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Overview

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Advantages

2 core products, “NC1900-ST” and “MS3451 Active Test Server (ATS)”, allow to build the following solutions:

- **Testing Solution for System Installation**
  Performs a sanity check upon installation of an NE and/or network using NC1900-ST solely or with ATS. Using ATS allows to perform automated (unmanned) testing remotely based on the predefined schedule.

- **Testing Solution for Subscriber Line Activation**
  Performs connectivity checks and QoS verification for SIP(C-Plane) and RTP(U-Plane) upon activation of the subscriber lines using NC1900-ST and ATS.

- **Testing Solution for Operation & Maintenance**
  Performs scheduled tests for various VoIP services to ensure connectivity and QoS of the network using ATS and NC1900-ST.

- **Testing Solution for Problem Isolation**
  Detects and isolates the root cause of network problems using ATS/NC1900-ST. ATS/NC1900-ST perform active testing.

- **Testing Solution for Services**
  Provide several testing functionalities for checking service qualities, SLA, SPAM detection, and service analysis.

Application Examples

- **Test Clients (NC1900-ST)**, deployed on the managed network, performs connectivity testing between SIP servers to verify network configuration.

- **Portable-type Test Clients (NC1900-ST)** connecting to Automatic Response-type Test Clients (NC1900-ST) performs connectivity checks and quality verification of SIP packets (C-Plane) and RTP packets (U-Plane) upon activation of the subscriber lines.

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