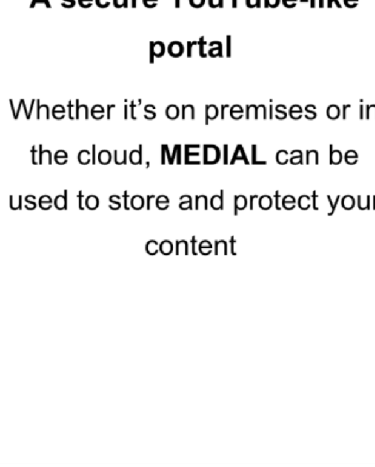


What is MEDIAL?

MEDIAL is a secure, YouTube-style media platform that sits on top of Wowza Streaming Engine and adds content management, publishing, protection and user-friendly workflows for Live and On-Demand video

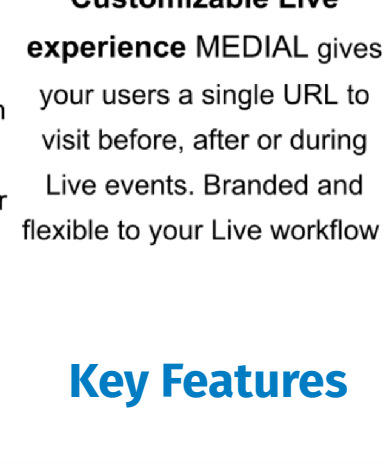
What is included?



MEDIALibrary

A secure YouTube-like portal

Whether it's on premises or in the cloud, MEDIAL can be used to store and protect your content



MEDIALive

Customizable Live experience

MEDIAL gives you users a single URL to visit before, after or during Live events. Branded and flexible to your Live workflow



MEDIALearning

Powerful Integrations

Industry leading integrations with Canvas, Moodle™, Blackboard, Bright Space, Zoom & Teams

Key Features



Manage

Content that is easy to find and is logically organized gets seen more frequently. With categories and tags, users are sure to quickly find what they are looking for



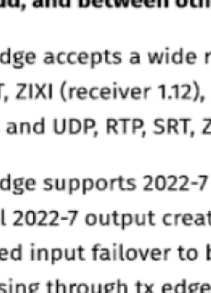
Upload

Simplifies and automates the video transcoding process. Generates multiple versions at different quality levels for playback on any device



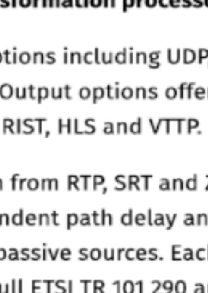
Secure

Provides end-to-end content protection and supports a variety of identity providers to simplify user account management and to facilitate secure access to your media



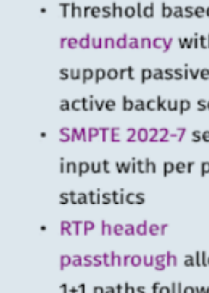
Live

Simplifies the Live Streaming workflow so that once the live stream is started getting it published and archived is a simple as pressing a button



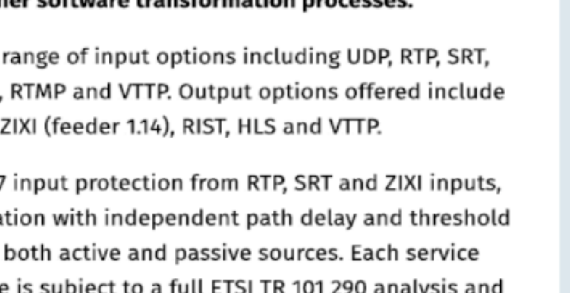
Record

Immediate upload of screen capture creations to your library or LMS that can be accessed anytime, anywhere using our MEDIAL Lecture Tool



AI Powered Interactivity

Quizzes created automatically using AI with multiple question types, annotations and CTA's. Trackable results and gradable in the LMS



