



IoT Complete – a service to connect products

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telenor IoT

3 %



Challenges



ROI

Upfront investments
Revenue and scale



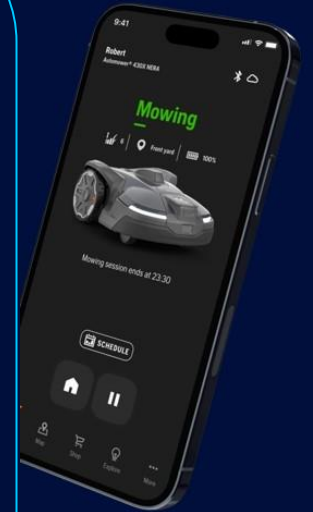
Quality

Demand for higher uptime
Lack of accountability



Complexity

Complex trouble-shooting
Multiple management tools



IoT Complete – a service to connect products



Mobile
connectivity



IoT Complete – a service to connect products



Faster to start



Higher quality



Easier to manage



Connectivity device



Configurable firmware



Mobile connectivity



Cloud bridge



Service level agreement



Management portal



QoS optimization



Health Monitoring



Connectivity devices



- ✓ Pre-certified devices
- ✓ Start quickly with fully populated boards
- ✓ Depopulate components for scale



Enterprise administration

- Users
- Domains
- Addresses
- Invoices
- Enterprise services
- Specifications
- Connectivity
- Enablement hardware
- Firmware**
- Cloud bridge
- Configurable application
- Service window
- Integration labels
- Health monitoring
- Subscriptions
- Monitoring
- Inventory
- Order template
- Order

Tools

Save

Components

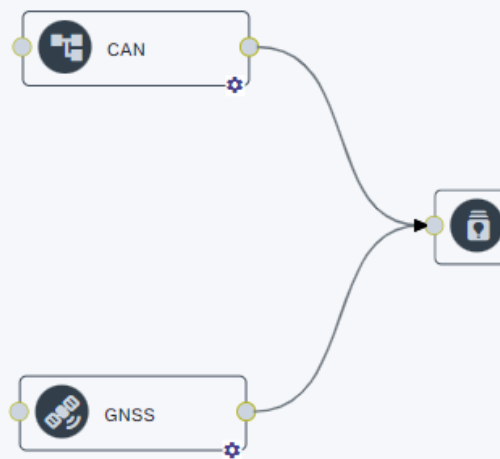
Ethernet UART Digital Input

Protocol

Sensor Protocol P1/HAN Port

Editor zone

Editor zone



CAN config

Can id: 3

Can fd bit rate in bits/s: 2000000

Status message: ID (HEX) 0000 PERIOD 0

Use can fd:

Use extended id:

Store sensor values locally:

Only listen passively:

Enable bus termination:

Enable loopback mode:

Message config	Mask	Items	
19B50500	FFFFFFFF	1	<input type="text"/> <input type="text"/>
19B50001	FFFFFFFF	3	<input type="text"/> <input type="text"/>
19B50008	FFFFFFFF	3	<input type="text"/> <input type="text"/>

+

OK Cancel

Where are we now?



The diagram illustrates the Telenor IoT Complete service architecture. On the left, various industrial equipment categories are listed: Industrial vehicles, Industrial controllers and PLCs, HVAC and foodservice equipment, Pumps and power equipment, and Security and surveillance. These are connected to a central 'IoT Complete' module. This module is supported by protocols: Ethernet, CAN, Modbus, Profibus, OPC-UA, and Analog & Digital IO Serial over USB. On the right, the service enables Digital services, Applications, and Business intelligence. A hand is shown holding a smartphone displaying a dashboard with 'Products monitored: 100%', 'Products connected: 100%', and a '99,9%' uptime indicator.

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Telenor IoT introduces IoT Complete – a new service making it easier to connect products

f in t d

- ✓ Official announcement June 2023
- ✓ 15 customers onboarded
- ✓ Great feedback and lots of fun!
- ✓ To start your own exploration – contact Claes Andersson, Rikard Florin or your Telenor KAM

