

The [Access Processor](#) platform enables the interfacing of odd serial bitrates, standard telco services and infrastructure, and LAN/IP and other non-ATM services into a single converged platform. Narrowband (8kbps) to Wideband (155Mbps STM-1/OC-3) data rates are supported.

The [Access Processor](#) is a multi-standard convergence platform enabling the integration of multiple disparate services over a common infrastructure. North American and European terrestrial telecoms and datacoms services are supported, as well as common serial, satellite and broadcast interfaces. Specialist modules unique to the [Access Processor](#) platform enable the creation of efficient Satellite and Defense infrastructures.

The [Access Processor](#) can be used as a simple ATM switch, an Access Concentrator of non-ATM services, or even as an Interface Converter/Fibre Optic Multiplexer. The [Access Processor](#) interface modules have evolved out of existing carrier/telco products and also customer requirements for back-hauling satellite links and multiplexing terrestrial services over satellite. The [Access Processor](#) platform can support a mixture of ATM and non-ATM traffic, typically using ATM as the transport mechanism which is transparent to both the application and the customer.

The [Access Processor](#) is used in the following key applications:

- Satellite Backhaul, including Asymmetric and Odd data rates
- Multiservice Convergence over Serial Satellite Links
- ATM over Serial Satellite Links

The [Access Processor](#) has the following key features:

- Fully non-blocking back plane - no bottlenecks or restrictions (even non-ATM in to non-ATM out applications supported)
- Extensive range of interface modules - any slot for any module
- Hot swap interface modules - configuration automatically re-instated onto replacement modules

- Asymmetric, Simplex and Full Duplex operation on all port types
- Point-to-point and Point-to-Multi-point topologies supported

The [Access Processor](#) is based around a modular chassis, which is available in 3 sizes:

- AP3000: 3 Slot (2U 19 inch rackmount)
- AP4000: 4-5 Slot (4U 19 inch rackmount)
- AP8000: 8-9 Slot (6U 19 inch rackmount)

The [Access Processor](#) supports the following non-ATM interface types:

- Telecoms: T1, E1, E2, E3, DS3
- Datacoms: 10/100BaseT, EIA530, HSSI
- Broadcast: ASI
- Satellite: EIA530, HSSI, ECL, ASI

The [Access Processor](#) supports the following ATM interface types:

- Telecoms: E1, E2, E3, DS3, STM-1, OC-3
- Datacoms: EIA530, HSSI
- Broadcast: ASI
- Satellite: EIA530, HSSI, ECL, ASI

For further information click for the [Access Processor](#) product page