

AuroraPresto



TrendCommunications

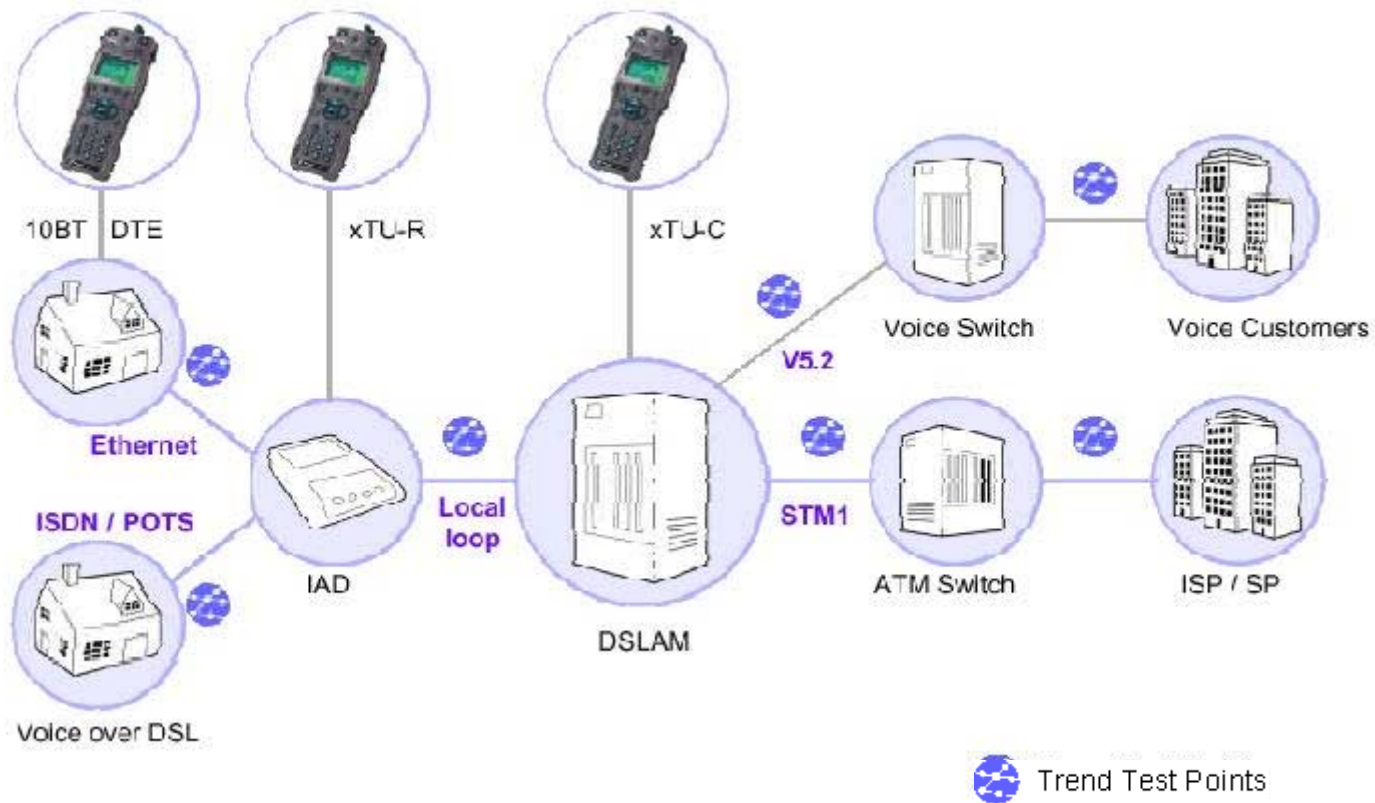
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xDSL

