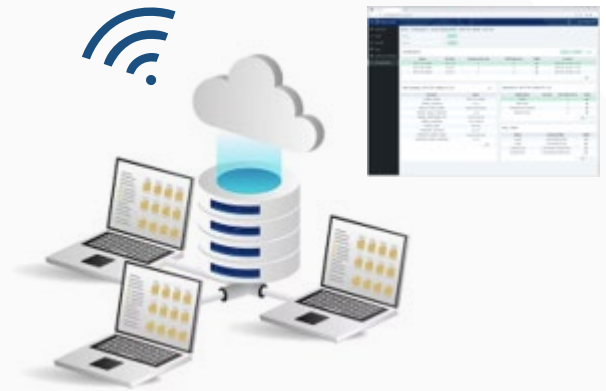
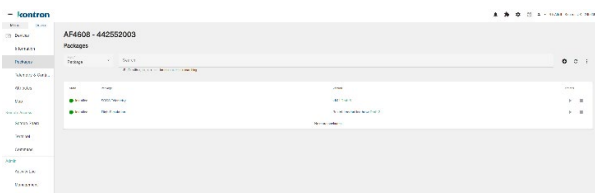
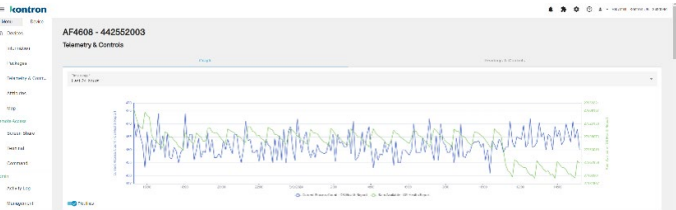
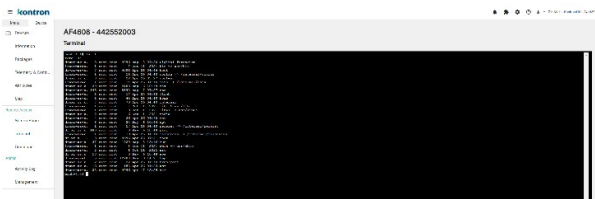
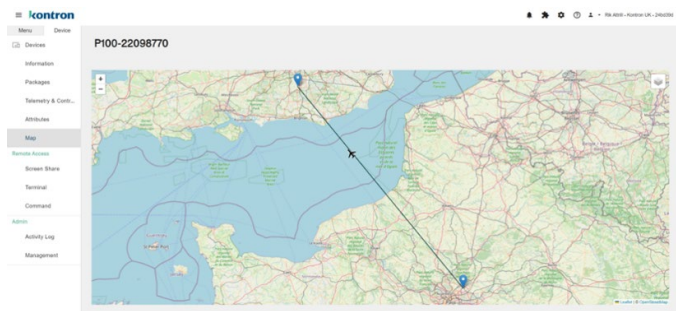
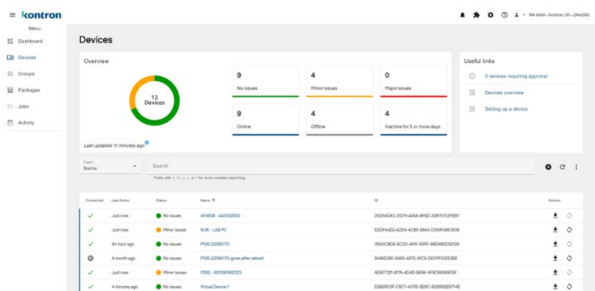


# ACE Fleet Connect



- Completely Integrated Solution that works with Kontron Platforms running on SGOS
- Enables remote management and updates of on-board configurations and content
- Scalable and easily customizable to meet deployment needs
- Supports connected and partially connected Kontron fleet systems running SGOS
- At-a-glance health information to keep track of a distributed fleet



