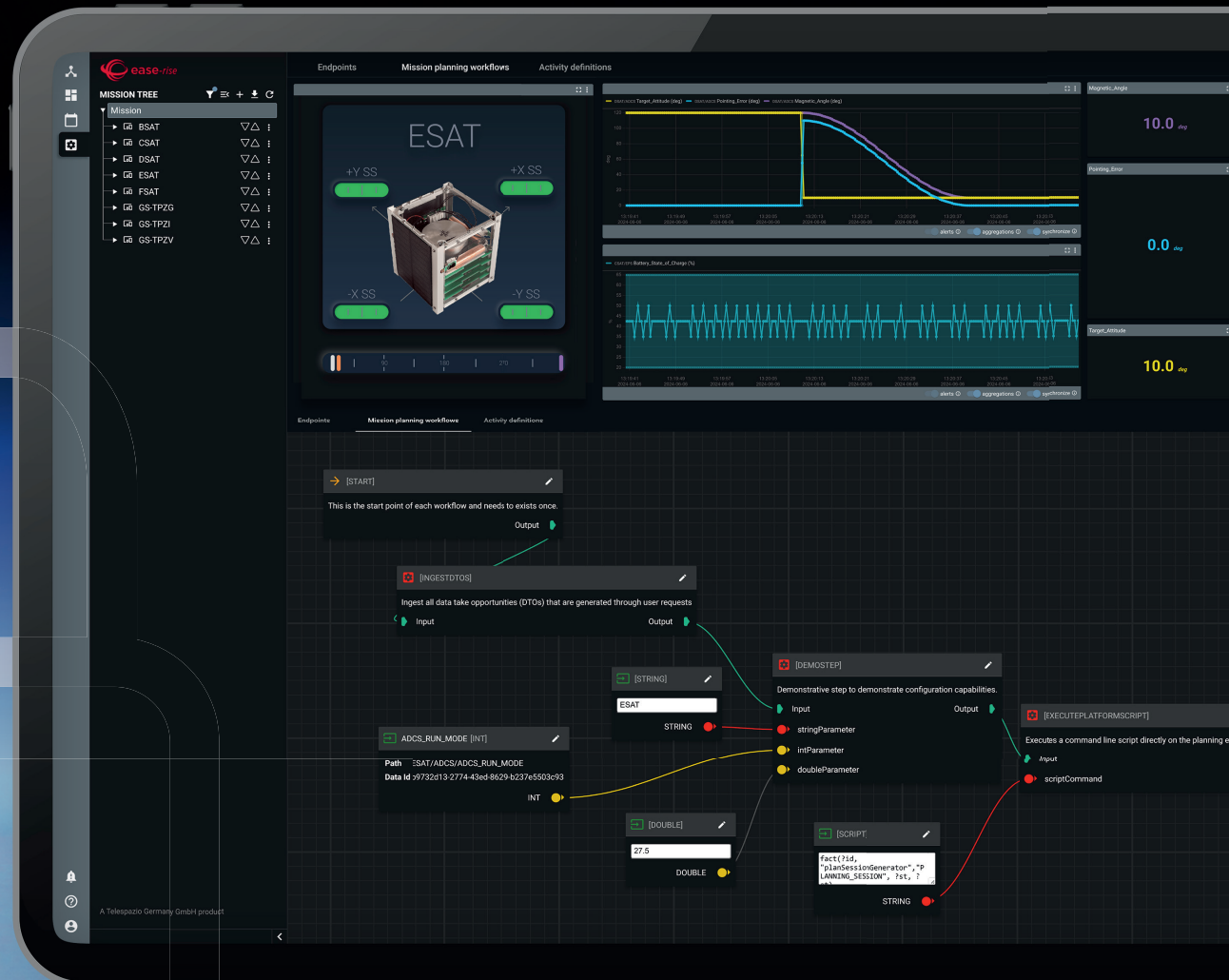


GROUND SEGMENT SOFTWARE AS A SERVICE



EASE-Rise

Our EASE-Rise product is at the core of our streamlined and cost-efficient ground segment solution, capable of addressing the complete range of mission requirements.



telespazio.de

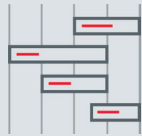
TELESPAZIO
a LEONARDO and THALES company

WE SIMPLIFY MISSION MANAGEMENT, REDUCING OPERATIONAL COMPLEXITY.

Our end-to-end solution simplifies operations management through abstraction and automation, scales as needed depending on mission needs, and increases responsiveness at a lower cost. Designed specifically for constellations, it is highly customisable at all levels. A single-user interface gives access to all the core capabilities:



Monitoring & Control
MCS



Mission Planning
MPS



Automation
AUT



Flight Dynamics
FDS

The platform aggregates data to facilitate investigations and uses powerful APIs to maximise interoperability with other solutions. Data from different assets can be combined through plots and dashboards for real-time visualisation.

EASE-Rise improves mission supervision with a multi-level approach—from individual subsystems to entire constellations. It manages different telemetry and telecommand chains from each spacecraft, supporting various protocols through its modular approach.

A single source-of-truth data model holds the unique mission information, reducing irregularities and enabling automated processing.

CLOUD NATIVE

Utilises microservices and serverless functions deployed via infrastructure as code.

SECURE & RELIABLE

Incorporates AWS's secure virtual infrastructure, with advanced surveillance and access control systems.

RESILIENT

Ensures mission data is stored in highly secure, redundant environments.

ELASTICITY

Deployed on shared, virtual, and elastic infrastructure, it can scale up and down on demand.