Secure transport, protection and monitoring

Move your high-value live video content anywhere with confidence

tx edge is a software gateway providing protection and monitoring for critical broadcast content as it moves between facilities, to and from the Cloud, and between other software transformation processes.

tx edge accepts a wide range of input options including UDP, RTP, SRT, RIST, ZIXI (receiver 1.12), RTMP and VITTP. Output options offered include HLS and UDP, RTP, SRT, ZIXI (feeder 1.14), RIST, HLS and VITTP.

tx edge supports 2022-7 input protection from RTP, SRT and ZIXI inputs, dual 2022-7 output creation with independent path delay and threshold based input failover to both active and passive sources. Each service passing through tx edge is subject to a full ETSI TR 101 290 analysis and has a thumbnail extracted. tx edge allows for rapid deployment, whether on a server or in the Cloud. It can be deployed on bare metal, virtualized, or as containers, and instances are monitored and controlled via the tx core interface.



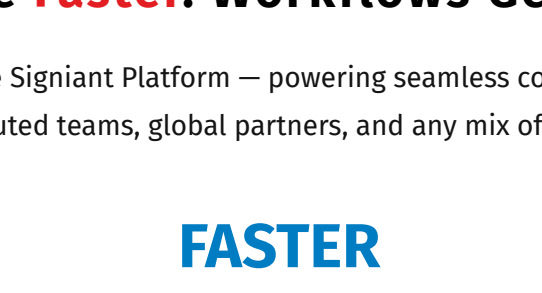
tx edge offers the widest range of inputs and outputs.

Intuitive interface

Using the dynamic tx core control interface, you can easily manage multiple tx edge deployments centrally from a single place. In addition, tx edge provides real-time information on all aspects of every stream centrally such as online state, IP errors, MPEG errors (ETR 290) network loss and more.

Key Functions

- Threshold based input redundancy with support passive or active backup sources
- SMPT-E 2022-7 seamless input with per path statistics
- RTP header passthrough allowing 1+1 paths followed by 2022-7
- BISS-2 scrambling and descrambling with seamless odd/even key transition
- Input policing with "Limit bitrate" feature
- Thumbnalling
- ETR290 Priority 1, Priority 2 & Priority 3
- Transparent null packet removal and replacement
- EDGE-EDGE redundancy using XOR and ORT
- Centralised control and monitoring capable of controlling and monitoring through firewalls and presenting a northbound REST control and monitoring API
- Debugging tools - top talkers & PCAP



Files Move Faster. Workflows Get Smarter.

Deliver more with the Signiant Platform — powering seamless content exchange across distributed teams, global partners, and any mix of storage.

FASTER

Signiant's patented file acceleration technology practically eliminates latency, taking advantage of all available bandwidth without restrictions or additional cost.

Transfers can be up to 100 times faster than standard methods such as FTP.

SECURITY

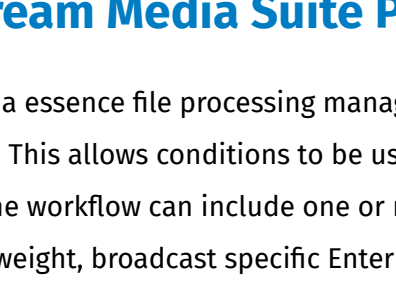
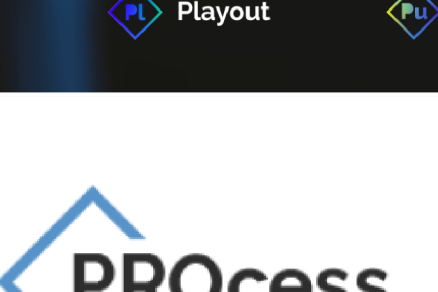
Signiant is trusted by the media and entertainment industry, having completed the Trusted Partner Network's (TPN) App and Cloud Gold Shield Assessments for its SaaS offerings. This thorough evaluation was carried out by Independent Security Evaluators (ISE), a TPN accredited assessor renowned for its independent security assessments in the media sector. Moreover, Signiant complies with SOC 2 Type 2 standards, underscoring their dedication to security and reliability.

