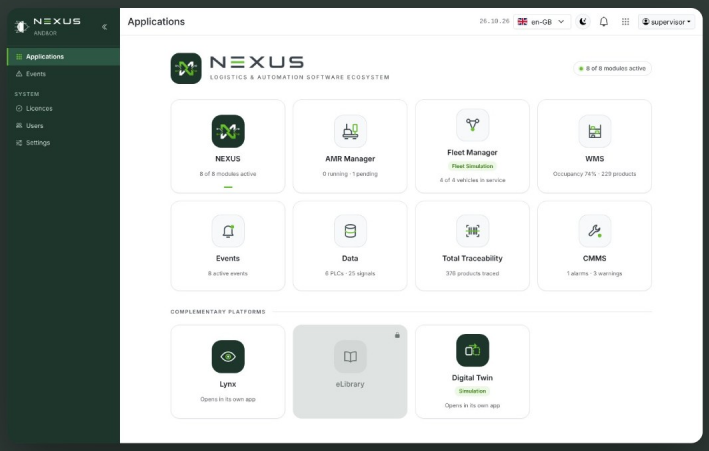
NEXUS

AND&OR LOGISTICS

ENGINEERED BY AND&OR TO RUN NATIVELY WITH AMRS

MOVE, CONTROL AND UNDERSTAND YOUR PLANT

A single platform connecting robots, warehouse, machines, people and data: from each AMR mission to the last traceability record. One login and a single source of truth for production, logistics, quality and maintenance.



ONE SOFTWARE. MULTIPLE POSSIBILITIES.

INTRALOGISTICS CORE

AMR Manager

Creates, prioritises and assigns missions, showing in real time where each AMR is and what it carries.

Fleet Manager

Orchestrates the fleet: tasks, crossings, priorities and batteries. Includes Fleet Simulation.

WMS

Controls every location, every SKU and every warehouse movement.

CONTROL, DATA AND TRACEABILITY

Events

Centralises alarms from robots, machines and systems and alerts the right people.

Data

Real-time PLC signals, history, dashboards and reports.

Total Traceability

Records every movement of every product and rebuilds its history with one search.

CMMS

Remaining life of each component, threshold alerts and work orders.

COMPLEMENTARY PLATFORMS

Lynx

Real-time OEE for every line and machine, with proactive loss detection.

eLibrary

Technical documentation and spare-parts management for your equipment, in one place.

Digital Twin

Simulates any AND&OR solution and validates changes without touching the plant.

BORN TO WORK WITH AMRS

Designed by AND&OR, an AMR manufacturer: native fleet connection from day one, with no custom development. And where there are no robots, as in the WMS, it works just as well in a conventional installation.



NEXUS

AND & OR LOGISTICS

MORE CONTROL, MORE CONNECTIVITY, MORE POSSIBILITIES

Modular and scalable

Start with the modules you need and activate the rest as your operation grows, with no migrations or system changes.

A single source of truth

All modules share data in real time: what a robot does is instantly reflected in the warehouse, events and traceability.

Open integration

Connects to your ERP, MES and existing systems, and to third-party fleets through the VDA 5050 standard.

Centralised control

Users, roles, authentication and licences are managed from the NEXUS core, for the whole platform.

CYBERSECURITY BY DESIGN

- **Zones and conduits network (IEC 62443)**: segmented plant with only the required ports open
- **Secure development following OWASP**, with controlled updates and patches
- **Protected access**: roles, token authentication (JWT) and HTTPS-encrypted communications
- **Remote support via VPN only**, with every access logged
- **Resilience**: backups and fast restore

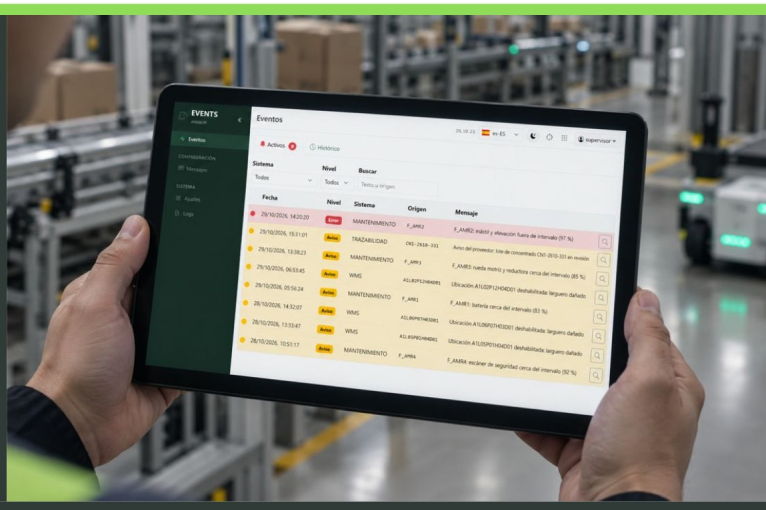
SIMPLE DEPLOYMENT

- **One physical or virtual server**, on site or in the cloud, supplied by AND&OR or by your IT team
- **Field equipment integrated** via OPC-UA, Modbus-TCP, ADS·TwinCAT and EtherNet/IP
- **Industrial 5 GHz Wi-Fi** for AMRs, tablets and terminals
- **100% web-based**: browser access, on site or remotely
- **AND&OR support** and Full Service packages for your fleet

DISCOVER WHAT NEXUS CAN BRING TO YOUR INTRALOGISTICS

Tell us about your facility's needs and we will help you identify the most suitable configuration.

Scan and request information



AND & OR GROUP

Avenida de Europa, 6 · Parque Empresarial El Limón · 41928 Palomares del Río · Seville · Spain

www.andyor.com · (+34) 95 477 92 00