

On-Hertz Artisto with TVU MediaMesh®

Broadcast-grade software audio mixing and AoIP workflows for cloud, on-premises, and hybrid production environments — no hardware required, infinitely scalable.

BROADCAST-GRADE CLOUD AUDIO PRODUCTION

Broadcasters and production teams managing live events, sports, and news require broadcast-grade audio mixing that matches the agility of cloud video workflows. Legacy hardware consoles are expensive, inflexible, and difficult to deploy remotely — creating a critical gap in cloud-native live production.

On-Hertz Artisto with TVU MediaMesh™ solves this by delivering a fully software-based audio production platform integrated directly into the MediaMesh media fabric — giving operators broadcast-grade mixing, monitoring, and AoIP contribution from any browser, anywhere in the world.

SOLUTION OVERVIEW

On-Hertz Artisto

Audio mixer with benefits — fully software audio toolkit with interconnectable nodes for mixing, routing, processing, AoIP contribution, playout and monitoring. Browser-based, API-driven, and scalable.

TVU MediaMesh®

Cloud-first live media infrastructure for contribution, production, and distribution. Artisto attaches as the audio production layer, delivering a unified hardware-free live AV environment.

Together, On-Hertz Artisto and TVU MediaMesh deliver a complete live media workflow with broadcast-grade audio production built in — reducing complexity and infrastructure burden for broadcasters and content distributors of every scale.

- Browser-Based
- ST 2110
- SRT
- NDI
- SIP
- WebRTC
- HLS
- Cloud / VM / On-Prem
- Containerized
- API-Driven
- Modular

HOW IT WORKS

1 Mix & Process in Artisto

Artisto's interconnectable node graph processes audio in real time — mixing, EQ, dynamics, shuffling, and routing — fully controllable via browser UI or API.

2 Visualize & Alert

Operators access role-specific control surfaces from any browser. Artisto fires alerts via API or webhooks the moment thresholds are crossed.

3 Automate and Orchestrate

Artisto's API-driven node graph enables automated workflows, dynamic routing and seamless integration with external systems. Operators can control, trigger, and scale audio processes programmatically across cloud, on-premises and hybrid deployments.

4 Connect Sources via MediaMesh

Live audio streams or file-based sources are ingested into TVU MediaMesh via MXL, SRT, SDI, or NDI — routing into Artisto's processing layer automatically.

AT A GLANCE

- Broadcast audio mixing
- Native ST 2110, SRT, NDI, SIP, WebRTC & HLS
- Browser-based UI — no install required
- Fully containerized & API-driven
- Modular and infinitely scalable
- Ultra-low latency audio contribution
- On-premises, on-demand, or on-the-go
- Monthly or annual subscription

JOINT HIGHLIGHTS

Complete Workflow Visibility

Audio and video in one integrated cloud-native solution — from source to viewer.

Compliance Built In

Browser-based control surfaces accessible anywhere. Instant reporting for SLA, ad delivery and proof-of-performance.

Flexible Deployment

Cloud, on-premises, or hybrid — matches any TVU MediaMesh deployment model.

CONTACT

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SOLUTION USE CASES

Live Sports & News Commentary

Deliver broadcast-grade audio mixing for live sports and news entirely in software alongside TVU MediaMesh video contribution — from any location, via browser.

AoIP Gateway & Protocol Bridging

Bridge ST 2110, SRT, NDI, SIP, and WebRTC natively in the cloud — no hardware converters, no adapters, fully integrated into TVU MediaMesh workflows.

Remote & Distributed Production

Enable distributed teams to mix and monitor audio via browser while TVU MediaMesh routes video — true hardware-free cloud AV production at any scale.

On-Demand Event Production

Scale audio production up or down instantly for any event. Subscription-based access with zero capital expenditure and rapid cloud deployment via TVU MediaMesh.

WHY IT MATTERS

API-Driven Integration

Integrate audio workflows into production systems, control layers, and business processes through open APIs, enabling seamless orchestration across cloud and hybrid environments.

AI-Powered Insight

Artisto's API-driven node graph enables automated and orchestrated workflows — giving operators instant programmatic control over every audio process.

Hardware-Free Operations

Eliminate audio consoles and dedicated hardware entirely. Deploy globally on any infrastructure in minutes, scalable to any production requirement.

Proven at Scale

Leading broadcasters trust On-Hertz for mission-critical live audio production. Future-proof your broadcast and amplify capabilities with on-premises or cloud deployment.

WORKFLOW OVERVIEW — ON-HERTZ ARTISTO + TVU MEDIAMESH®

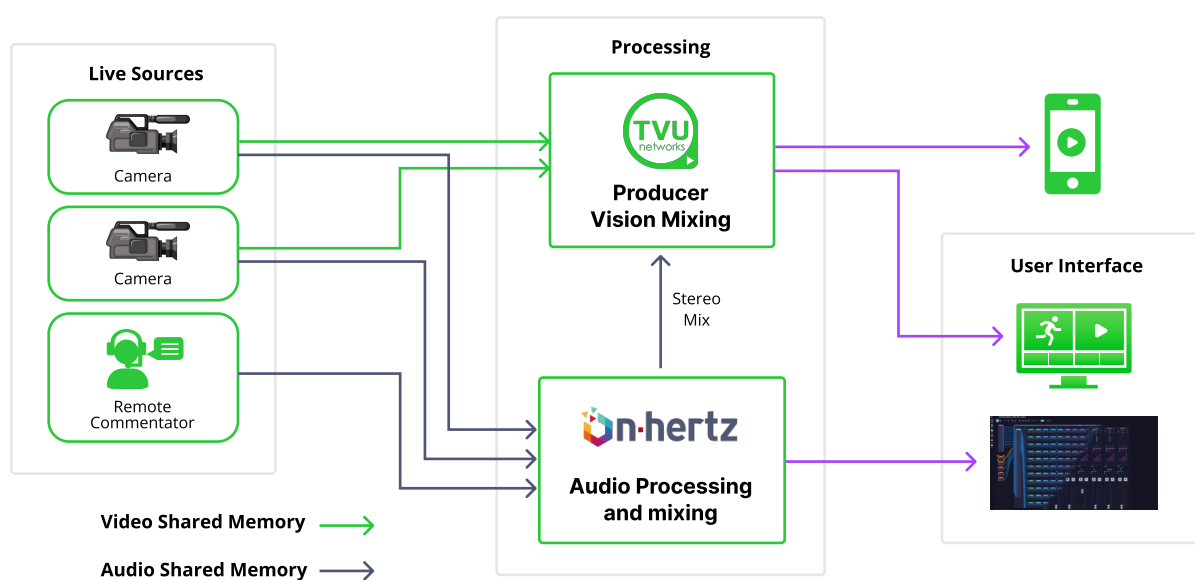


Fig. 1 — On-Hertz Artisto integrates with TVU MediaMesh in real time. From live source contribution through cloud transport, Artisto processes and routes audio seamlessly to any destination via any AoIP protocol.