



## MOVE4D Dynamic Body Scanner

### FEATURED CONTENT

2026 Trends: Markerless motion analysis becomes the new standard



## Top motion capture lab trends in 2026

### 1. From markers to vision-based motion capture

For decades, passive marker-based systems have been the gold standard for motion analysis. Their accuracy is well established, but so are their limitations

- Time-consuming subject preparation and marker placement
- Need for highly trained personnel

- Constraint to a permanent laboratory
- Risk of altering natural movement due to markers, clothing constraints or preparation protocols
- In contrast, markerless systems capture movement without physical contact, allowing people to move naturally and be assessed where movement actually happens.

In 2026, the key question will no longer be “Does markerless work?” but “For which use cases is markerless precise enough—and how do we deploy it at scale?”

You might be interested in: MOVE4D version 2.0: Greater precision, smarter automation, seamless Integration

## 2. Clinical-grade accuracy is no longer a promise

One of the main barriers to adoption has been accuracy. That barrier is rapidly disappearing.

Vision-based systems powered by AI can now identify joint centers, track segments and compute kinematics with clinically relevant precision, even during dynamic and complex movements. As a result, markerless analysis is increasingly accepted not only in research settings, but also in decision-making contexts such as:

- Sports performance and injury prevention
- Functional assessment and rehabilitation
- Ergonomics and occupational risk evaluation
- Product validation and human–product interaction studies

What makes this leap especially relevant is that it comes without compromising movement naturalness.

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**WE SPEAK NEW BROADCAST**

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## Product Features

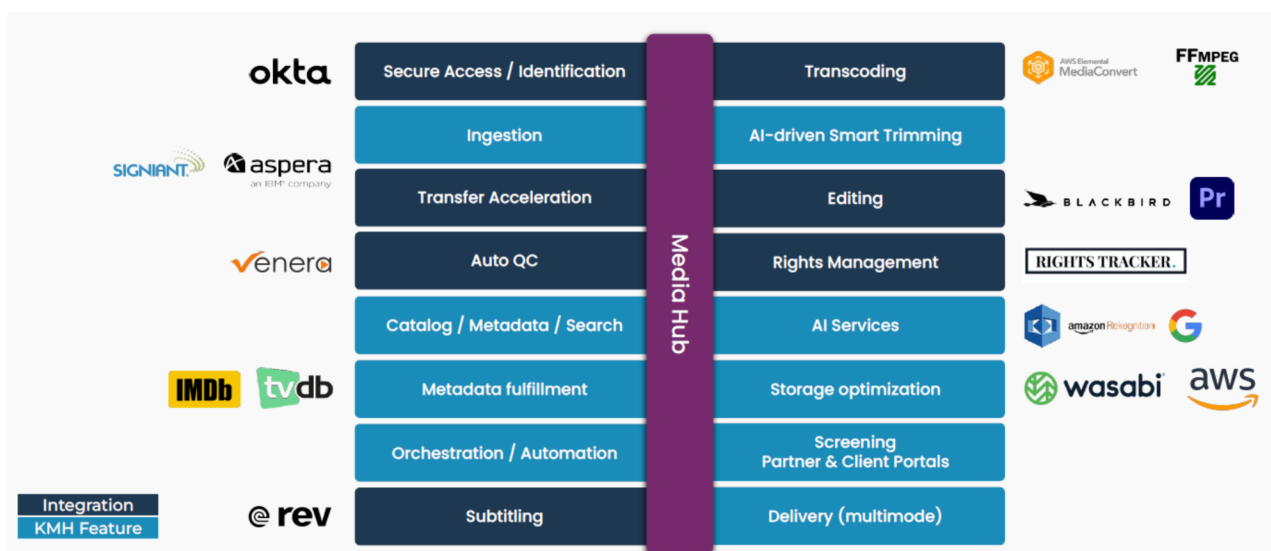
- Reliable fixed latency ARQ delivery over networks with SRT, RIST\* and ZIXI\*
- SMPTE 2022-7 seamless input with per path statistics
- RTP header passthrough allowing 2022-7 integrity to be maintained for downstream seamless protection
- BISS-2 scrambling and descrambling with seamless odd/even key transition
- Threshold based input redundancy with support passive or active backup sources
- XOR and Output Mute Thresholds
- ETSI TR 101 290 Priority 1, 2 & 3
- Transparent null packet removal and replacement to optimise data streams
- Grafana native driver for correlated monitoring
- REST API with existing integrations with ATOS BNCS, Nevion iPath & Skyline Dataminer
- Skyline Dataminer native socket integration for high resolution timeseries statistics
- Splunk HEC native integration for high resolution timeseries statistics

- Datadog native integration for high resolution timeseries statistics
- Influx DB native integration for high resolution timeseries statistics
- Debugging tools - top talkers & PCAP
- Centralised control and monitoring capable of controlling and monitoring remote EDGEs through firewalls
- High availability horizontally scalable cluster-based control and monitoring capable of managing hundreds of EDGEs
- Supports local, LDAP, SAML and Azure AD authentication inc 2FA
- TS Reader
- Flexible license model with OPEX, CAPEX, Floating, Liquid and usage-based options



## Media Services

Knox Media Hub offers a comprehensive set of video processing tools, covering everything from ingestion to transcoding.