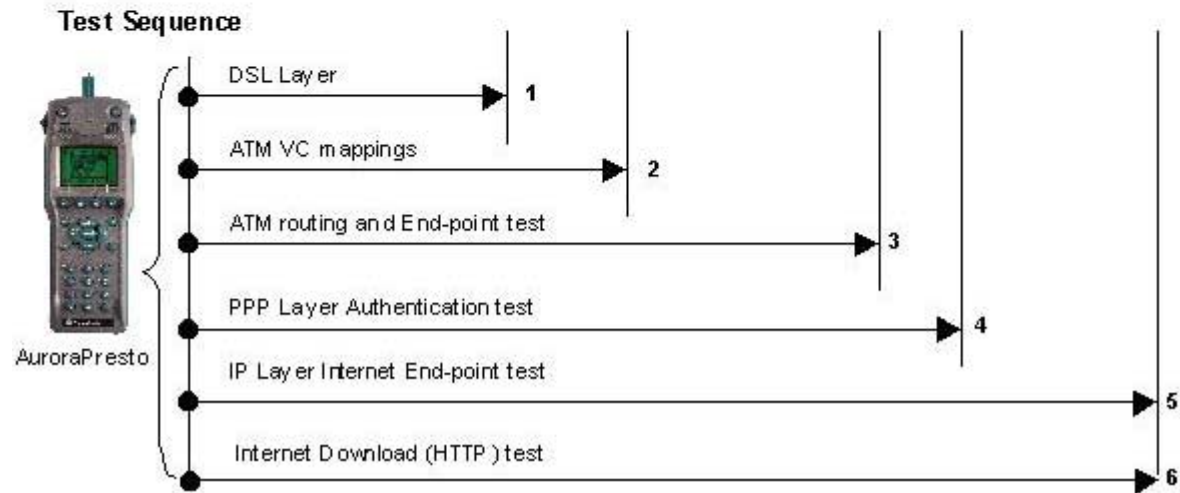
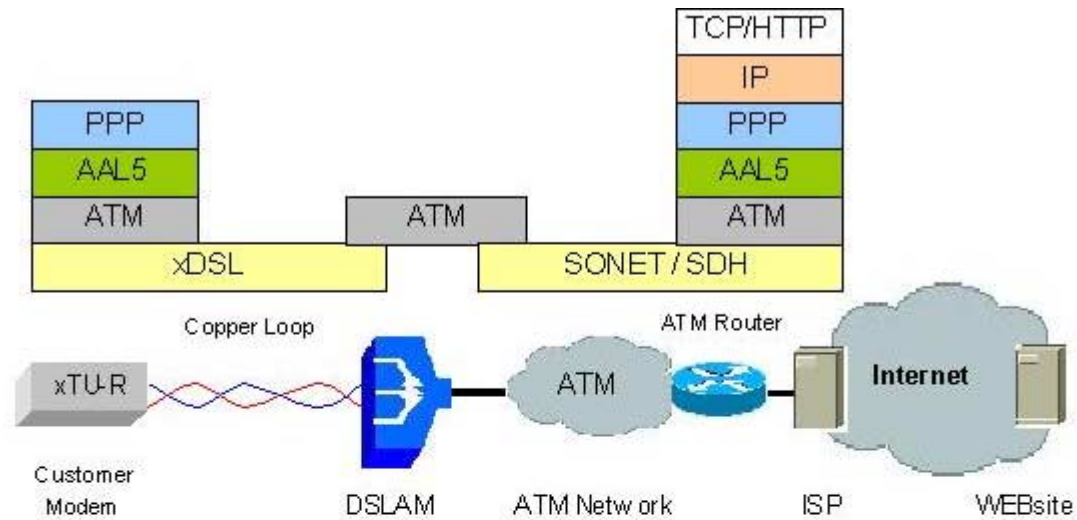
A revolution in xDSL testing



AuroraPresto DSL Service



AuroraPresto Network Map





AuroraPresto *Physical Layer*

- Full noise analysis of copper pair
- TDR function for fault finding on dry pairs
- DMM function including ACV, DCV, DC Current, Capacitance and Resistance Measurements
- Load coil counter



AuroraPresto *ADSL Testing*

- ADSL and SHDSL support in a single unit
- ADSL over POTS and ADSL over ISDN Support
- xTU-C (Central Office Modem) or xTU-R (Remote Modem) termination
- Upstream/Downstream rates and statistics
- Graphical display of DMT BIN capacity
- Golden Modem and Golden Router through mode testing



AuroraPresto *SHDSL Testing*

- Full G.SHDSL G.991.2 SHDSL support
- STU-C and STU-R operation - single interface card
- G.SHDSL tracer with EOC messaging and G.994.1 trace
- Loopback invocation and response
- Sealing current termination
- Higher layer ATM, IP, PPP and HTTP testing with SHDSL interface
- ATM and E1 / T1 emulation modes



AuroraPresto *ATM Layer Testing*

- AAL-5 statistics and analysis
- ATM BERT testing
- VC Statistics
- VCI/VPI Errors
- ATM cell stream through-put tests
- F5 OAM loopback statistics
- F5 OAM 'PING' functions



AuroraPresto *IP Layer Testing (I)*

- IP PING testing with payload supported
- Multiple PING test selection
- MAC learning implementation learn routing
- Bridged or Routed PING support
- PING via
 - ADSL interface over specific VCI/VPI
 - 10 base T interface



AuroraPresto *IP Layer Testing (II)*

- Full Router Replacement Mode
- DHCP Dynamic Address Allocation
- NAT/PAT Address Translation
- Trace Route
- LAN/WAN Connection Statistics



AuroraPresto *PPP Layer Testing*

- PPPoE and PPPoA
- Client and Server modes
- DTE testing via 10BT (PPPoE), ATM-25 (PPPoA)
- xTU-R / xTU-C testing over DSL (PPPoE and PPPoA)
- Dynamic address allocation using IPCP
- Authentication using PAP or CHAP



- Internet download facility
- HTTP client
- Download from any URL (http://www.....)
- Download statistics for single web pages
- Comparative statistics for multiple web pages

