PRODUCT SHEET

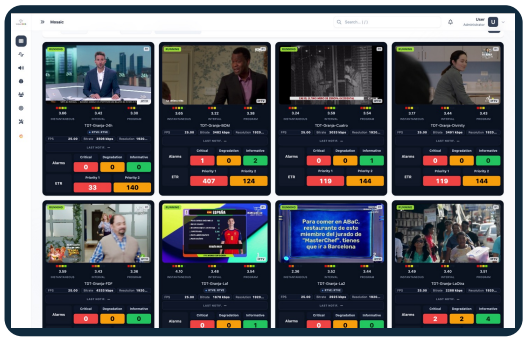
Intelligent QoE monitoring that understands real viewer impact

Detect degradation, understand viewer impact and prioritise action across broadcast, IPTV and OTT workflows.

Not every technical alarm affects the viewer.

Video-MOS combines no-reference MOS/QoE measurement, technical distortion detection and PerceptIQ™ semantic analysis to distinguish critical incidents from real degradation and low-impact events.

No-reference MOS/QoE | PerceptIQ™ semantic analysis | Viewer-impact prioritisation



Measure. Understand. Prioritise.

1 Measure QoE

Assess perceived audio and video quality with no-reference MOS/QoE models.

2 Understand impact

Determine whether the content remains understandable and how the viewer is affected.

3 Prioritise action

Separate critical incidents from degradation and informative events.

Operational benefits

Reduce false alarms

Lower operational noise and avoid unnecessary escalations by focusing on real viewer impact.

Locate quality degradation

Compare contribution, processing, encoding, packaging and distribution points.

Discover hidden QoE problems

Find degradations by channel, programme, content type or monitoring point.

Turn QoE into decisions

Support troubleshooting, SLA reviews, audits and continuous service improvement.

One shared view of service quality

Technical leadership

Service quality and operational risk

Clear evidence of where quality is degraded and what requires investment or action.

Engineering & quality

Investigation and workflow visibility

Programme-level analysis, multi-point comparison and root-cause evidence.

NOC & operations

Triage and prioritisation

Faster decisions with fewer false alarms and clearer incident severity.

See how Video-MOS monitors your real service

Request a technical assessment →

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CAPABILITIES AND COMPATIBILITY

Built for real video workflows

Flexible monitoring from signal acquisition to dashboards, reports and operational integration.

From signals to operational decisions

Inputs
TS/UDP · HLS · DASH
SRT · RTMP · SDI · HDMI

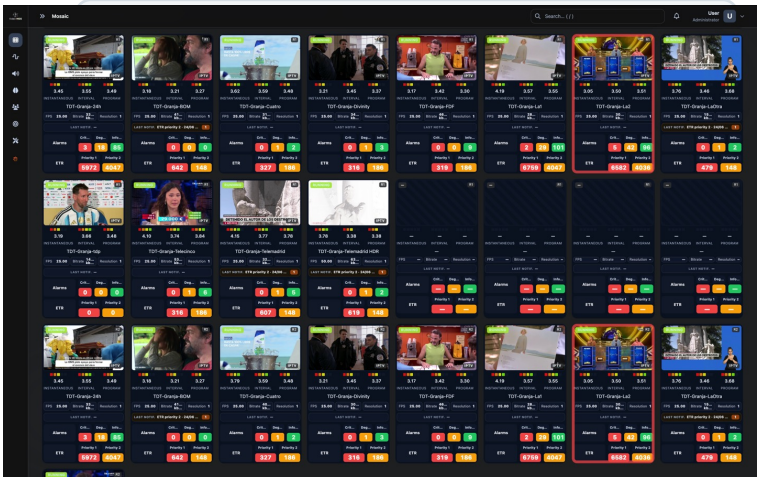
Video-MOS probes
Remote probes
On-premise or cloud-ready

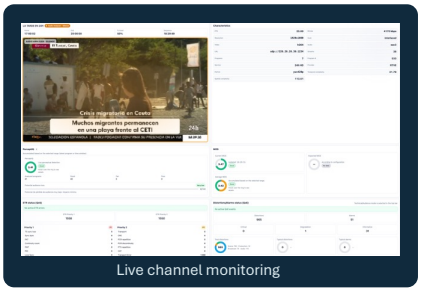
QoE + PerceptIQ™
MOS, distortions and semantic viewer impact

Evidence & action
Alerts, dashboards, reports and API integration

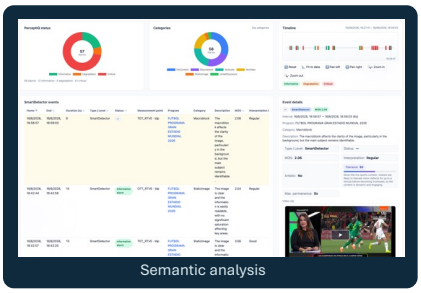
Core capabilities

- **24/7 autonomous QoE monitoring**
  Continuous unattended assessment across live, linear, time-shifted and recorded services.
- **No-reference MOS/QoE estimation**
  AI-based perceived quality measurement without original reference content.
- **Technical distortion detection**
  Detect freezing, black frames, blocking, macroblocking, silence, clipping and more.
- **Semantic viewer-impact analysis**
  Assess whether content remains understandable even when delivery metrics appear correct.
- **Tolerance-based intelligent alerts**
  Prioritise events by severity, duration, context and viewer tolerance.
- **Programme-level reporting**
  Analyse quality by channel, programme, day, monitoring point and time period.




Live channel monitoring


Operational


Semantic analysis

High-value use cases

NOC alarm triage
Classify events by real viewer impact.

Live service monitoring
Monitor broadcast, IPTV and OTT services.

Multi-point analysis
Locate where degradation is introduced.

Complaint investigation
Understand perceived poor quality.

Programme validation
Check events, graphics, audio and rules.

Service improvement
Support SLA reviews and quality planning.

Technical compatibility and deployment

Supported workflows

- TS/UDP, RTP, SRT and RTMP
- HLS, DASH, CMAF and time-shift
- SDI, HDMI, ASI and DVB acquisition

Deployment & integration

- Remote probes, on-premise, cloud-ready or hybrid
- Docker / microservices architecture
- Web interface, REST API, MongoDB and third-party alerting

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