

# Installation, Maintenance, and Optimization Solutions

## Antenna Systems, Backhaul, Base Stations, Air Interface

Poor network reliability, perceived or real, is a primary reason subscribers leave a network — something the industry calls “churn”. Key performance indicators (KPI), such as blocked or dropped calls and data sessions or low data throughput, are monitored and identified by network operators as the main reasons customers churn.

Additionally, operators are having to overcome the multiple challenges of co-siting new technology with legacy 2G and 3G infrastructure. Operators must manage new base station types and transmission techniques, increasing interference levels, and sometimes periodic mandatory regulatory testing, all while keeping installation, maintenance, and optimization costs under control.



### The right tools to achieve best-in-class network reliability



**Network Master™ Flex**  
MT1100A Core/Metro  
Transport Analyzer



**Network Master™ Pro**  
MT1000A Backhaul  
Transport Analyzer



**Network Master™**  
MT9090A Gigabit  
Ethernet Analyzer  
Module



**Network Master™**  
MT9090A Optical  
Channel Analyzer  
Module



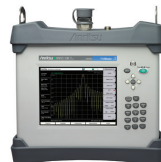
**Network Master™**  
MT9090A Optical  
Time Domain  
Reflectometer (μOTDR)  
Module



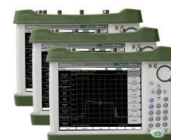
**ACCESS Master™**  
MT9083x2 Series  
Optical Time Domain  
Reflectometer (OTDR)



**Video Inspection Probe**  
G0306A  
Connector Inspection  
Microscope



**PIM Master™**  
MW82119B  
PIM Analyzer



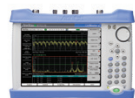
**Spectrum Master™**  
MS2711E/12E/13E  
Spectrum Analyzer



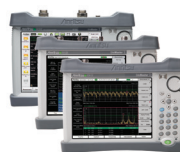
**Spectrum Master™**  
MS2720T  
Spectrum Analyzer



**BTS Master™** MT8220T  
Base Station Signal  
Analyzer



**Cell Master™** MT8213E  
Base Station Signal  
Analyzer



**Site Master™**  
S33xE/S36xE/S820E  
Handheld Cable and  
Antenna Analyzer



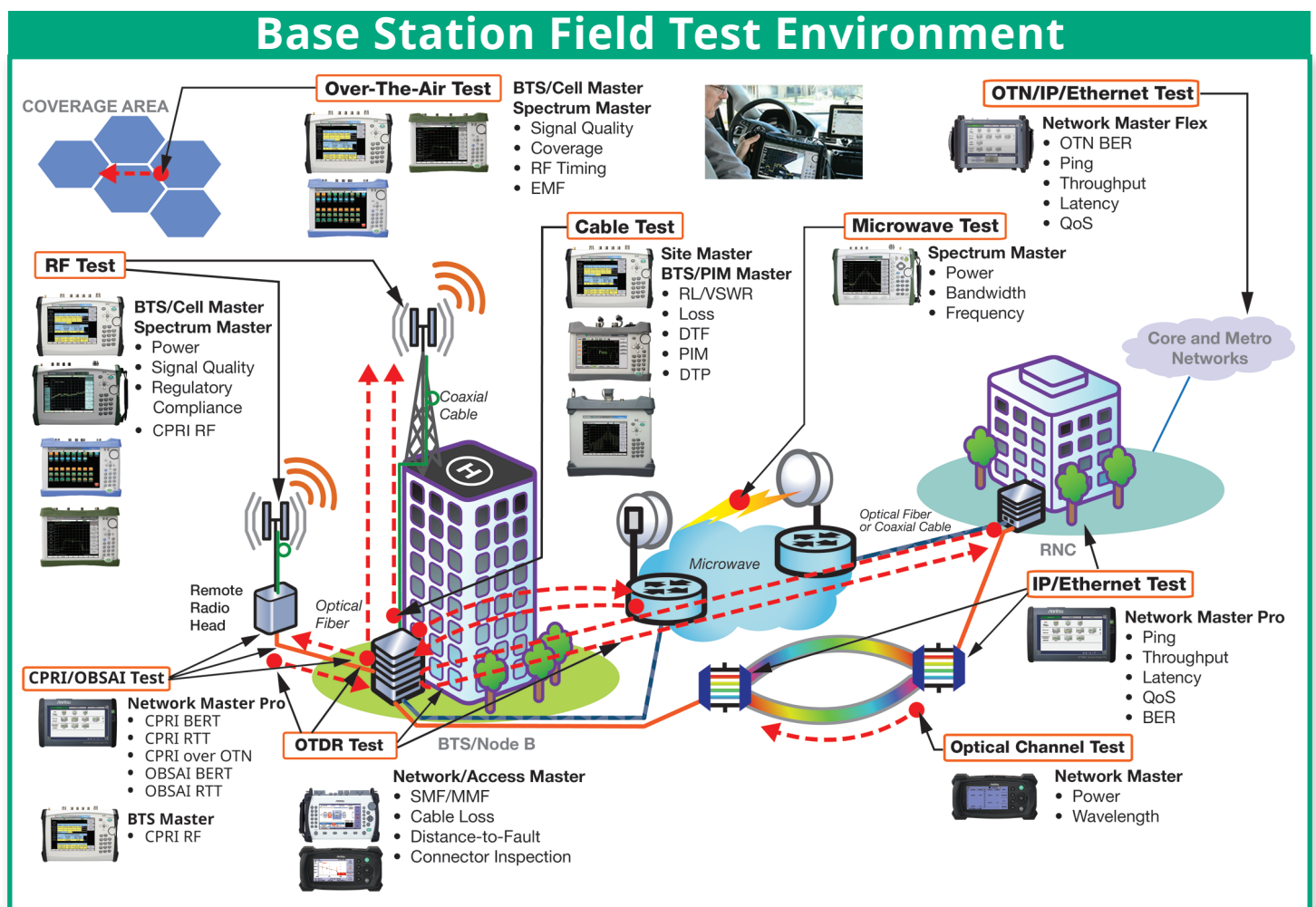
**Site Master™** S331L  
Handheld Cable  
and Antenna  
Analyzer



**Mobile  
InterferenceHunter™**  
MX280007A

# Anritsu installation, maintenance, and optimization solutions help network operators address these common problems:

- Dropped calls
  - Blocked calls
  - Low throughput
  - Regulatory compliance
  - Complaints from other operators



*For Antenna Systems, Backhaul, Base Stations, and Air Interface — Anritsu has you covered.*

[www.anritsu.com](http://www.anritsu.com)

**Anritsu** envision:ensure