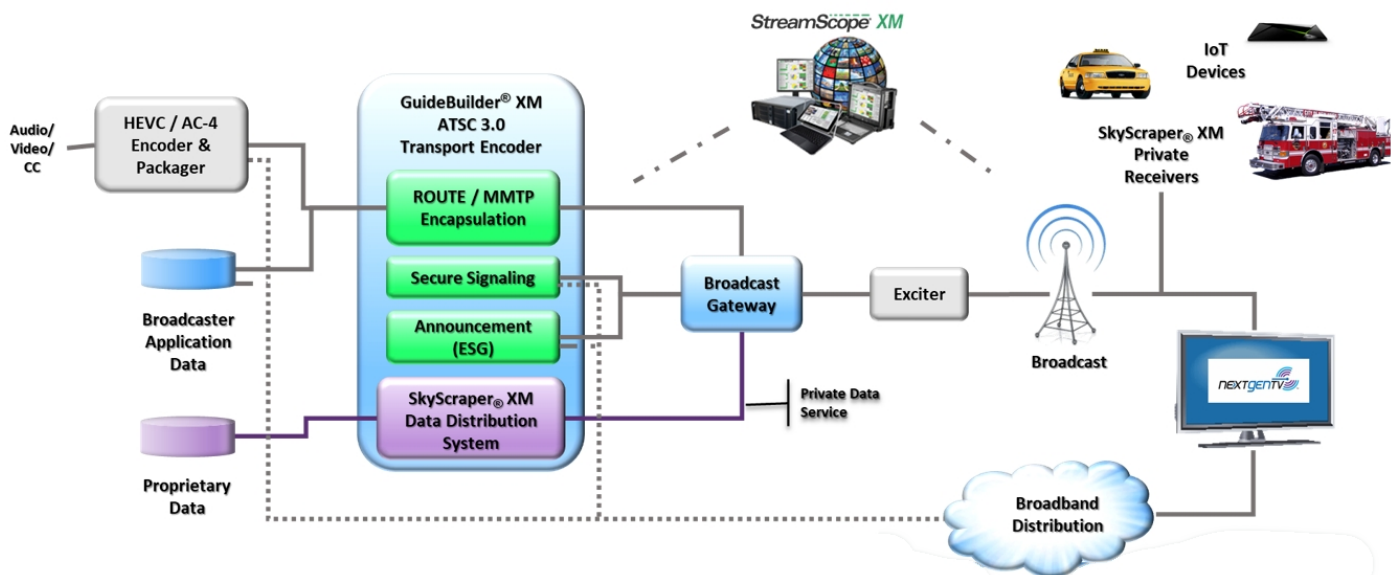




ATSC 3.0 Datacasting System

SkyScrap^{er}® XM is a state-of-the-art system for distributing public and private digital media content and NRT applications over ATSC 3.0 and hybrid networks. SkyScrap^{er} XM enables TV stations, corporations, and other organizations to reach their targeted audiences, add revenue sources, and bridge connectivity divides.



SkyScrap^{er} XM is designed for use with GuideBuilder® XM, Broadcast Gateway, and StreamScope® XM.

BENEFITS

- Lower data transmission costs with OTA
- Optimize bandwidth efficiency with statistical multiplexing
- Ensure reliable delivery with built-in FEC modes
- Configure broadband and hybrid networks
- Simplify workflow and shared media access
- Monitor data transmission and reception
- Use nonproprietary receivers
- Reduce CapEx with GuideBuilder XM
- Troubleshoot with detailed log files
- Partner with Triveni Digital on future use cases
- Rely on expert U.S.-based customer support

APPLICATIONS

- The Internet of Things (IoT)
- Consumer edge data centers
- Streaming OTT providers
- Remote and interactive e-learning content
- Cloud services and ISPs
- Connected cars and autonomous vehicles
- Advanced emergency alerts
- Gaming industry opportunities
- And more



FEATURES

SkyScrap^{er} XM

- Integrated with GuideBuilder XM transport encoders
- Simplified workflow for Non-Realtime Data Packet (NPD) files
- Encrypted, targeted, and tracked data delivery
- Built-in Forward Error Correction (FEC)
- Opportunistic data insertion (ODI)
- Statistical multiplexing
- Schedule-based broadcast and broadband delivery
- Sends to private data applications (Windows, Linux, Android, etc.)
- Receiver acknowledged monitoring
- Continuous and manual file downloading
- Detailed input analysis
- Easy-to-use graphical user interface
- Data file management
- System and internal logs

Broadband Gateway Set Top Box (Zinwell ZAT-6000L)

- Wi-Fi: 2.4G 802.11n with a 2T2R antenna
- ATSC 3.0 tuner
- ATSC 1.0 tuner
- Ethernet: 10/100M RJ-45 port
- LTE: Cat4
- Size: 211 mm x 80 mm x 36.2 mm

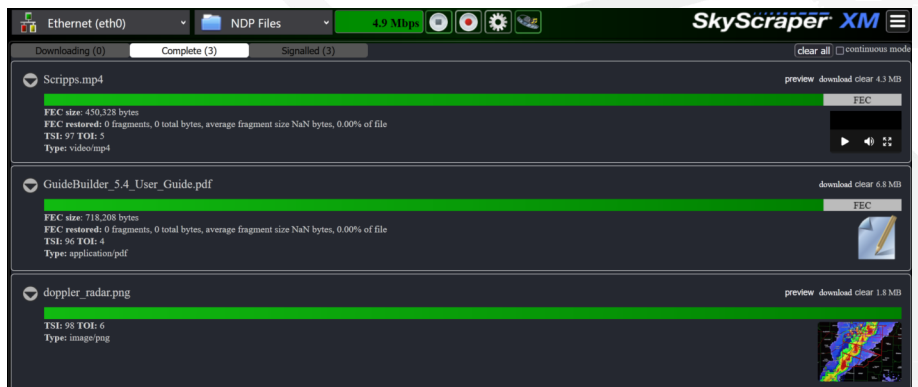
A Fully Integrated Datacasting Solution

With a Simplified, Scalable Workflow

Integrated with the GuideBuilder XM ATSC 3.0 transport encoder, SkyScrap^{er} XM makes datacasting easy. Simply upload and encode data files and applications in GuideBuilder XM and then broadcast them to standards-based ATSC 3.0 receivers. With SkyScrap^{er} XM, you can manage data files, monitor data transmission and reception, and more.

For New Revenue-Enhancing Applications

SkyScrap^{er} XM lets you take full advantage of innovative applications such as datacasting to vehicles, enhanced communications for first responders, and interactive e-learning services. As ATSC 3.0 is more widely deployed, SkyScrap^{er} XM can accommodate new applications in a variety of hardware and operating systems, while offering backwards compatibility with ATSC 1.0 infrastructures.



With SkyScrap^{er} XM, you can monitor NRT data transmissions and receptions.



The SkyScrap^{er} XM system can broadcast to CPE and enterprise ATSC 3.0 receivers.



"SkyScrap^{er} XM provides broadcasters with an efficient, proven platform for content distribution via ATSC 3.0, with supplementary point-to-point delivery, as needed."
-2021 DMW Awards, IP Broadcast Solutions

Contact us for
a free demo
or price quote.



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