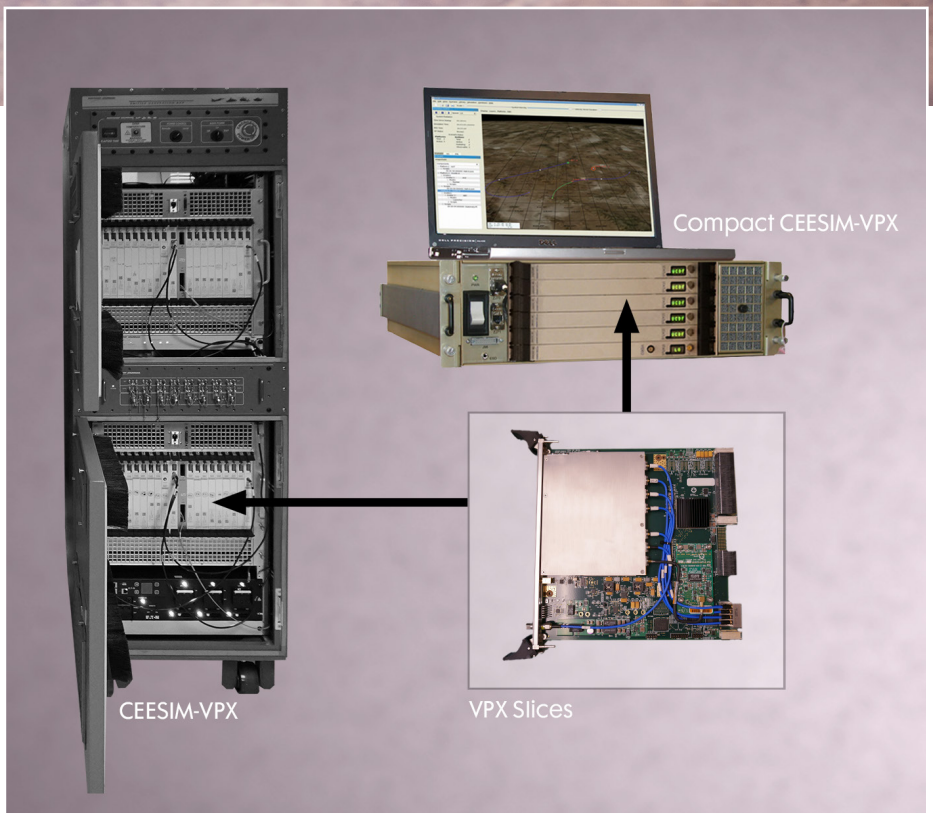
COMPACT CEESIM-VPX

Full CEESIM capability in the space of a Synthesizer.

Features

- Complete Suite of CEESIM Modeling Tools
- Full CEESIM Emitter Fidelity
- Natively Utilizes CEESIM Scenarios and Emitter Models
- Common CEESIM VPX RF Slices
- Industry Leading RF Performance
- Scalable and Configurable Solution
- 3U High 19" Rackmount or Table Top
- Delivery Available in 6 Months or Less



