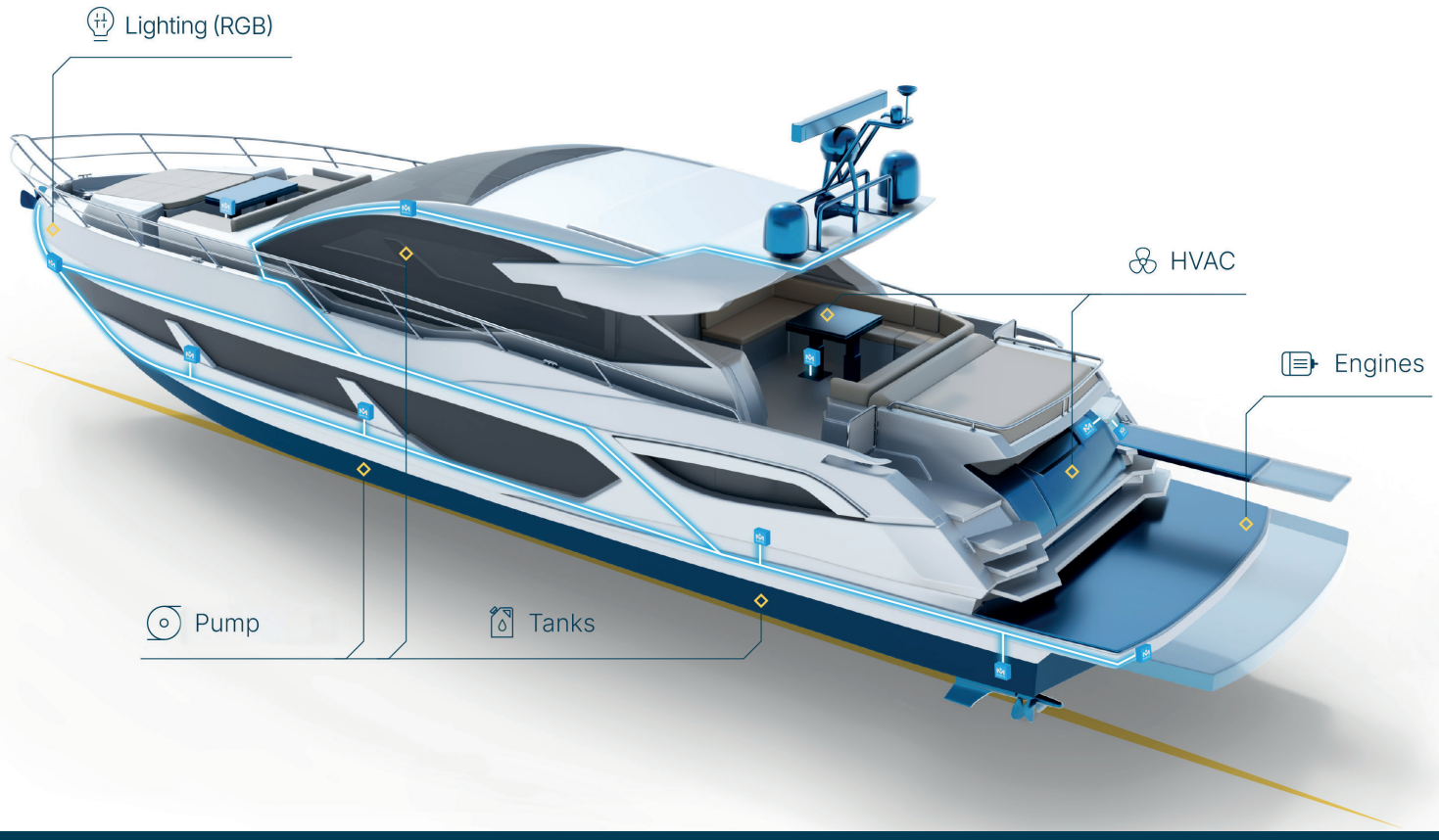
Adapt the gateway logic to your application, graphically or in C

