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EASE-Rise

Operate your satellites with ease.

A cloud-agnostic mission operations platform built on a flexible ground segment architecture.

- Monitor. Plan. Control.
- Scale efficiently from single satellite to large constellation missions.
- Plug in partner services and technologies when you need them.

 **TELESPAZIO**
a LEONARDO and THALES company

Your ground segment's backbone. Enabling an ecosystem that grows with your mission.

EASE-Rise is the core of Telespazio's ground-segment solution, providing mission control and planning capabilities for single satellite to constellations. Its modular architecture supports integration with existing systems and enables scalable operations as missions grow.

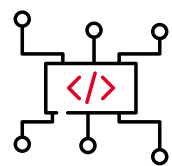
MONITOR. PLAN. CONTROL.

- Supervise missions from subsystem level to full constellation.
- Manage telemetry and telecommand chains across multiple protocols.
- Optimise scheduling across spacecraft, ground stations and mission assets through automated planning.



EASE-RISE BRINGS YOUR SYSTEMS TOGETHER.

EASE-Rise integrates mission control, planning, flight dynamics, and partner services into a unified operational framework. By connecting these systems, it provides a single source of truth for mission operations, maintaining a consistent view of data and events across your ground segment. Select and scale the components that fit your mission while keeping a coherent ground segment architecture.



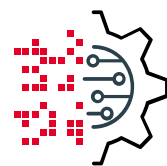
Open, API-First Architecture

Access every core capability through stable, well-defined APIs.



Orchestration Above Tools

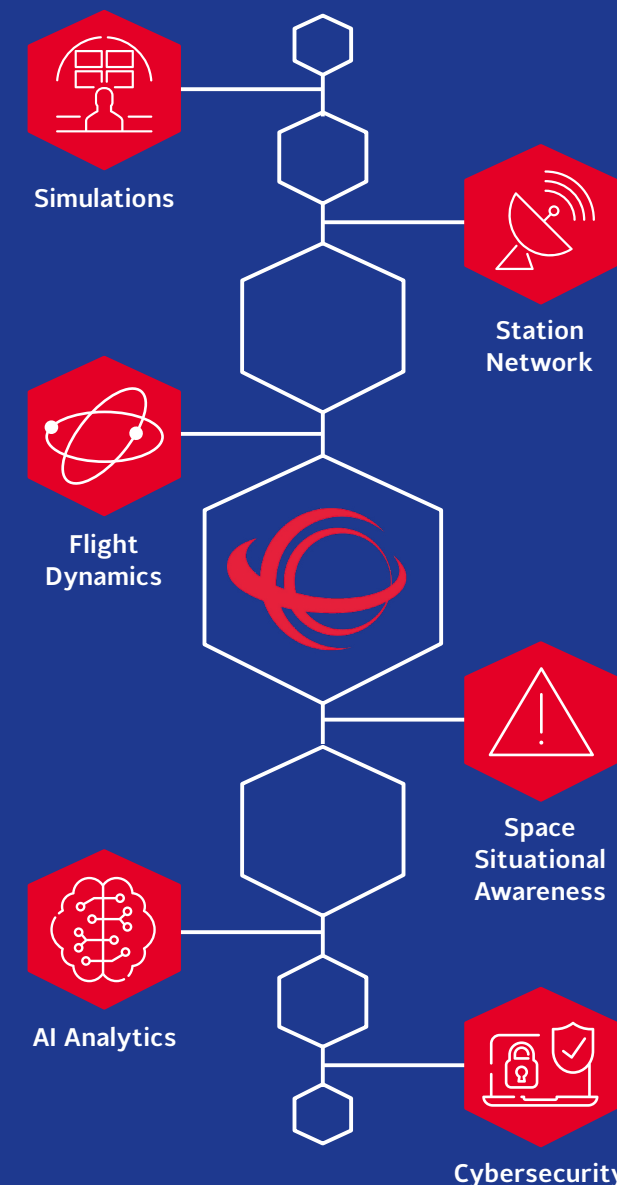
EASE-Rise orchestrates, not dictates. Automate workflows and integrate external tools without a monolithic lock-in.



Modular & Evolvable Integration Model

Add, replace, or upgrade individual components securely, without reworking the rest of your system.

Telespazio's EASE-Rise orchestrates workflows across mission control, flight dynamics, planning tools, Space Situational Awareness (SSA) services, analytics, and partner systems. It acts as the operational backbone that integrates best-in-class solutions into a coherent ground segment. Its Kubernetes-based architecture supports deployment in public or private clouds, on-premises and within air-gapped environments.



AN OPEN ARCHITECTURE THAT UNLOCKS MISSION BENEFITS.

Freedom to choose the best tool for each mission

- Select best-of-breed components, such as flight dynamics or analytics, mission by mission.
- Let partners innovate independently and deliver value directly into your mission.

Evolve your architecture without disrupting operations

- Swap components during live operations, without downtime or disruption.
- Open interfaces and modular integrations allow systems to be added, upgraded, or replaced.
- Your architecture evolves alongside your mission.

Faster adoption of new technologies

- Plug in new services and technologies when you need them.
- Adopt emerging technologies without re-architecting your ground segment.
- Integrate new capabilities from partners as they become available.