StreamScope® XM ✓erifier

ATSC 3.0 Stream Verification Software

StreamScope® XM Verifier is an award-winning software application for verifying, rendering, and recording ATSC 3.0 broadcast streams, in either ROUTE or MMTP protocols. Used as a Windows® app or a cloud-based SaaS, Verifier is an easy-to-use tool for testing and validating NextGen TV trials and deployments.

Cost-Saving and Convenient

StreamScope XM Verifier uses the same ATSC 3.0 analysis engine as the StreamScope XM MT professional analyzer. Verifier, however, can run on Windows 10 laptops and is compatible with many third-party ATSC 3.0 input devices, reducing the number of tools engineers need to take to their work sites.
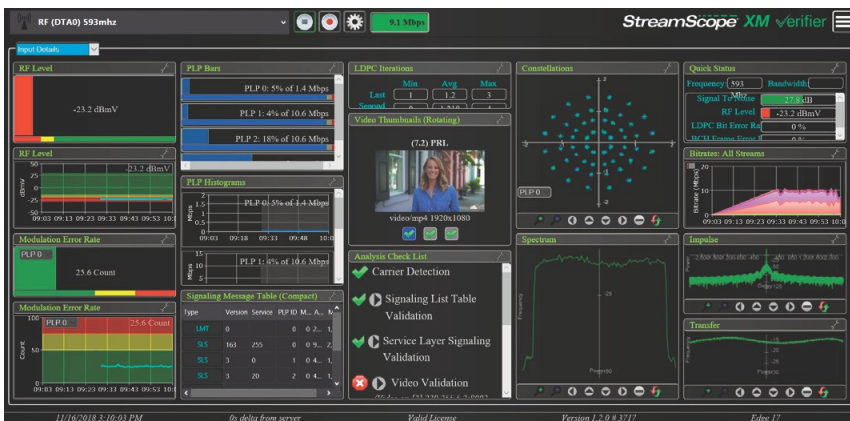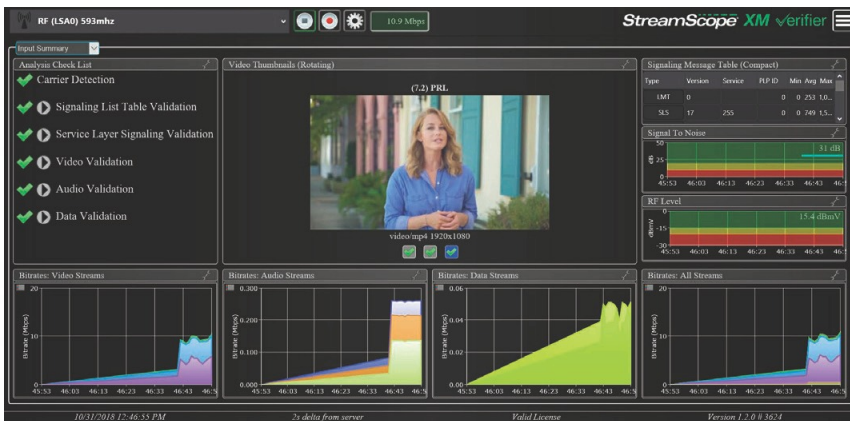
For Ethernet, RF, and File Inputs

StreamScope XM Verifier enables you to monitor and analyze a wide range of ATSC 3.0 quality-assurance metrics, including video, metadata, STLTP, ROUTE /MMTP, IP routes and optional advanced RF spectrum analysis. It also supports a variety of input options, such as Ethernet, PCAP files, and basic RF via a receiver USB dongle or advanced RF via a PCIe receiver card.

Benefits

- Ensures ATSC 3.0 video, audio, and metadata quality
- Analyzes RF, Ethernet, and file inputs
- Handles ROUTE, MMTP, STLTP, and DASH protocols
- Displays video thumbnails, bitrates, RF parameters, signaling tables, PLP data, Cartesian graphs, and more
- Renders and records ATSC 3.0 video and audio streams
- Uses multiple RF dongles and PCI cards
- Reduces Opex and tools needed

FUTURE

PRODUCT INNOVATION AWARDS

TVTechnology

"StreamScope XM Verifier is a Windows-based software visualization tool that allows station managers and field staff to get a comprehensive view of their ATSC 3.0 service at a glance."
- TV Technology

triveni DIGITAL®

Better TV

StreamScope® XM ✔erifier

StreamScope XM Verifier is a part of a large family of analyzers from Triveni Digital. Stream Scope XM Verifier is the next-generation software for video, audio and metadata services quality assurance in ATSC 3.0. This easy-to-use verification application is based on the award-winning StreamScope MPEG analyzer product line and leverages our engineering expertise with video quality assurance solutions. Putting Stream Scope XM Verifier in the hands of key technical personnel improve operational efficiencies and quality of service on-the-go, while helping them learn the new ATSC 3.0 standard.

Professional, comprehensive tool set for DTV Service Quality Assurance

Industry's most comprehensive DTV QA toolset

StreamScope EM — Enterprise Assurance

Unified *monitoring and management of distributed systems*

StreamScope MT — Professional Analyzer

MPEG 2 TS & ATSC 3.0 *professional analyzer and troubleshooter*
Options support multiple simultaneous inputs, Advanced RF, ATSC 3.0, remote workgroup user interfaces. Available in personal configuration.

StreamScope RM — Service Monitor

MPEG 2 TS *monitoring, auditing and logging* system
Long-term monitoring and reporting. Post-mortem problem resolution.

StreamScope Verifier — Visual Service Verification

Simple, powerful tool for *visual verification of service* parameters, using Triveni Digital's powerful comprehensive analysis engine.

Features

- USB dongle and PCIe card RF receivers
- Multiple Ethernet inputs can be configured
- Customizable at-a-glance dashboards
- 40 real-time graphs, charts, and tables
- Video rendering and rotating thumbnails
- Record and manage PCAP files for playback
- Analysis Checklist and Quick Status panels
- Complete signaling message table data.
- Video, audio, data, and all-stream bitrates.
- Constellation, impulse, spectrum, and transfer RF graphs
- Bootstrap, subframe, L1, LDPC, BCH, and TXN data
- PLP bar graphs and histograms
- Detailed diagnostic system logs

Specifications

Computer Requirements

- A 64-bit Microsoft Windows® 10.x operating system
- Mozilla Firefox® or Google® Chrome™ web browser
- Sixth-generation or later dual-core or quad-core Intel® i5 or i7 CPU, or a video card that supports HEVC compression (e.g., GTX 950 or higher)
- At least 8 GB of RAM
- At least 1 GB of free disk space for the Verifier app and files

RF Inputs

Basic RF:
- Airwavz
- LowaSIS

Advanced RF:
- DekTec

Windows 10 Compatible

Contact us for a free demo or price quote

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