Cloud Connect

Product Data Sheet

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Description

Cloud Connect is a robust solution designed to provide secure access to your local installations, regardless of manufacturer. With advanced features such as two-factor authentication, it ensures that only authorized users can access critical systems. Cloud Connect is the ideal solution for organizations seeking secure, flexible, and efficient access to their local installations. With its advanced security features and versatile connectivity options, it empowers users to manage their systems confidently and effective.

Key Features

Universal Connectivity

Seamlessly connects to your facilities, enabling integration across various equipment brands.

Secure Access:

- Two-factor authentication guarantees that the right users have access.
- Role-based permissions and user management enhance security.
- Built on the Zero Trust principle, ensuring no local logins are required.

Local Web Access:

Provides secure access to local web interfaces through the MW portal, facilitating easy management and monitoring.

Real-Time Data Availability:

- Local power prices are accessible via Modbus, allowing for efficient load management with local PLCs.
- Supports local weather forecasts through Modbus integration.

Versatile Communication Options:

- Functions as a 4G modem for reliable connectivity.
- Can be configured as an SMS modem for alerts and notifications.

Flexible and Modular Design:

- Supports Docker, enabling a flexible and modular architecture with selectable services.
- Compatible with various platforms including Codesys, Prosys Forge, Softing, Takebishi, and ICONICS.

Enhanced IT Security:

- Features encrypted communication via SSL (Websockets 4.4.3) between devices and the cloud.
- Integrated with Defender for Edge and Sentinel for comprehensive security monitoring.
- 24/7/365 monitoring services ensure continuous oversight

Product data

Specifications:

Case	High-quality all aluminum, surface hard anodized.
CPU	Intel Celeron J6412（quad core four threads, 2.0 GHz, Max to 2.6GHz with TPM2)
RAM	Installed 4Gb. Can be expanded up to 32 Gb.
Storage	256 Gb SSD. Can be expanded to 512 Gb or 1 Tb
BIOS	AMI UEFI BIOS
Chipset	Intel(R) UHD Graphics
Display port	1*HDMI, 2*DP (Support Synchronous/asynchronous triple display, resolution max. 4096x2160 @ 60Hz
Front I/O port	1*Power switch, 3*USB3.0,3 *USB2.0, 1*COM, 1*SIM card slot
Rear I/O port	1*DC 12V input, 2*DP, 1*HDMI, 2*2.5G Lans, 1*Audio
Network	2*Intel i225-V 2.5G LAN
Wireless/cellular Network	Installed - 4G module. 5G or Wi-Fi optional
Power Supply	DC 9-36V input.
Work conditions	Temperature: -10℃ to +60℃, surface air flow. Humidity 0-95% non-condensing
Dimensions	150 * 126.5 * 45 mm
Weight	0.840 Kg
Installation types	Desktop. Rail Mound. VESA kit and DIN rail kit included
Warranty	5 Years
Long term support and availability to re-order.	Guaranteed for 5 years from sales day. After 5 years slightly different model might be available to re-order (the same functionality and I/O ports, with newer CPU).
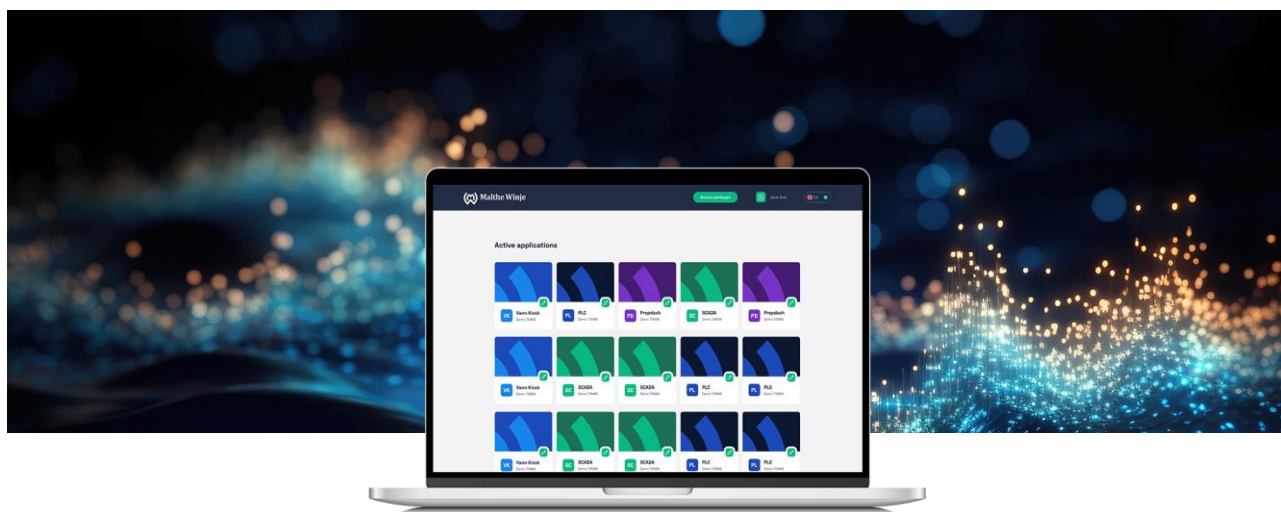
Information about Malthe Winje Automation

Malthe Winje was established in 1922 and has a long history. The company is 100% owned by the management and has its headquarters in Norway.

Malthe Winje is a technology company. We are at the forefront when it comes to knowledge of new technology, and we offer our customers more than technical solutions. We are a partner that delivers the best and most forward-looking solutions to our customers.

Malthe Winje has a central position within the infrastructure segment. This segment includes the water and sewage industry, building automation, energy production, railways and roads. We will consolidate this position in the years ahead and expect significant growth.

Malthe Winje consists of several companies in Norway, Sweden, Finland, Estonia, Latvia and China.
In addition, we have several exciting activities and projects in Africa. The group consists of approximately 150 skilled and experienced employees.

Water and Wastewater Technique

Transport and Communications

Building Automation

Energy

Hydropower

Cloud Solutions

Water Preparedness Solutions

Automation Products

SCADA

Installation material