

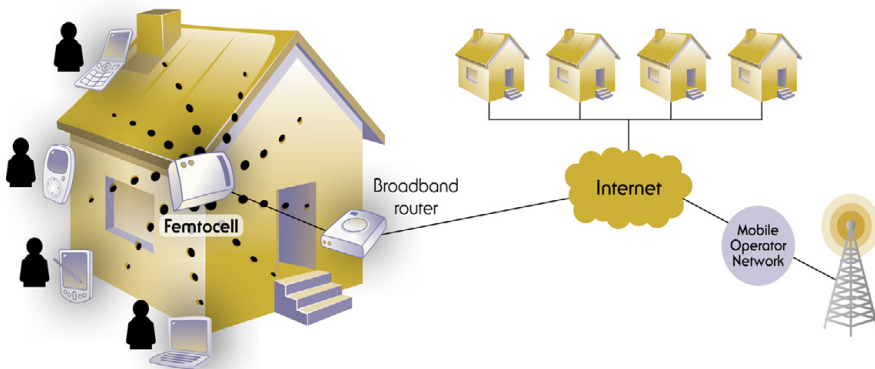


TTsuite-Femtocell

The Test Suite for Analyzing Femto Access Points (FAP)

Features

- 21 full-featured tests for Femto Access Points including
 - Broadcast System Information
 - RRC & NAS Connection
 - RAB Management
 - User Plane
 - Local Management
- Exhaustive set of context parameters for a flexible adaptation of the Femtocell tests to FAP implementations under test
- Fully automated test execution
- Platform-independent test execution
- Test tracing on different levels of detail
- Test definition and documentation in the standardized test notation TTCN-3



© 2010 by Femto Forum at www.femtoforum.org

Benefits

- Standards-based testing according to Femtocell specifications
- Fast and simple test execution and analysis
- Repeatability of tests and full support of test automation
- Platform independence and rapid integration in existing test environments
- Flexibility through usage of the constantly evolving standardized test notation TTCN-3

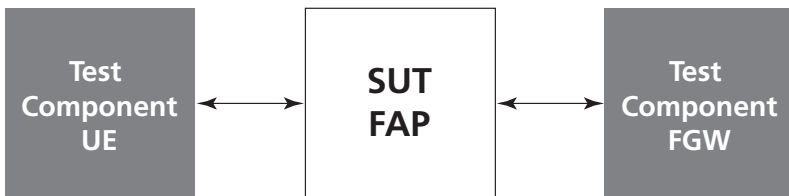


TTsuite-Femtocell

The Test Suite for Analyzing Femto Access Points (FAP)

Applications

- Femtocell Access Points



Standards

- 3GPP TS 25.331 V7.11.0 (2008-12)
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 7)
- 3GPP TS 25.413 V7.9.0 (2008-06)
3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN Iu interface RANAP signalling (Release 7)
- DSL Forum TR-069 Amendment 1, CPE WAN Management Protocol; 2006-11
- ISO/IEC 9646-1: Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts
- ISO/IEC 9646-2: Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract Test Suite specification
- ETSI ES 201 873-1 TTCN-3 Core Language V4.1.1 (2009-06)

Reference Platforms

- Java 6
- Microsoft Windows XP, Vista, 7 (x86-32)
- Red Hat Enterprise Linux (GTK, x86-32, x86-64)
- Fedora (GTK, x86-32, x86-64)
- SUSE Linux (GTK, x86-32, x86-64)
- Tektronix G35