OEM-Ready

Supporting your marine projects from development to series production

Broad Compatibility

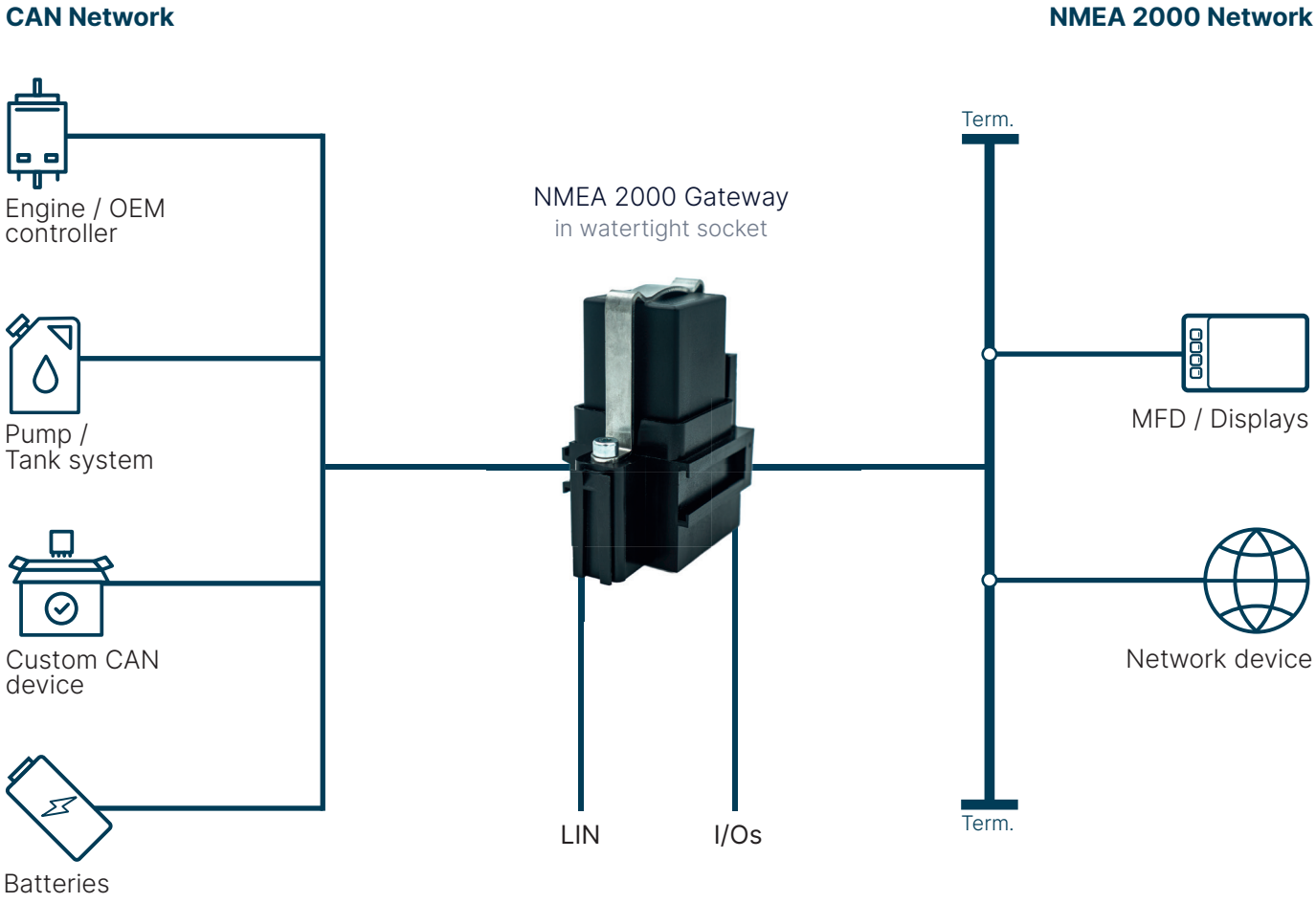
Connect different onboard systems to NMEA 2000



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One compact Gateway.
NMEA 2000 integration right where you need it.

- 32-bit processor
- Operating voltage: 9-32 V
- Dimensions: 30 × 30 × 40 mm
- Optional I/Os
- CAN / CAN FD / LIN interfaces
- IP rating up to IP6K8
- Flexible Programming with MRS Applics Studio: Graphical Programming or C Code



Conceptual application diagram. Final wiring and message mapping depend on the application.

Send us your application specs & get a tailored NMEA 2000 integration solution!

Our engineering team configures the NMEA 2000 gateway to meet your communication requirements and support the required NMEA 2000 messages. Whether for OEM series production or custom marine installations, we ensure a seamless setup.

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