



## OVERVIEW

### Audience:

This course is designed for RF, core network, and traffic engineers using TrueCall® for RAN performance, analysis, design, and capacity planning.

### Format:

This instructor-Led Training (ILT) is delivered on the customer's network.

### Prerequisites:

- All participants attending this course should have working knowledge of the Radio Access Network (RAN).
- NETSCOUT® offers additional courses relevant to telecommunications protocols and interfaces.
- Laptop with TrueCall environment access and individual TrueCall user account.

### Duration:

(4) 1/2 days

# nGenius TrueCall Basics for New Users

## Course Information

This course teaches the fundamentals of using the TrueCall system to analyze call data based on geographical area, network element, device, and subscriber. Participants learn to identify coverage problems, traffic hotspots, identify problematic device types, and trace calls for a specific subscriber. Participants will also learn how to extract KPIs for selected cells, device types, or specific groups of subscribers. This lecture-based course includes hands-on exercises and high-value use cases to reinforce key objectives.

## Course Objectives

After completing this course, participants will be able to:

- Describe the major components of the TrueCall architecture.
- Install and configure the TrueCall client and introduce the nGenius TrueCall web client.
- Extract KPIs for a group of calls using filters based on time, selected geographic area, network elements, device types, and subscriber ID.
- Display KPIs on time graphs (strip chart) and histogram distribution.
- View heating maps pertaining to coverage, geographic traffic load distribution, drop call locations, and handover failure locations.
- Analyze network traffic, coverage and KPIs, including the before and after effects of network changes.
- Inspect and analyze Layer 3 messages for subscribers connections.
- Evaluate the network's performance regarding coverage, accessibility, traffic hotspots, PCI coverage, dropped calls, handover, and overshoot.



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