

Quarterly newsletter



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airscreen™ live

The COVID-19 pandemic has changed education forever in making home schooling a must-have alternative.

Inverto's airscreen Live™ connects the unconnected, distributing educational material over one-way satellite broadcasts to schools or direct to homes.

With multiple ongoing pilots, Inverto's airscreen Live demonstrates that delivering remote education over digital platforms can be simple, cost effective and quick to deploy.

Inverto's airscreen Live™ delivers OTT streaming and file transfer service experience over broadcast networks, making it the ideal solution for distributing educational material of any kind including live videos, media files or documents to unconnected schools or homes.

Students can use smartphones and tablets to access live and downloadable content at school or at home and learn remotely, making home schooling simple and easy to implement. Unconnected schools can finally access the plethora of educational material that only connected schools used to enjoy and benefit from.

Inverto's airscreen Live offers ubiquitous coverage with guaranteed QoS to deliver cost-effective education TV and educational material to unconnected schools or homes over satellite, terrestrial or cable TV broadcast networks.

The airscreen Live solution consists of:

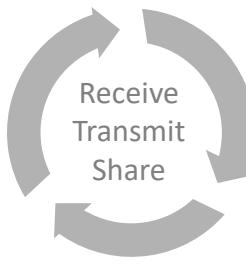
airscreen™ Live PRO Server

The airScreen Live™ PRO solution consists of an mABR broadcast server and gateway receivers featuring open-standard interfaces for simple and quick integration with content management servers and end-user applications of the customer's choice. Content transmitted via airscreen™ Live PRO – ABR live video streams or any type of files (eg HLS or MPEG-DASH) – is formatted into FLUTE packets, then encapsulated into multicast IP streams to generate a DVB-MPE transport stream (TS) that is ready for broadcast by insertion into any mux or modulator.

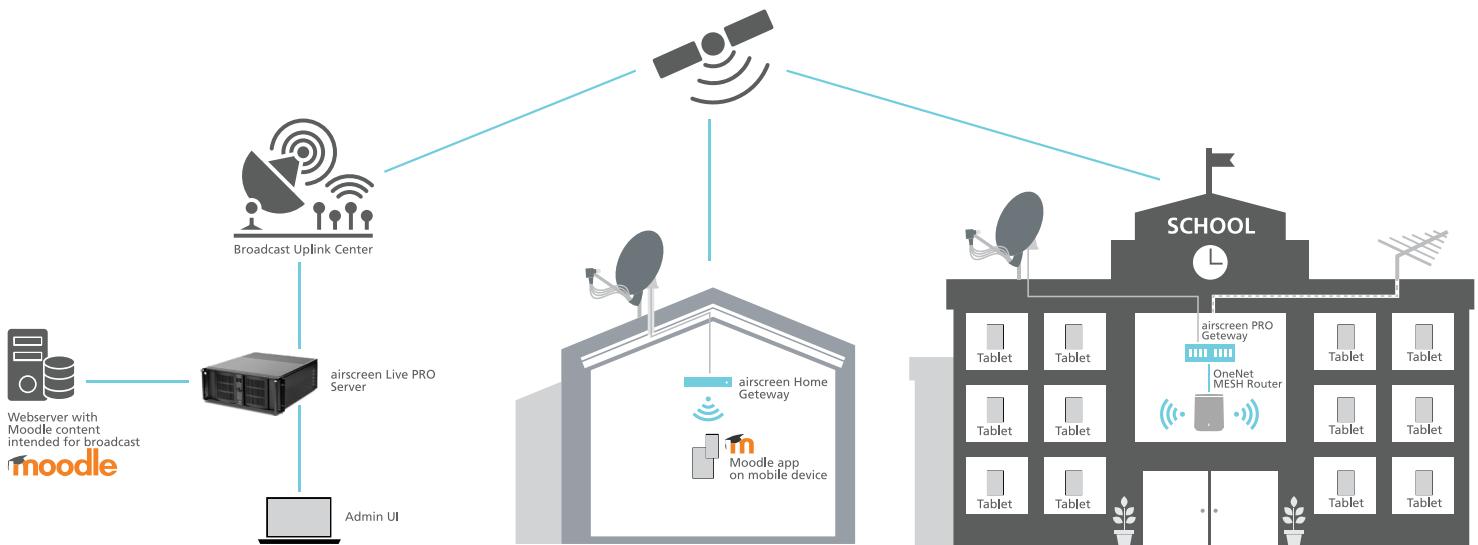
The content is made available to the end-users over its integrated web server. Client devices such as tablets, smartphones or PCs connect to the airScreen Live™ PRO gateways over wifi and can access the content through a web browser without having to download or install any special software.

airscreen™ Live PRO Gateway

The airScreen Live™ PRO Gateway is a cost-effective streaming gateway featuring a satellite receiver front end, a built-in Wi-Fi access point and integrated airscreen™ Live software stack. Deployed together with Inverto's OneNet PRO MESH WiFi, the airScreen Live™ PRO Gateway offers robust streaming capabilities with a scalable WiFi coverage for schools. The integrated airscreen™ Live software stack enables the reception of multicast ABR (Adaptive Bit Rate) streams or generic files in any format that are encapsulated over DVB-MPE broadcasts, securely store them on a built-in web server and distribute them to mobile devices at home over its built-in Wi-Fi access point. In addition, the airScreen Live™ PRO Gateway can receive and decode live Ultra HD free-to-air satellite TV programs for display over its HDMI port. Local storage can be added over the USB3.0 or LAN (Network Attached Storage) interfaces.



MABR STREAMING



airScreen Live™ HOME Gateway

The airScreen Live™ HOME Gateway is a cost-effective streaming gateway featuring a satellite receiver front end, a built in Wi-Fi access point and integrated airScreen Live™ software stack.

The airScreen Live™ HOME Gateway can receive dedicated school contents to be downloaded thanks to its local storage port or watched at home with portable devices such as smartphone or tablet.

The integrated airScreen Live™ software stack enables the reception of multicast ABR (Adaptive Bit Rate) streams or generic files in any format that are encapsulated over DVB-MPE broadcasts, securely store them on a built-in web server and distribute them to mobile devices at home over its built-in Wi-Fi access point.

Main features and benefits:

- Access to broadcast TV content
- Built-in dual band Wi-Fi Access Point
- Local storage over Micro SD and/or USB3.0 SuperSpeed interfaces
- airScreen Live™ additional field applications:
 - Multi-network video services OTT/Broadcast/IPTV
 - Video delivery to public locations eg bars, campuses
 - Digital signage
 - Smart cities video services
 - Telemedicine and medical video streaming
 - Online education and distant learning applications



SEAMLESS HOME WiFi #SOLVED

Don't miss our MESH WiFi product line première - For more details visit inverto.tv



For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed data sheets of the products.
Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and / or features without notice.

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