

# Actelis' Offers Advanced High Bandwidth Ethernet Solutions to Replace Existing Legacy Products

## Manufactured Discontinued Products



PairGain Campus Star



PairGain Campus Unit



Cisco LRE

## Actelis Replacement Solution



Actelis ML230



Actelis ML620i

### Key Drivers for Replacement

Each deployment instance has its own set of motivations but there is a common set of factors that are driving the replacement of the PairGain Campus product and new installations of the Actelis solutions.

**Performance** – 10x and up to 25x throughput improvement can be achieved over the same copper infrastructure.

**Reliability** – The Campus deployments are very old and are beginning to fail without replacement systems available. Without an aggressive sparing strategy in place, facilities can be stranded with no data communication options if the Campus systems fail.

**Incompatibility** – Compatibility issues with newer Ethernet switches and other devices are being uncovered impacting new projects, further aggravating the need for a better solution.

## Applications and Features

### "Actelis Complies With The Buy American Act"

**HVAC Systems** – Actelis is perfect for a cost effective low bandwidth solution to low priority building where fiber is not an option.

**T1 Replacement** – With everything moving to Ethernet, Actelis utilizes the same copper pairs to achieve much higher bandwidth.

**Ethernet extension** – Fiber is the perfect solution but today budget restrictions delay projects from getting done. The Actelis solution solves this problem with 10 to 100 Mbps service.

**Monitoring & troubleshooting** – Actelis provides end to end monitoring for the entire network and a built-in TDR for locating faults in the copper pairs.



**ML2300** – Capacity for 256 Ports to a single or multiple uplinks



**ML230** – Capacity for 128 Ports to a single or multiple uplinks



**CPE's** – Actelis has the fit for any application from 2, 4, 8 & 16 pair CPE's delivering Ethernet, T1 or DS3