NETINT
VPU CATEGORY CREATOR
Bitstreams™
The control panel to simplify your streaming
operation and maximize your VPU's performance

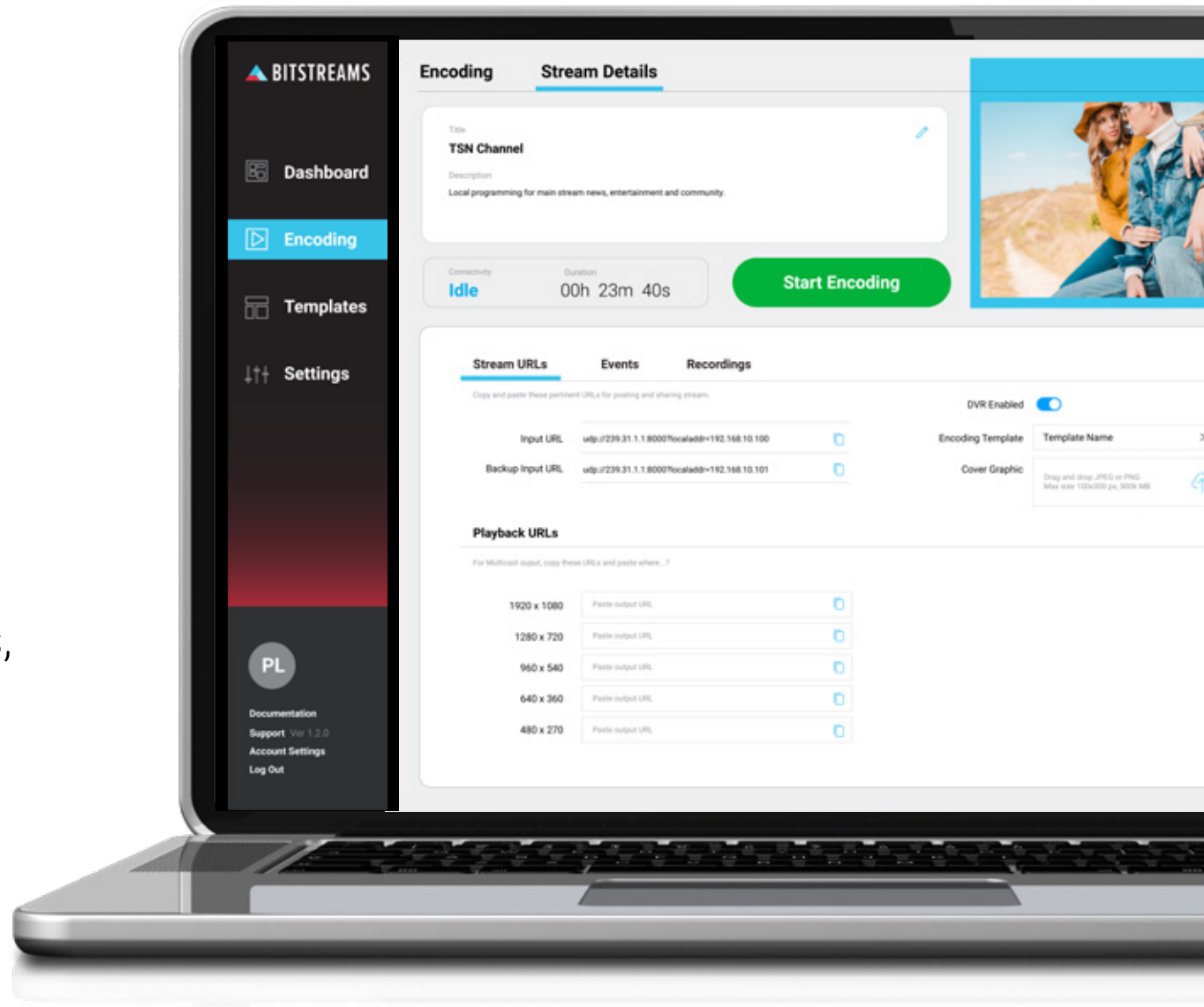
BITSTREAMS

FFmpeg power without the pain

NETINT's Bitstreams™ replaces command lines with a friendly dashboard, ready-made templates, and always-on VPU optimization.

