

# TAG

## Realtime Media Performance

End to end solution for  
monitoring, visualization and  
data driven  
media operations



### Key Applications

**Live Production monitoring** that captures every angle

Build the ultimate in all-IP multiformat live production infrastructures and cloud deployments with virtually unlimited scalability.

- ST-2110, JPEG-XS, NDI and CDI with mixed frame rates and resolutions
- Ultra low latency native-IP true-COTS solution
- Highest UHD density in the industry
- Flexible user defined Mosaic layout and tile generation

**Playout** that's Picture-Perfect

TAG's realtime deep probing across the entire workflow from live sources to encrypted OTT distribution uncovers faults that matter before they matter to your audience.

- Adaptive realtime monitoring and multiviewing display of Uncompressed, Compressed, and OTT sources on the same platform and Mosaic output
- Multiple format and resolutions from SD to UHD
- Full cloud compatibility with AWS and Azure
- True monitoring by exception makes it possible for operators to monitor even more signals

**OTT Delivery** that exceeds audience expectations

Realtime monitoring of OTT delivery systems at extreme scale to assure audience quality of experience

- Cost-effective highly scalable software platform with clients running over 60,000 monitoring nodes in a single system
- Realtime, 24/7 unattended deep content analysis
- End-to-end Monitoring and Viewing of all OTT content (HLS, MPEG-DASH, CMAF, MSS) including uncompressed sources and encrypted delivery
- Adaptive monitoring for extreme scale and optimal utilization of on-prem and cloud computing resources

## All your monitoring needs in one

One solution for all workflows

All uncompressed, compressed & streaming formats

Realtime deep probing and notifications

Decryption and secure transport

Portable [floating licenses](#) let you deploy wherever, whenever

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### Integrations

that make it easy to evolve

Full [JSON API](#) integration with every capability exposed

[NMOS IS-04/05](#) discovery and control support

Complete configuration via [Web UI](#)

TAG MCS- Data aggregation and integration with open source [data visualization tools](#) like Kibana, Grafana and Prometheus

### More Than Monitoring

#### Minimize costs and maximize your resources

- Flexible and agile Capex & Opex licenses
- Runs on COTS hardware enabling rapid adoption of IT technology advancements and capacity performance enhancements
- Adaptive monitoring modes enable massive scale while minimizing costs
- High performance density coupled with optimized instance sizing
- One license- all features- zero obsolescence

#### Deploy anywhere

- On premises, in the cloud and hybrid
- Leverage the rapid pace of IT technology with simple COTS compatibility
- Full compatibility with AWS and Azure cloud platforms
- Align your cost to consumption with flexible OPEX pricing to go with your cloud operation
- Portable floating licenses let you deplot wherever, whenever

#### Streamline your workflow

- Simple to deploy and use, from install to on-air
  - Automatic recording of streams based on defined conditions for subsequent analysis
  - True monitoring by exception with penalty box and adaptive monitoring capabilities
  - Data driven workflow based on powerful MCS insights
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