REMOTE WORK

Allow VFX and animation artists to work wherever they choose. With a central production hub for control and visibility, studios can tap into a global pool of creative talent with a remote work model, allowing artists to produce higher-quality work from anywhere in the world.

ACCESS CONTROL

Add portal members, restrict permissions, control access to content, and track member activity so you always know who has access to which files. Get real-time feedback on the state of active transfers to set your mind at ease and start working on your next project.



X-dream Media Suite PROcess

Process executes media essence file processing managed by Squared Paper Busby workflow orchestrator. This allows conditions to be used to orchestrate the actual processing chain. The workflow can include one or multiple processing steps.

Busby core is our lightweight, broadcast specific Enterprise Service Bus with lots of microservices built in, and 3rd party services connected. Available services are transcoding, quality control, transcription and translation.

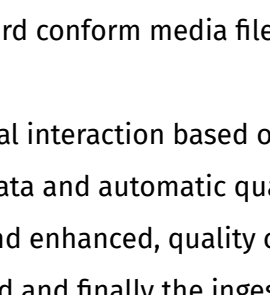
Use Cases

Conditional workflows to automatically drive processing:

- Transcoding
- Quality Control
- Transcription
- Translation
- Face Recognition
- Metadata Processing

Features

- File Browsing
- Transcoding
- File Delivery
- Notification



X-dream Media Suite xIngest

xIngest is a general-purpose file ingest solution for file-based production workflows. Using our software, you can ingest camera card media, upload from local storages or download files from online transfer tools and storages like WeTransfer, Dropbox, OneDrive, etc. as well as through normal watch folders.

xIngest executes conditional workflows for source validation, quality control, correction and transcoding, metadata processing and finally ingest to target systems managed by our workflow orchestrator. Its build-in transcoding engine guarantees highest quality audio and video processing but even more important most standard conform media file format creation.

xIngest provides operational interaction based on extracted technical metadata, automatic generated metadata and automatic quality control results. For instance, metadata can be edited and enhanced, quality control results can be reviewed, corrections can be requested and finally the ingest process can be completed by a manual approval.



X-dream Media Suite xTranscode

xTranscode is a general-purpose transcoder product for file-based production workflows. Its build-in transcoding engine supports many source formats and lots of target formats in post-production, archiving, broadcasting, streaming and social media.

xTranscode provides highest quality audio and video processing and encoding at highest speed. Its download and upload services are adding fetching source files and delivering target files as enabler for efficient workflows. Notifications are completing the feature set with system and operator support.

