

Fully scalable Headend platform for Cable TV and IPTV networks

Luminato is a high density modular platform for
IPTV and cable TV headends with advanced
real time stream processing



The Teleste Luminato platform

Luminato business benefits:

- Fully modular platform that grows with your business, from a compact 1 RU "headend in a box" to a multi-site, distributed headend solution
- Platform's small footprint enables efficient space usage
- Low power consumption enables longer module lifetime and lower energy costs. Energy efficiency also reduces site cooling requirements
- Internal switch for cable free interconnections and simplified maintenance
- Advanced DVB stream processing offers flexibility for channel creation and simplicity in multi-vendor environments
- The ability to customise content delivery to targeted subscriber groups



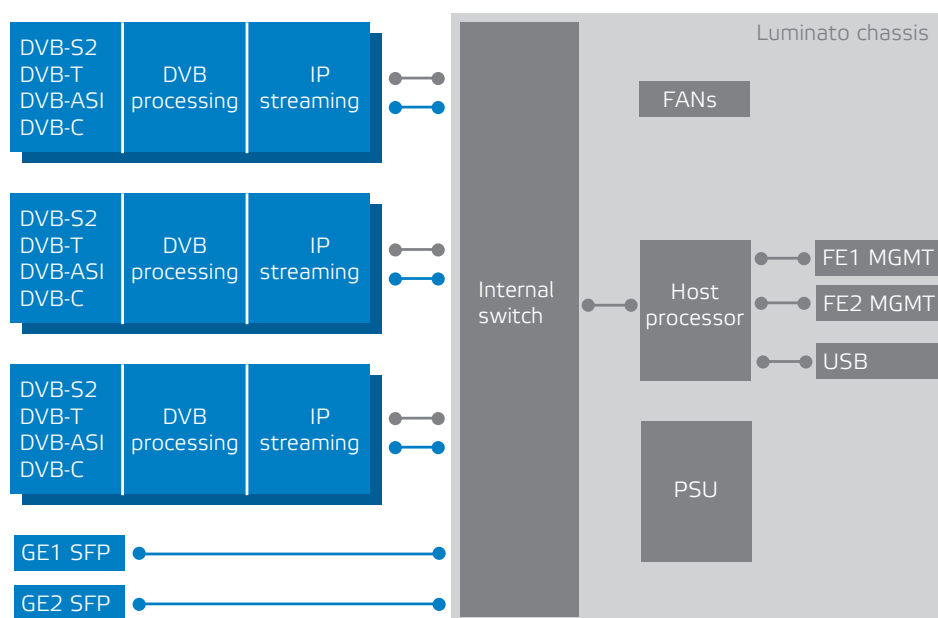
The Luminato platform is the most compact form factor in the industry with minimal power consumption.

The chassis have been divided into six processing modules. All modules can be hot swapped and auto configured, minimising service outage. The module slots can be equipped with ASI to IP, DVB receivers and QAM output depending on the application requirements.

The two Gigabit Ethernet interfaces with electrical or optical SFP modules are provided for IP payload traffic. MPEG-2 and MPEG-4 with SD and HD are supported, suitable for IP centric Cable TV and IPTV networks.

Management of the platform is via a web user interface, providing local or remote access. The advanced DVB stream processing, UDP/IP and RTP/IP streaming and MPTS pass through offers a very flexible environment for service management.

24/7 support is available for Luminato and pre-configured platforms can be provided.



Technical specifications

Chassis		Stream interfaces	
Mounting	19" rack mountable, 1RU Installation rails for easy installation	Two gigabit Ethernet ports	Supports electrical and optical SFP modules
Dimension (H x W x D)	1U x 19" x 385 mm	Management and monitoring	
Operating voltage	100-230 VAC 50/60 Hz	Web user interface Telnet CLI SSH SNMP	
Power consumption	max. 120 W / fully occupied chassis		
Operating Temperature	-10...55 °C ambient		
Relative Humidity	up to 90% (non-condensing)		
Cooling	replaceable fans	Interface Modules	
Management interfaces		6 slots for hot swappable processing modules	
Two 10/100 BaseTX	for CAS and NMS		
USB	for initial setup		