

High Bandwidth Ethernet Solutions over Bonded Copper or Fiber to Replace Existing Legacy Products

Technical Refresh



PairGain Campus



LRE



PairGain Campus Star

Manufactured Discontinued Products

Actelis Official Solution



Actelis ML230



Actelis ML600i

Actelis is the ONLY DSL APPROVED SOLUTION on DoD APL (TN) 1823301

Actelis Features:

Very High Performance over bonded copper – Bonding up to 32 pairs with Actelis, offering up to 200 Mbps symmetric over bonded copper. PairGain Campus Ethernet solution caps out at 3 Mbps.

High Density – Market leading density with Actelis. More than 40 pairs/sites per RU. Existing legacy solution typically cannot support more than 1.7 lines/customers per RU.

High Reliability – Actelis solution provides fiber like reliability and service availability. Actelis advanced EFMplus technology enables service continuity even under multiple failure scenarios and extreme environmental conditions.

High Flexibility – Actelis' broad portfolio offers the flexibility to choose the best solution per your installation, budget and topology needs. Actelis solutions support 2, 4, 8, 16 and 32 pairs, a mix of interfaces - SHDSL, VDSL, Fiber, DS1, DS3 and a comprehensive set of network topologies – Point-to-Point, Point-To-Multi-Point, Ethernet/STP/RSTP Rings and Drop and Continue.

Power and Data over the Same Lines - Actelis bonded copper solutions can deliver power + data to feed a remote unit and/or additional remote equipment – WiFi, Camera, Sensors ...

Applications

HVAC & Alarm Systems

Actelis solutions are perfect cost effective, low bandwidth solution to low priority building where fiber is not an option.

Ethernet Extension

Fiber is the perfect solution but in today budget restrictions delay projects from getting done. The Actelis solution provide immediate solution with 10 to 200+ Mbps service.

T1 Replacement

Everything moving to Ethernet - Actelis utilizes the "T1s" copper pairs to deliver significantly higher bandwidth – For Ethernet or Ethernet+ T1s services

Monitoring & Troubleshooting

Actelis provides end to end monitoring for the entire network and a built-in TDR for locating faults in the copper pairs

Portfolio



ML2300 – 256 Ports to a single or multiple uplinks



ML230 – 128 Ports to a single or multiple uplinks



ML600 CPE's – Fit for any scenario/application. 2, 4, 8 & 16 pair CPE's delivering Ethernet, T1 or DS3