

Exterity IP Video Solutions for Airports



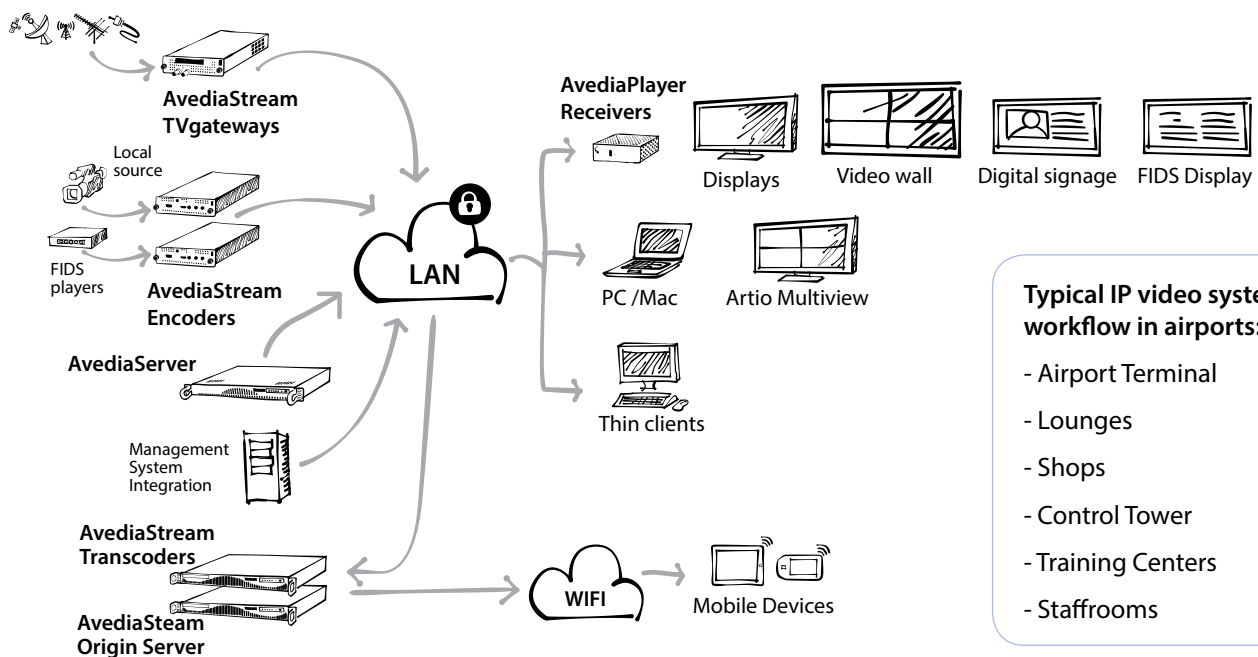
Entertain and inform your passengers on the move with live TV, on-demand video, advertising and travel info

When travellers are on the move they look to TV screens and digital signage to provide timely and correct schedules, live global news, updates that may impact their travel plans, as well as entertainment to ease the journey. Exterity's cost-efficient IP video solutions are found at the heart of transport hubs around the world and are used to distribute travel information, announcements, advertising and entertainment quickly and easily throughout an airport over its existing IP network.



TV and video channels can be delivered wherever there's a network connection; to airport lounge Flight Information Displays (FIDS), PCs, standard TVs, Digital Signage, or any other video display device. An Exterity IPTV solution also provides fine-grained control over what content is available, where it can be displayed, and who can see it. Channels, displays and users can be added virtually without limit in passenger areas and across other airport-owned operational centres, including the control tower, training centres and staff communal areas.

Exterity's use of open standards facilitates full interoperability with Transport Information Systems, and third party operators, such as concessions and hotels, can also leverage the centralised IPTV platform, creating incremental revenue streams for the airport.



- Typical IP video system workflow in airports:**
- Airport Terminal
 - Lounges
 - Shops
 - Control Tower
 - Training Centers
 - Staffrooms



Exterity solutions for Airports

- Deliver flight information as channels on the network through integration with Flight Information Display systems. This eliminates the requirement for separate PCs to drive displays, greatly reducing operational and maintenance costs.
- Centrally manage all video and TV channels from multiple broadcasters, including Digital Signage, delivering content and messaging to all areas of the airport, including terminals, lounges, concessions, hotels and airport operational areas, and providing full flexibility and control in content delivery.
- Scalable, multiscreen content delivery. View content on multiple display devices such as TV displays, projectors, video walls, PCs, Smart Phones and Tablets.
- Create additional revenue streams by selling access to TV content and content management services to concessions and local facilities.
- Low power consumption, eco-friendly, stable platform, proven in reducing any operational downtime. The Exterity IPTV headend fully caters for additional redundancy such as additional power supplies, full hot-swap features, dual Ethernet, RAID hard drives, etc.
- Exterity set-top boxes (AvediaPlayer Receivers) are powered over Ethernet (PoE) as standard, reducing electricity consumption, the need for power sockets and expensive electrical cabling, thereby reducing running costs and construction time and expense.
- An Exterity IPTV platform is scalable to full high definition (HD) content, ensuring broadcast-quality viewing, especially important for First Class and Business Class Lounges.
- Provide content for airport operational areas, including health-and-safety and training content, as well as entertainment content for airport staff in communal areas e.g., employee restaurants and staffrooms.

Case study:

Hamad International Airport in Doha, Qatar, demonstrates the ability of Exterity IP video solutions to scale to the requirements of world-leading airport facilities, and includes over 800 displays and a dual headend (the second for redundancy), managing over 80 channels. The airport's key requirements were:

- The ability to centrally manage all end points.
- End point set-top boxes to be powered over Ethernet, saving power consumption and significantly reducing the number of power sockets and cabling.
- Stability – a reduced power consumption solution will substantially reduce any downtime.

See who is using Exterity solutions for airports around the world



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