



# AuroraPresto



**Includes ADSL2, 2+  
and READSL**



## **TrendCommunications**

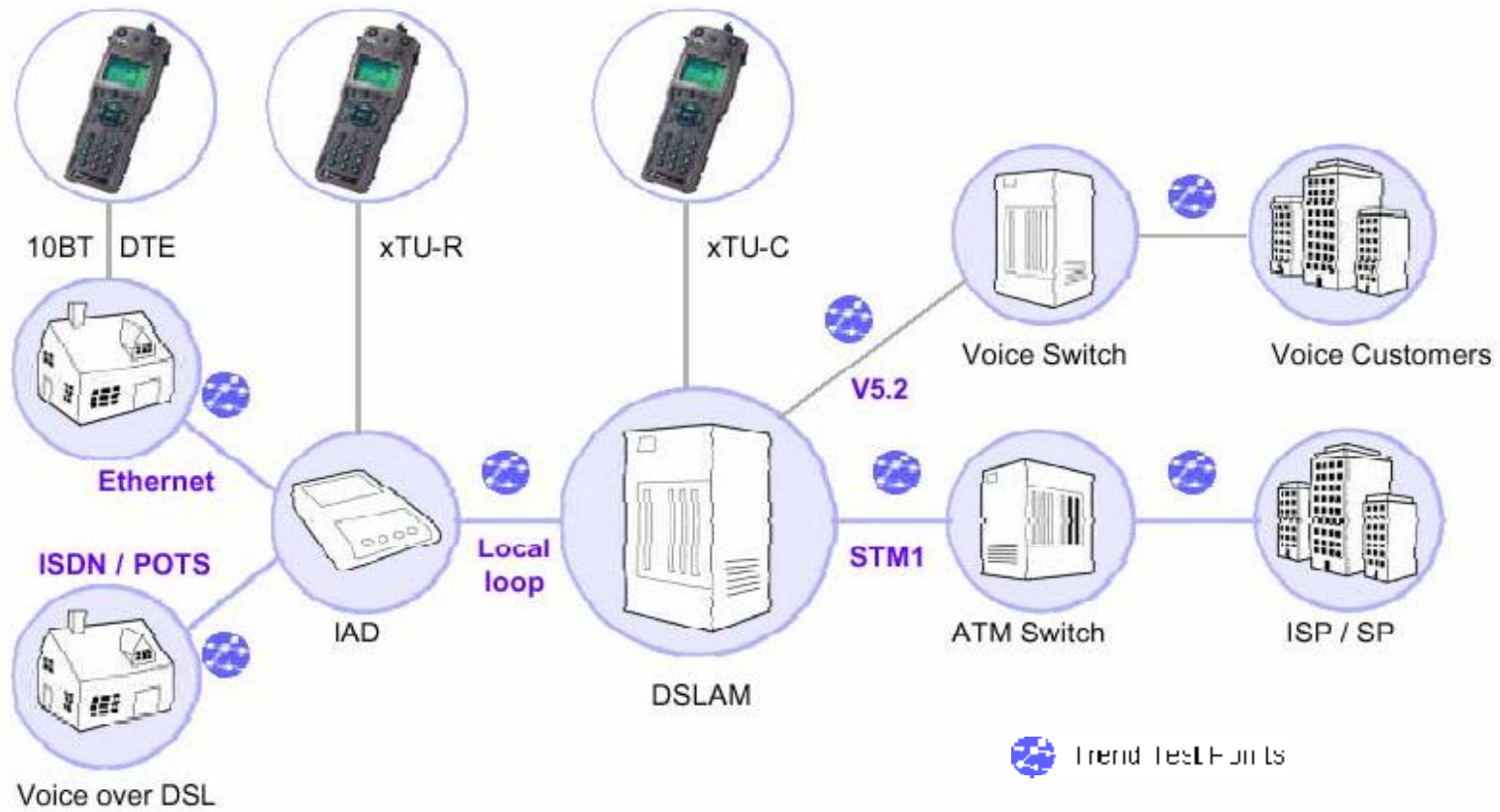
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**xDSL**  
*A revolution in xDSL testing*

