



# SUCCESS STORY

## Because SIGINT Threats Cannot be Ignored

*How Spectrum Control's RF Subsystems and Test Equipment Solutions are being deployed for SIGINT Applications*

Signal intelligence (SIGINT) is intelligence-gathering by the interception of signals, whether communications between people (communications intelligence—abbreviated to COMINT) or from electronic signals not directly used in communication (electronic intelligence—abbreviated to ELINT). SIGINT has the capability to provide actionable intelligence in real-time by capturing data such as texts, emails, phone calls and other information.

Signal Intelligence (SIGINT) solutions now reach into multiple application arenas, such as maritime domain awareness, jamming, eavesdropping, and cyber-surveillance. And in addition to government and defense, multiple industries are also now adopting SIGINT systems for enhanced security and protection.

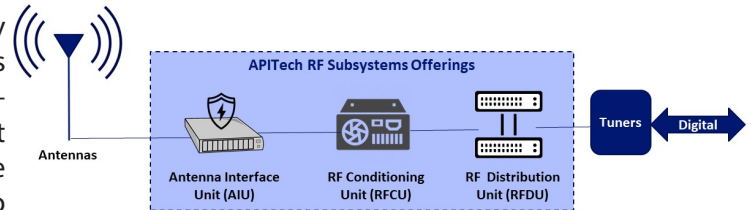
### Complete SIGINT Solution Set

SIGINT is now a crucial fixture of command & control systems, public safety & security initiatives, and situational awareness. But the inability to address multiple diverse threats has long been a concern for some SIGINT efforts.

At Spectrum Control, we are uniquely positioned to support SIGINT applications and deployments by leveraging our wide product portfolio. This includes high performance switches, combiners, amplifiers, directional couplers, and other standard microwave components.



*Complex RF subsystem*



*Spectrum Control subsystem offering. Spectrum Control has decades of experience working with government, defense contractors and industry on SIGINT related programs.*

### Spectrum Management & Optimization

Spectrum Control has decades of spectrum management, spectrum optimization and RF system design, testing, and component manufacturing experience. Plus, decades of working with government, major defense contractors and industry, including on SIGINT related projects.

Spectrum Control offers a wide variety of RF Subsystem & RF Test Equipment solution offerings, plus in-house component and subsystem design capability. We are uniquely able to provide everything between your antenna and the signal processing. This includes the following products:

- RF Distribution Units (RFDU)
- RF Conditioning Units (RFCU)
- Antenna Interface Units (AIUs)
- Switch Matrices (Standard & Custom)
- Attenuation Profile Simulators
- Multi-channel programmable phase shifter and attenuation units

These products are all designed, built and tested in our Frederick, Maryland, USA facility.