Keysight Technologies to provide 5-day On-Site training at NASA Glenn Research Center on the eXata software. The software is being used for aeronautics communications, and cybersecurity research in support of Aeronautics Research programs and projects. Details of training content shown below:

Training Agenda
Introduction to QualNet/EXata Simulation

- ## Day 1: Introduction to SNT GUI

Lecture	Lab/Activity
Introduction	Installation
Tools	WiFi to Start
Simulation concepts	Simple wired
Overview	Simple wireless
Building Scenarios	Large Wired
Summary	Large Wireless

- ## Day 2: Wired Networks

Lecture	Lab/Activity
Wired Components	Gound Microwave Satellite
Mechanics	IGMP/Multicast
Network Layer Protocols	IPv4 vs. v6
Routing	Routing

- ## Day 2: Wireless Networks

Lecture	Lab / Activity
Elements	Channels
Events	Terrain

SCALABLE
NETWORK TECHNOLOGIES

Operations	Antennas
Subnets	SATCOM
Terrain	First Responder
Pathloss	
Antennas	
Satellite	
Summary/Conclusion	

Training Agenda
Introduction to QualNet/EXata Simulation

- Day 3: STAT DB & Emulation Construct with EXata

Lecture	Lab / Activity
	SQL browser
Configuration	Urban Terrain
Tables Overview	Basic Connectivity
Queries	Build Notional Architecture
EXata Emulation Basics	Scenario
Typical Hardware Setup	
EXata Emulation Features	
EXata Connection Manager	
Running Applications on an EXata network	

- Day 4: Programmer training

    Command Line

System Architecture
Troubleshooting
Writing and Extending Protocols

- # Day 5: User Defined training

    User Scenario's
    User configurations
    User defined issues
    Q&A period