

D9901-CSA >>> VPN Active Lan Monitoring Dual Firewall Ethernet Port CWS PLATFORM CYBER SECURITY AGENT

VPN Active Lan Monitoring Dual Firewall Ethernet Port D9901-CSA is a module with new technology called Active AGENT perfectly integrated into the CWS IoT platform, which paves the way for a new active Cyber Security protection technology within the industrial network.

To date, all protection efforts have focused on servers exposed to external attacks, when it is now increasingly common for such threats to come from within the network. These attacks can be either fraudulent or due to carelessness. Furthermore, the potential infection no longer only concerns servers, but today it can also damage industrial devices and then contaminate the rest of the network.

In this context we have studied an innovative active solution that goes far beyond simple antivirus software, which is now insufficient, based on hardware modules with embedded software to be distributed on the internal networks used by IoT CWS, which play an active and dynamic role in real-time control. time of the data circulating on the VPNs created specifically for communication with the CWS IoT platform.

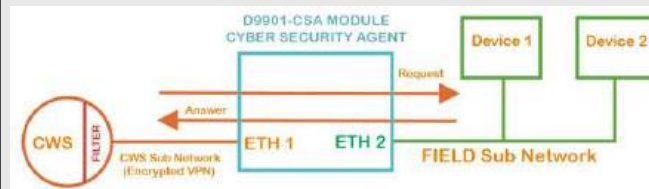
In this way the network is armored and any attempt at unauthorized access or intrusion (assuming it succeeds) is immediately verified and notified by the platform as a normal alarm, and triggers all the actions that the administrator can decide a priori. A further function introduced is the monitoring of data flows in real time, through which it is possible to insert alarms based on the volume of traffic detected, to prevent anomalous flows from concealing unauthorized download or upload attempts.

In a second phase of development, the SCOUTING option will also be available, which will allow the AGENT to also analyze the network situation and connections not specifically used by CWS, creating a guarantee of protection and security of the highest level, but above all making the system is dynamic and monitored in all its functions.

DIN RAIL



FUNCTIONAL EXAMPLE



TECHNICAL SPECIFICATION

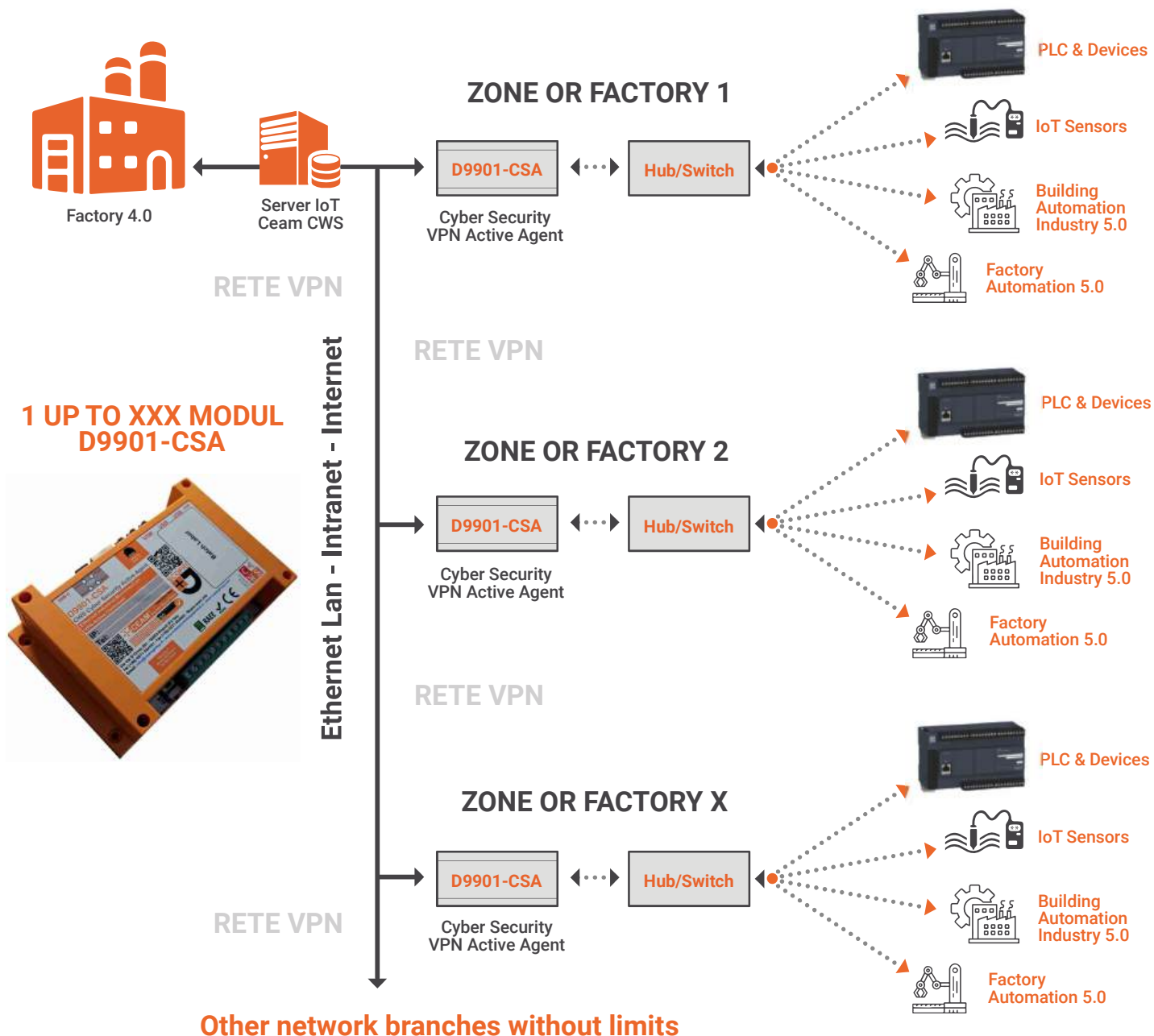
- ✓ **FUNCTION:** AGENT modul - for active land Cyber Security
- ✓ **TECNOLOGY:** microprocessor - SO LINUX Embedded
- ✓ **SOFTWARE:** lan monitoring (access/speed lan) for IoT CWS
- ✓ **LAN COMUNICATION:** Dual 10/100 ethernet port - VPN
- ✓ **POWER SUPPLY:** 24 Vdc
- ✓ **HOUSING:** Plastic IP20 - Din Rail & back panel installation
- ✓ **CONNECTION:** screw terminals
- ✓ **NOTE:** please refer to the manual for more details



CWS Full Compliance



BLOCK FUNCTIONAL EXAMPLE



Other network branches without limits

HOW TO ORDER

The D9901-CSA Module with all available documentation, accessories and related products can be used and downloaded online via the sensorstore.it website on the specific product page, also accessible directly with a Tablet or Smartphone via the QrCeam system by simply scanning the code here under:

HEADQUARTER

Via Val d'Orme, 291 50053 Empoli (Firenze) - ITALY

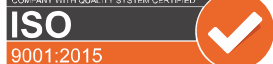
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