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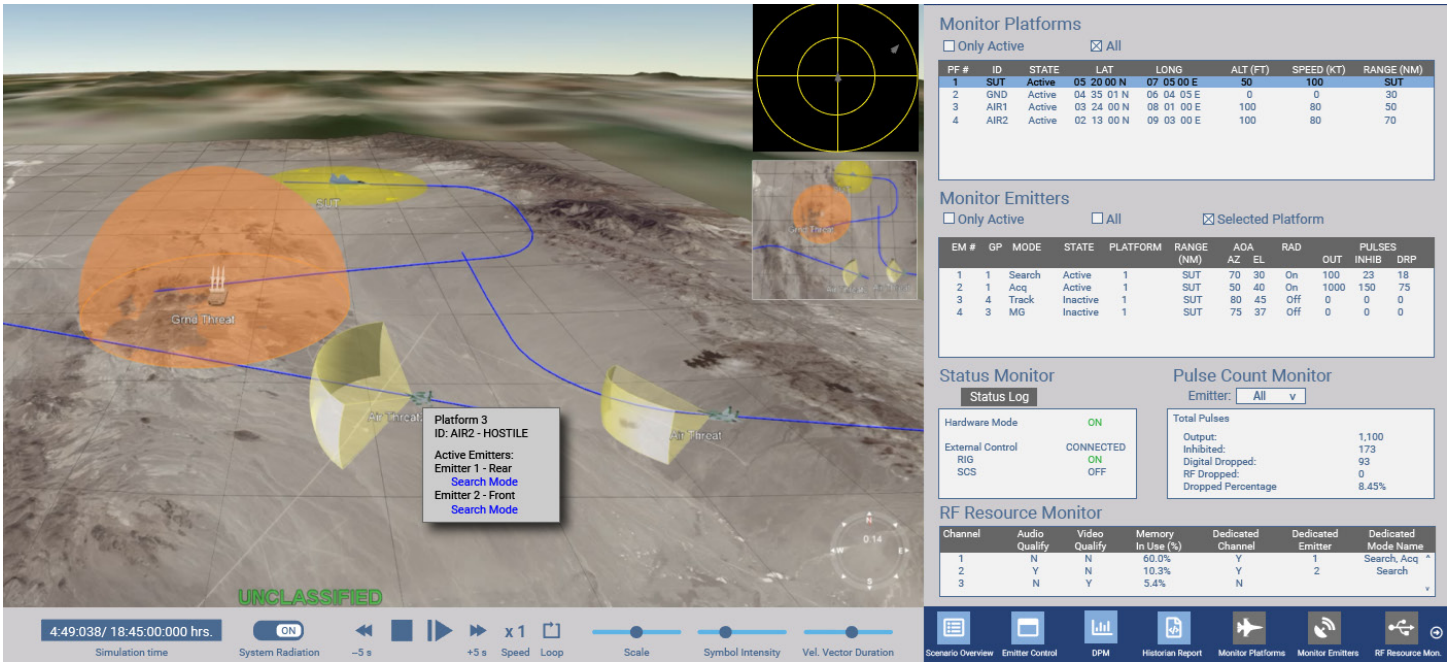

Scenario and Threat Visualization Tool

Parameter	Compact CEESIM-VPX
Frequency Control	Direct Digital Synthesis
Tuning Time	0.5 usec
Frequency Resolution 20 MHz to 40 GHz	1 Hz
Frequency Accuracy	±2 Hz
Phase Noise @ SUT ports for 20 MHz-18 GHz 1 kHz offset 10 kHz offset 100 kHz offset 1 MHz offset 10 MHz Offset	 -95 dBc/Hz -110 dBc/Hz -120 dBc/Hz -130 dBc/Hz -137 dBc/Hz
Phase Noise @ SUT ports for 18-40 GHz 1 kHz offset 10 kHz offset 100 kHz offset 1 MHz offset 10 MHz offset	 ≤-92 dBc/Hz ≤-107 dBc/Hz ≤-117 dBc/Hz ≤-125 dBc/Hz ≤-135 dBc/Hz
Broadband Noise @ CEESIM Output ports 20 MHz-40GHz	-85 dBc/MHz (typ)
Spurious @ CEESIM Output ports 20MHz-40 GHz	-70 dBc (typ)
FMOP Deviation	500 MHz
FMOP Accuracy	±1%
FMOP Unlock Offset	0 Hz

Parameter	Compact CEESIM-VPX
PMOP Resolution	1 degree
PMOP Accuracy	±2 degrees
Maximum MOP Sample Rate	1280 MSPS
MOP Pattern Playback Capacity Memory Stream I/Q from External Data Source	2 GB Yes
Preserve MOP pattern with TDOA	Yes
Phase Coherency	All emitters
Required Emitter Calibrations	None

Compact CEESIM-VPX Configurations	
Single Channel	0.5 GHz - 18 GHz Single Omni Output Port
Dual Channel	0.5 GHz - 18 GHz Single Omni Output Port
Single Channel	20 MHz - 40 GHz Single Omni Output Port
Single Channel	0.5 GHz - 18 GHz with 4 Ports of Phase, Amplitude & TDOA Outputs

For more information, please contact:
Northrop Grumman
e-mail: amherstsolutions@ngc.com

northropgrumman.com

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