

The digital backbone of a modern railway

Five building blocks that keep railway operations secure, resilient and ready for the future

Behind every train journey sits a digital backbone that keeps operations secure, resilient and running. These five building blocks form the foundation of that backbone.

1

Choose the right foundation for every workload

Run workloads where they fit best across cloud, on-premises and legacy environments, all managed as one resilient foundation.

KEY CAPABILITIES

- Hybrid-by-design infrastructure
- Continuous monitoring and optimisation
- Built for resilience and scalability

2

Help teams respond without delay

Keep operators, engineers and station staff moving with responsive support that gets them back to work fast when something goes wrong.

KEY CAPABILITIES

- A service desk built for operations
- Support designed for frontline teams
- Fast recovery during disruption

3

Protect operations, not just systems

Secure the boundary between enterprise IT and operational technology with end-to-end visibility, monitoring and resilience by design.

KEY CAPABILITIES

- End-to-end IT/OT visibility
- Continuous security monitoring
- Operational resilience by design

4

Keep control of data, access and delivery

True digital sovereignty goes beyond where data is stored. It is about knowing who controls your data, who can access it and under which legal jurisdiction your critical infrastructure operates.

KEY CAPABILITIES

- European jurisdiction
- Trusted access management
- Sovereign-by-design architecture

5

Turn data into faster decisions

Use AI to filter noise, connect events and surface the issues that need attention first, so experts can focus on decisions, not routine analysis.

KEY CAPABILITIES

- Intelligent alert prioritisation
- Event correlation
- Predictive insights

Five building blocks. One partner. One digital backbone.

Atos brings these capabilities together as one integrated environment under European jurisdiction, designing, operating and continuously improving the technology that keeps rail moving.

Discover how Atos supports the future of rail →