L3Harri ’ InCon rol pro ide a co -effec i e, fle ible, ad anced command and con rol ol ion ha gi e a elli e o ner and opera or he po er o more effec i el e and con rol pace a e on gro nd and on orbi .

InControl supports the full range of command and control system requirements, including telemetry processing, data display and analysis, constellation monitoring and control, onboard system management and ground equipment monitoring and control.

The system’s user-centric design enables satellite owners and operators to easily adapt to changes in mission-unique requirements and provides a simplified, common interface that reduces training time and cost.

INDUSTRY-LEADING CONSTELLATION SUPPORT

InControl is a flexible system that easily scales from developing and testing demonstration satellites to supporting a full constellation on orbit with a small numbewt (l numpi0 Tc 0 -pct) with a REATER CONENIENCE

InControl facilitates control system automation by carefully coordinating all major system functions — specifically, command procedure execution, telemetry processing and analysis, payload management, ground system management, mission planning and flight dynamics.

- The task scheduler executes scheduled command procedures at designated times and simplifies the management of nominal and daily scheduled activities, such as contact schedules for low Earth orbit (LEO) missions.
- Command procedures can automatically detect and respond to anomalous conditions on board the spacecraft, making it possible to reduce, or even eliminate, potential downtime caused by known system anomalies.