

Atlas2 Plus with Osiris

The Industry Gap



The problem in the industry today is the accessibility to data and the lack of interpretation of existing data. This leads from outdated industrial network schematics, all the way to not knowing what devices run in the factory. The consequences in this process are high costs to analyze, find the best path of repair and do the repair when a network experiences unplanned downtime.

The daily customer pains:

- Unplanned downtime
- Lack of insight network health
- Aging workforce
- Reactive maintenance vs preventive
- Mixed network architectures

| Target Domain | Makers | Users |
|------------------------|--|--|
| Targeted customer type | - Device Manufacturers - Machine Builders | - System Integrators - End-users |
| Market segment | Logistics, Material Handling | Manufacturing, Power and Energy, Logistics, Waste Water |
| Targeted key persona | Product Managers, Service Managers, Plant Managers | Automation Engineers, Service Engineers, Field Technicians |

Our Solution

The ideal solution to this problem is a single solution that provides an intuitive overview of the network condition. This allows the end-user to gain insight into his network 24/7 with live feed data, providing high level overview, all the way down to device information and its relation or impact to the network. Network traffic and communications can easily be monitored and reported. Unexpected changes are alerted before a network shutdown to avoid unplanned downtime and act upon, allowing full control and preventive maintenance.

Market Positioning

Revolutionize industry data access and interpretation with permanent monitoring tool Atlas2 Plus. Gain 24/7 network insights, prevent downtime, and achieve efficient, proactive maintenance for unparalleled industrial efficiency.

Product Description

Atlas2 Plus delivers unmatched insight into industrial network health and topology. Monitor PROFINET, EtherNet/IP and EtherCAT installations, enabling intelligent predictions to prevent issues and empower proactive solutions over reactive responses.

Preventive maintenance

Improves your productivity by analysing data in real-time and providing immediate network overviews, no matter where in the world you are.



Fit and forget

Once installed, the convenience of a “fit and forget” solution is requiring only initial setup with minimal ongoing maintenance.



Atlas2 Plus Hardware

General

| | |
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| Dimensions with connectors (L x W x H) | 117 x 52 x 130 cm |
| Weight | 510 grams |
| Processor | NXP IMX8 QuadMax 4 GB LPDDR4 Memory 16GB eMMC Storage Memory |
| DIN-rail | 35mm (minimum width 65mm) |
| Housing | Powder coated aluminium |
| Operating temperature | -20 to 60° Celsius |
| IP rating | IP 20 (IEC/EN 60529, DIN 40 050) |
| Connector (Factory and Office) | RJ45 |
| Industrial network connector(s) | 2xRJ45 10/100 Mbit |
| Other connectors | 2xUSB 3.0 <i>(used to connect to an EtherTAP1 or EtherTAP2)</i> |
| Certification | CE, UKCA, UL ord loc (E214107), KC, RMC |
| MTBF | > 1 500 000 h, Telcordia Method I Case 3 at 30° C |

Power

| | |
|----------------------------------|--|
| Pluggable power supply connector | Pin -: 0V Pin +: 12 to 24V DC Pin SH: Shield |
| Nominal power supply voltage | 12 to 24 V DC |
| Power use | Nominal: 10W Maximum: 24W |

Standards and Approvals

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| CE | EMC Directive 2014/30/EU, class B RoHs Directive 2011/65/EU Emission: CISPR32 Immunity: CISPR35 |
| FCC | 47 CFR 15 & ICES-003 (Issue 6), class B |