

UPDATED FUNCTIONALITIES

## Classical CAN and CAN FD based networking

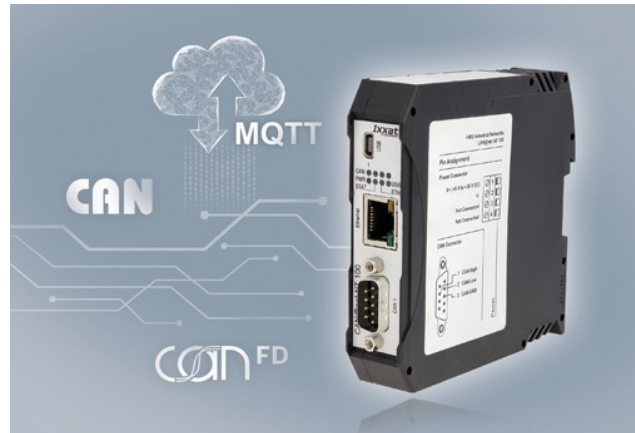
With the Service Pack 2, HMS Networks extends the functionality of the Ixxat CAN@net NT and CANbridge NT series. Users can now add event-controlled network actions and bi-directional MQTT-messaging to cloud applications.

Both product families enable CAN-based networking on-site and remotely. The CANbridge NT enables coupling of up to four Classical CAN and CAN FD networks using filter and translation rules. Network wiring can be simplified through tree and star topologies, and all connected segments are protected due to electrically isolated network interfaces. All CAN@net NT products come with an additional Ethernet interface, allowing distributed networks by coupling up to four devices using Ethernet. These products also allow remote access to Classical CAN and CAN FD networks via Ethernet and PC.

The Service Pack 2 (SP2) introduces enhanced "action rules" programming for definition and execution of events and actions for all CAN@net NT and CANbridge products. Based on LUA script processing, these user-defined actions can be triggered upon e.g. pre-defined message content or status information.

The Ethernet interface of the CAN@net NT series enables direct cloud connectivity via the implemented MQTT protocol. In SP2, bi-directional MQTT messaging is introduced. In addition to transmitting e.g. alarms and status information to mobile devices, messages can now also be received from the cloud for LUA script-based pre-processing, plausibility checking and transmission to the CAN network.

HMS also introduces another hardware – CAN@net NT 100 – that offers a D-Sub 9 network connector for Classical CAN/CAN FD network connectivity, complementing the existing 200 and 420 products that both feature screw terminals. The added hardware is a direct successor of the older CAN@net II which means that existing customers can exchange installed CAN@net II units in existing systems with the 100 NT and benefit from the functionality provided in SP2.



*The added hardware CAN@net NT 100 complements the CAN@net NT range with network connectivity (Source: HMS)*

[CW](#)