We also provide unique, AI-powered features to enhance and automate specific workflows, meeting the diverse needs of media companies.



## Efficiently process your media.

Knox Media Hub provides a full range of media services to edit, transcode, caption and QC materials, along with world-class integrations for enhanced features.



## 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

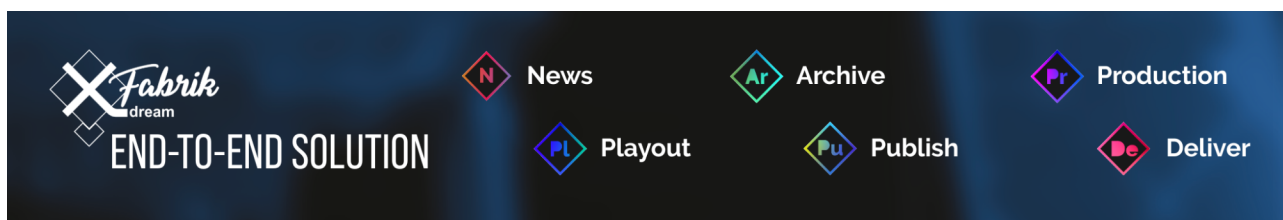
Signiant is trusted by the media and entertainment industry, having completed the Trusted Partner Network's (TPN) App and Cloud Gold Shield Assessments for its SaaS offerings. This thorough evaluation was carried out by Independent Security Evaluators (ISE), a TPN accredited assessor renowned for its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

## REMOTE WORK

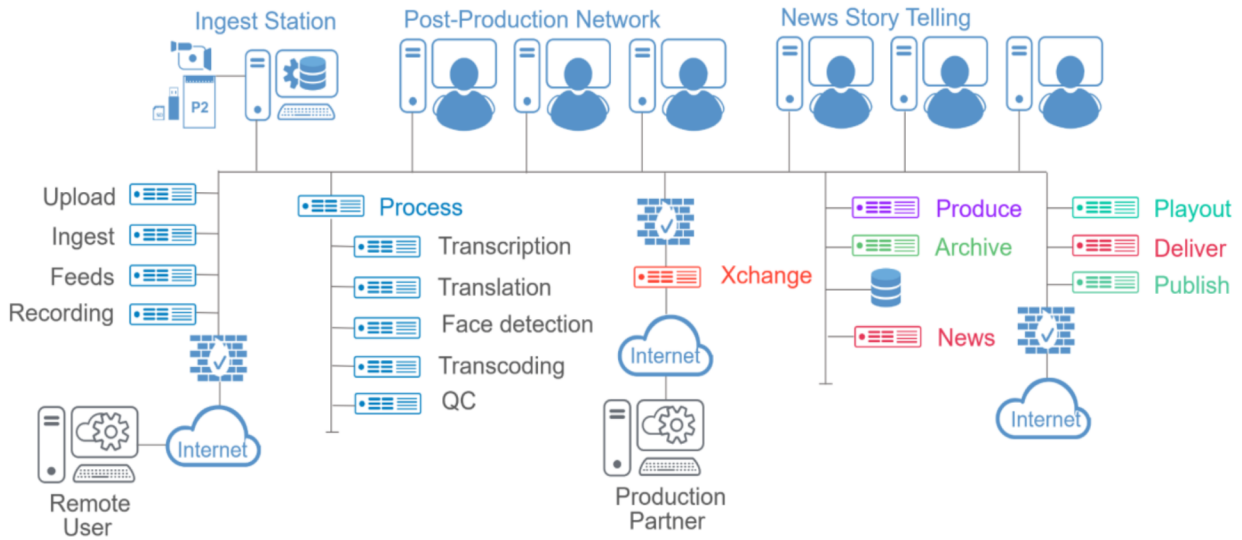
Allow VFX and animation artists to work wherever they choose. With a central production hub for control and visibility, studios can tap into a global pool of creative talent with a remote work model, allowing artists to produce higher-quality work from anywhere in the world.

## 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-Fabrik is a pre-integrated and pre-configured end-to-end solution built to run on-premises, in public or private clouds or hybrid. It's a ready-to-go platform with clear licensing models for post-production and production, content sales and distribution, as well as archiving. It consists of different modules which can be combined or used separately.



X-DREAM-FABRIK Product Network Diagram

## x-dream-Fabrik customers

The platform addresses service providers along the complete media value creation chain like:

- Studio production facilities
- Post-production facilities
- Broadcasters
- Archives
- Agencies
- Publishers

## x-dream-Fabrik business cases

x-dream-Fabrik is focused on the following segments of the media creation and monetization chain:

- Audio/Video/Subtitle Processing
- News gathering & production
- Distributed post- production
- Asset management
- Content supply chain
- Content playout & publishing



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