

# Next Generation Satcom Terminals

Kontron's extensive IFE&C experience leveraged into providing the management hardware backbone for next generation 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 to develop and manufacture an Antenna Control Modem Unit (ACMU), including the management of various 3rd party controls to be incorporated into the overall design
- ▶ Implementing 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 company that has 5,000 commercial aircraft and business jets operating worldwide with Kontron equipment on board
- ▶ Resulting in 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



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