



- Industry 4.0
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MATRANDA

MTD_Server

Article nr. : MTD_Server



MTD_Server		Specification
Storage capacity		4Tb
Dimensions WxDxH		600x600x634
Supply voltage		230Vac
P-Nom		65W
Ethernet ports		5
Ambient temperature		10°C to 45°C
Protection class		IP20
Gland pass-through		X
Controller	Windows 10 IoT Enterprise 2021	
Software	<input type="checkbox"/> Data processing and linking for other applications. <input type="checkbox"/> Matranda standard software, including expansion of additional software	
Opslag tijd	7jaar	

The MTD_Server can be linked to PowerBI and other applications available within an organisation. If required, Matranda can also provide dashboarding for PowerBI, for example.

The MTD_Server is directly connected to the MTD_Control Module. It is not necessary to place the MTD_Server in the same subnet, it can also be at a different location.

The software of the MTD_Server can be extended with the SVS Software (Alarms and Warnings), Predictive Maintenance and Machine Learning.

The MTD_Server can process up to 16,000 different data Tags. If multiple data Tags need to be processed, we recommend installing an additional MTD_Server, or expanding the server.

All calculation programs are located in the Server. Matranda recommends an MTD_Fat Client to run the visualisations. This relieves the burden on the MTD_Server, and the SVS, Predictive Maintenance and Machine Learning software is programmed on the MTD_Fat Client. Since the Fat Client is already equipped with Matranda's standard software, the Server has no trouble processing the data towards the additional MTD_Fat Client.

To ensure data security, a proprietary network was chosen to transmit the encrypted data. The network is therefore a wired network according to the ISA95 model, equipped with RJ45 connectors (Ethernet).



MATRANDA, manufacturer and supplier of machine control and data collection with data transport.

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