Use Case

File Transcoding at

- Post-Production
- Archiving
- Broadcasting
- VOD Portals
- Social Media

Features

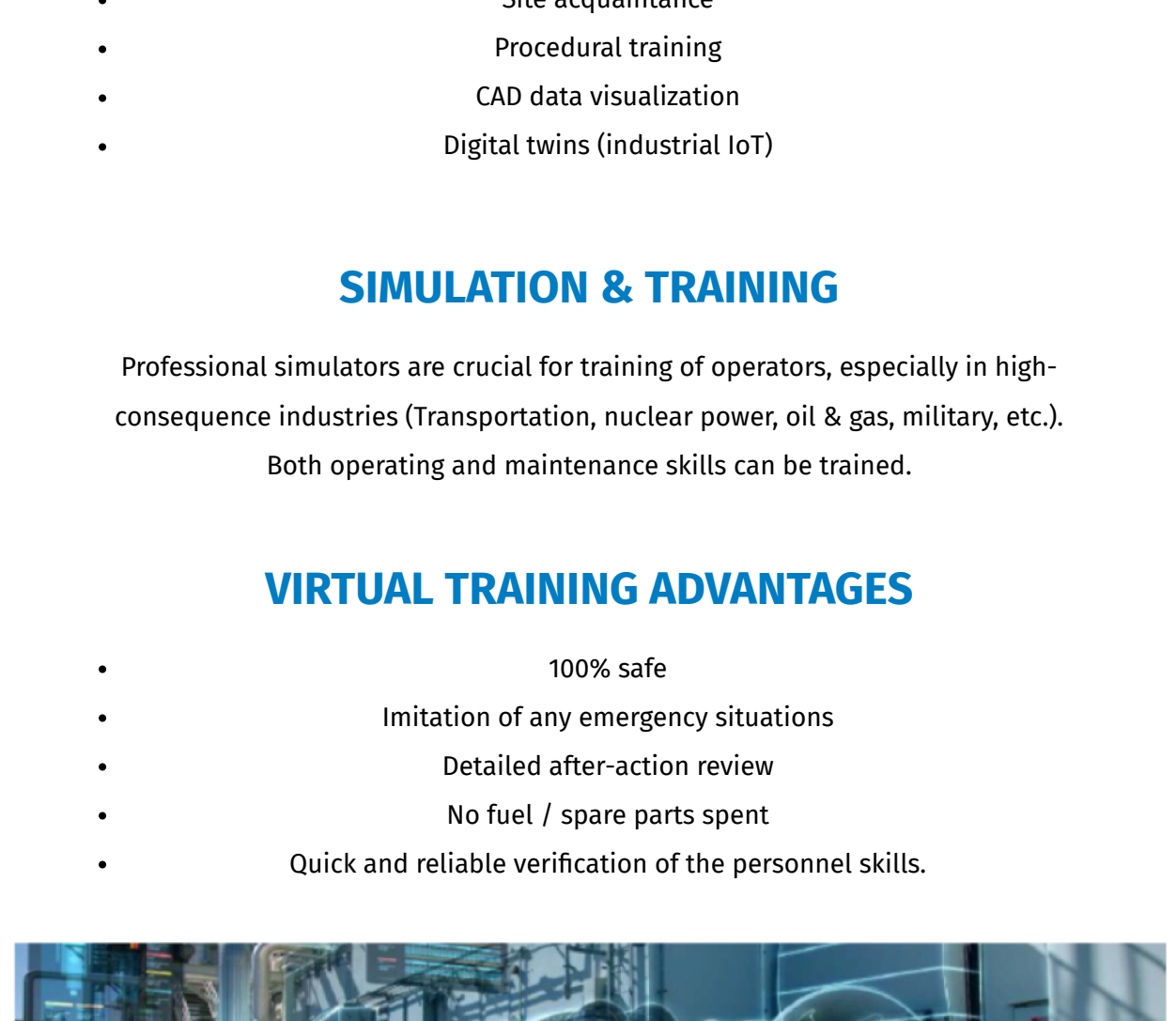
- File Browsing
- Watch folder
- Transcoding
- File Delivery
- Notification



EFFECTS OF VR

Main outcome from VR apps deployment in industrial area:

- Increased safety of operations
- Efficiency increase
- Complexity reduction
- Productivity increase
- Reduction in ergonomic issues



ENTERPRISE VR

VR is the most immersive way of personnel e-learning, also it is the most visual way of presenting ideas and concepts. That's where VR already proven to be cost efficient for large enterprises.

KEY APPLICATIONS

- Health, safety and environment
- Maintenance training
- Site acquaintance
- Procedural training
- CAD data visualization
- Digital twins (industrial IoT)

SIMULATION & TRAINING

Professional simulators are crucial for training of operators, especially in high-consequence industries (Transportation, nuclear power, oil & gas, military, etc.). Both operating and maintenance skills can be trained.

VIRTUAL TRAINING ADVANTAGES

- 100% safe
- Imitation of any emergency situations
- Detailed after-action review
- No fuel / spare parts spent
- Quick and reliable verification of the personnel skills.