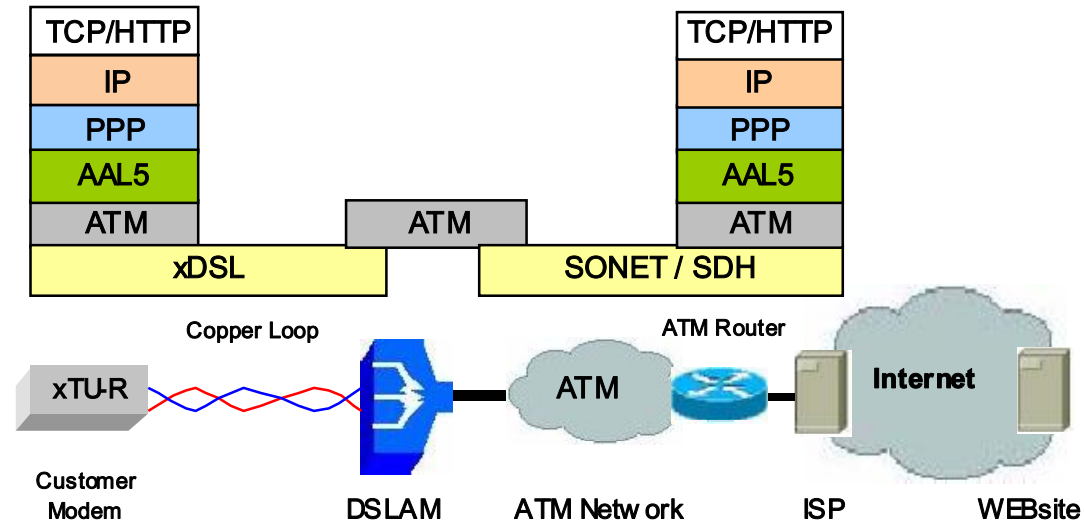


**TrendCommunications**

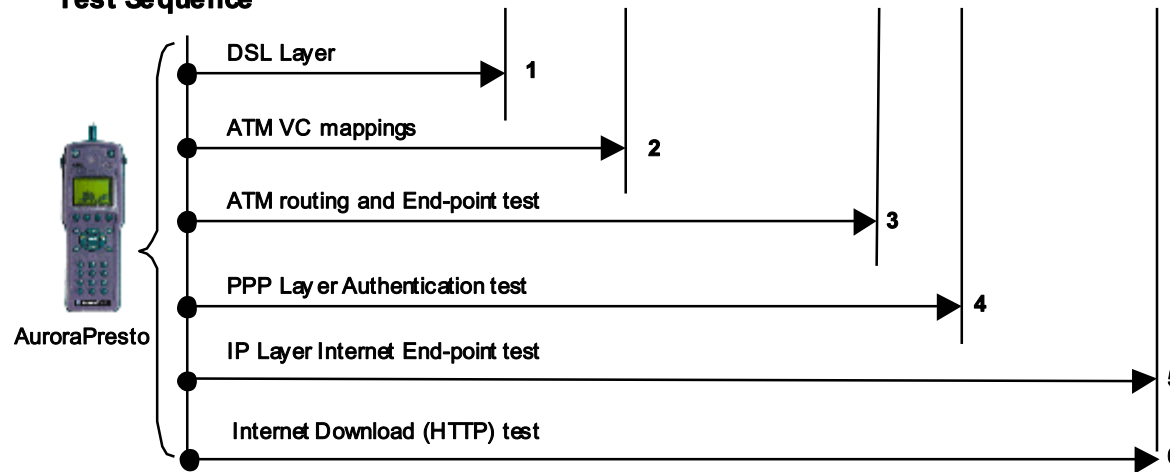
# AuroraPresto DSL Service



# AuroraPresto Network Map



## Test Sequence





Ruggedised construction with belt hook

Interface sockets protected against moisture and dust ingress

Status LEDs for instant verification of line status



8 x 21 Character LCD display

4 x multifunction soft keys

Full 'telephone style' alphanumeric keypad with additional functions activated by shift key

Interfaces at bottom of unit to protect against water ingress when used outside



- 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



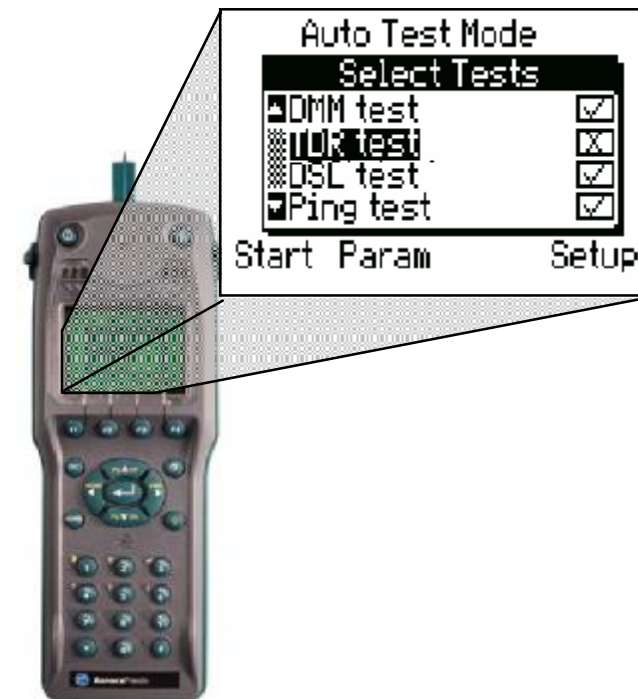


- ADSL, ADSL2, ADSL2+ and SHDSL support in a single unit
  - ADSL over POTS and ADSL over ISDN
  - ADSL2, ADSL2+ over POTS
- xTU-C (Central Office Modem) or xTU-R (Remote Modem) termination
- Upstream/Downstream rates and statistics
- Graphical display of DMT BIN capacity
- Golden Modem and Golden Router through mode testing





- Full SHDSL G.991.2 SHDSL support
- STU-C and STU-R operation - single interface card
- 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





- 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







- 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





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





- PPPoE and PPPoA
- Client and Server modes
- DTE testing via 10BT (PPPoE)
- 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

