kontron
The Power of IoT

Use Case
Avionics

Next Generation Satcom Terminals

The hardware backbone for next-gen ESA based terminals



CHALLENGE

- Developing an ESA (Electronic Steered Antenna) based terminals to provide high speed, reliable broadband connectivity
- Meeting the aggressive time to market standards
- Finding a partner with rapid design capability and existing design building blocks to leverage for success

SOLUTION

- Kontron developed and manufactured an Antenna Control Modem Unit (ACMU), including the management of various 3rd party controls incorporated into the overall design
- Implemented Kontron proven avionics system design practices and FAA qualification process know-how to ensure on time, cost effective strategies

BENEFITS

- Kontron has a long history of successfully supplying airborne servers, wireless access points and communication units to the rapidly growing In-flight Entertainment & Connectivity market
- Partnering with a trusted technology provider whose solutions are installed on more than 6,000 commercial aircraft and business jets worldwide
- Results include an accelerated time-to-market, reduced total-cost-of-ownership, product longevity and the best possible overall application with leading-edge, highest reliability embedded technology

Kontron Canada Inc.
kontron.com

avionics@kontron.com