



Deliver superior RF & Microwave signal integrity in multiple form factors with exceptional financial value

From designing core elements of radar systems to delivering RF Interfaces for commercial production applications, Hiller Measurements is proven as a premier provider of custom RF and microwave products. At the core of Hiller Measurements' value are decades of relevant experience combined with a family of control systems developed at Hiller that speed time to market and lower development costs. From these control systems, Hiller delivers solutions in the widest variety of form factors available in the market today.

"I really appreciate your patience with us and your professional team working through the scope changes we have imposed on you. It makes the job much easier to work with folks like you that are adaptable and work through challenges together. I look forward to continue working on this project with you." – Program Test Engineer, National Security Application

Hiller Control Systems



- COTS PXIe Back end
- 32 Open Collector Lines
- SPI, I2C, and DIO
- Standard LabView Driver and Control
- Optional Analog Interfaces



- Ethernet, USB 2.0, or RX422/485 Control
- 48 to 2000+ Open Collector Lines
- SPI, I2C, and DIO
- Soft Front Panel and SCPI Control
- Optional Analog Interfaces



Hiller Subsystem Selection Guide

Traditional RFIU Development

- DC to 40GHz Switching and Signal Conditioning
- Path Level Programming in SCPI
- Ethernet, USB 2.0, or RS-422/485 Control
- Superior RF Performance (Low VSWR, High isolation)



Power Switch Design

- Multiple KW capability
- Ethernet, USB 2.0, or RS-422/485 Control
- Path Level Programming in SCPI



RF Module Development

- Custom LO, Up/Down Converter, Amplifier Design to 18 GHz
- Embedded Avionic Design
- Full Environmental Qualification



MiPXle Development System

- Custom Requirements in COTS PXle
- Instrument Design Capability



Board Level RFIU

- DC to 10 GHz
- Design modeled in AWR
- Typically Lower cost, smaller footprint over Traditional RFIU
- Excellent Isolation and VSWR performance