## Example Use Cases

- ▶ **Remote Diagnostics and Over-the-air Updates:** Utilize remote diagnostics capabilities to identify and troubleshoot platform issues remotely, minimizing the need for manual inspections and onsite debugging
- ▶ **Content Refresh:** Over-the-air updates enable airlines to regularly refresh in-flight entertainment content, including movies, TV shows, music, and games, without requiring physical intervention or aircraft downtime. This ensures passengers have access to the latest entertainment options, enhancing the in-flight experience
- ▶ **Software Enhancements:** Airlines can use Over-the-air updates to deploy software enhancements and bug fixes to the in-flight entertainment and in-flight connectivity platforms, improving performance, stability, and user experience. Updates can address issues reported by passengers or discovered during routine maintenance checks
- ▶ **Security Patches:** Over-the-air updates facilitate the timely deployment of security patches to address vulnerabilities in the in-flight entertainment and in-flight connectivity systems. This helps mitigate the risk of cyberattacks and ensures passenger data and onboard systems remain secure throughout the flight
- ▶ **Service Upgrades:** Airlines can roll out service upgrades and new features to the in-flight entertainment and in-flight connectivity platforms via Over-the-air updates. This may include introducing premium content offerings, interactive features, or personalized recommendations to enhance passenger satisfaction and loyalty
- ▶ **Fleet-wide Deployment:** Over-the-air updates enable airlines to deploy software updates and content changes simultaneously across their entire fleet of aircrafts, regardless of their location or flight status. This ensures consistency in the passenger experience and facilitates centralized fleet management
- ▶ **In-Flight Shopping and Retail Partnerships:** Leveraging data on passenger preferences and purchasing behaviors, airlines can partner with retail brands to promote and sell products through the in-flight entertainment system or onboard Wi-Fi portals
- ▶ **Personalized Content Recommendations:** Analyzing passenger preferences and viewing habits collected from in-flight entertainment systems allows airlines to tailor content recommendations
- ▶ **Per aircraft configuration:** With the use of advanced configuration generation, ACE Fleet Connect allows operators to upload aircraft specific configuration and content

FEATURES	ACE FLEET BASIC	ACE FLEET ADVANCE
CONNECTION STATUS OF PLATFORM	✓	✓
PLATFORM REGISTRATION BY TAIL SIGN, CALL SIGN	✓	✓
INVENTORY OF ON-BOARD PLATFORMS - KONTRON PART NUMBERS - SERIAL NUMBERS - CUSTOMER PART NUMBER FIELDS	✓	✓
INDIVIDUAL PLATFORM SPECIFIC INFORMATION - KONTRON PART NUMBER - SERIAL NUMBER - CUSTOMER PART NUMBERS - BIOS VERSION - OS VERSION - APPLICATION VERSION - LICENSE STATUS - LAST UPDATE TIME AND DATE - TOTAL HOURS OF OPERATION	✓	✓
LOCATION REPORTING - DATA RETRIEVED FROM ARINC429 OR ADS-B - LATITUDE, LONGITUDE, HEADING, SPEED, ALTITUDE - MAP VISUALIZATION		✓
SYSTEM REPORTING - HARDWARE BIST - NETWORK UPTIME / DOWNTIME - DISCRETE I/O STATUS - APPLICATION STATUS - SYSTEM PERFORMANCE (CPU UTILIZATION, STORAGE UTILIZATION, RAM UTILIZATION..ETC)	✓	✓
SOFTWARE UPDATES AND SCHEDULING - CURRENT VERSION INFORMATION - UPDATE AVAILABLE INDICATION - UPLOAD AND SCHEDULE ROLL-OUT OF UPDATED SOFTWARE (SYSTEM APPLICATION AND SERVICES, DOCKER, VM, CONTENT, SECURITY AND BUG FIXES)		✓
LOG RETRIEVAL - RETRIEVE SYSTEM, APPLICATION, HEALTH LOGS (NOT LIMITED TO)	✓	✓
DATA ANALYTICS - PARAMETER SELECTION - GENERATION OF REPORTS - VISUALIZATION OF DATA IN CHARTS		✓
SECURE CLI ACCESS		✓
CLOUD BASED HOSTING	✓	✓
PARTIAL AND FULLY CONNECTED (CELLULAR, SATCOM)	✓	✓

# ACE Fleet Extended Service Offering

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- ▶ ACE Fleet configuration support (Quarterly / Yearly SLA)
- ▶ ACE Fleet Maintenance support (Yearly Contract)
- ▶ ACE Fleet Customization Support (NRE Based)

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