Manage, monitor, and scale live streams effortlessly.

No code. No chaos.
Just streaming simplified.



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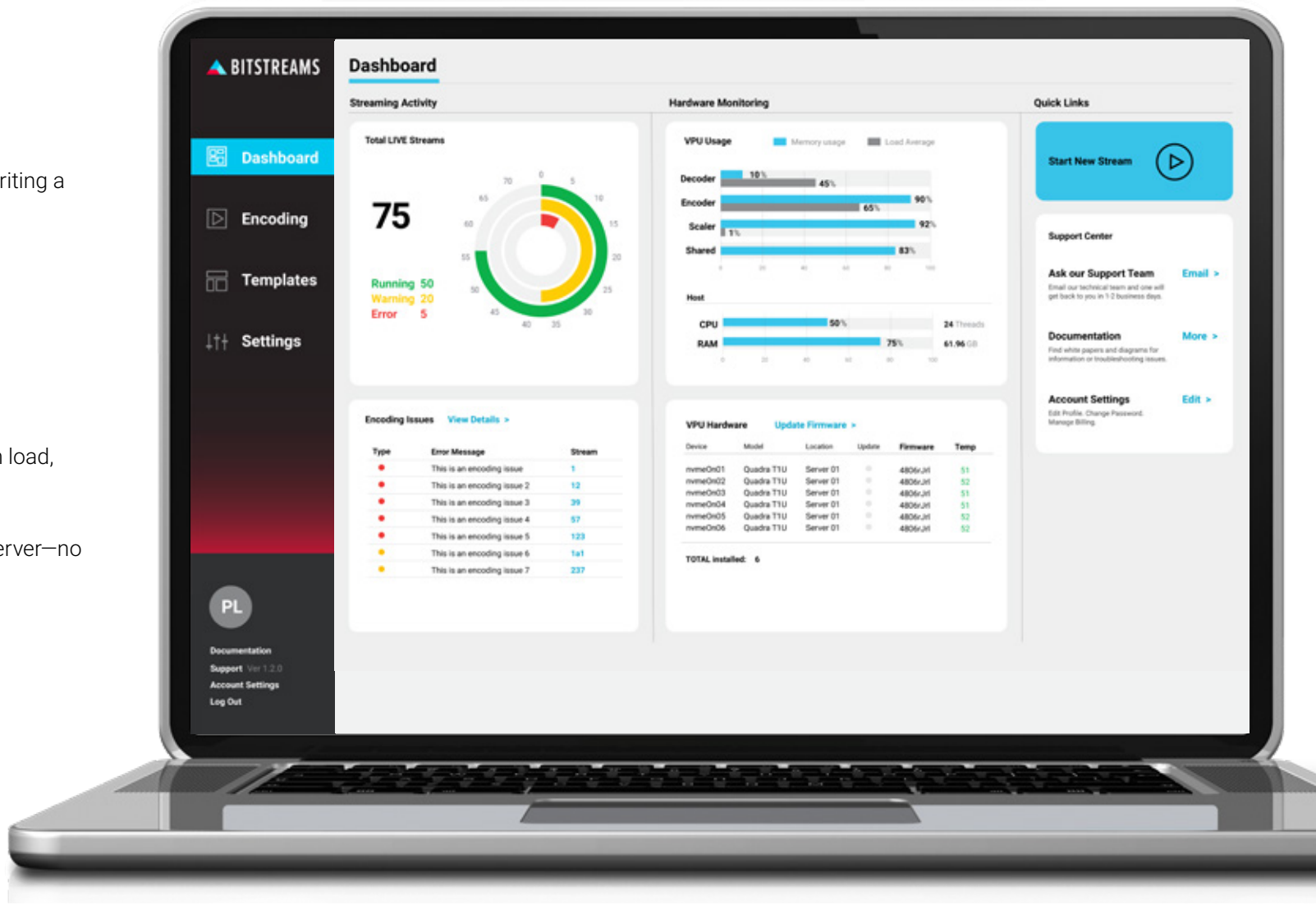
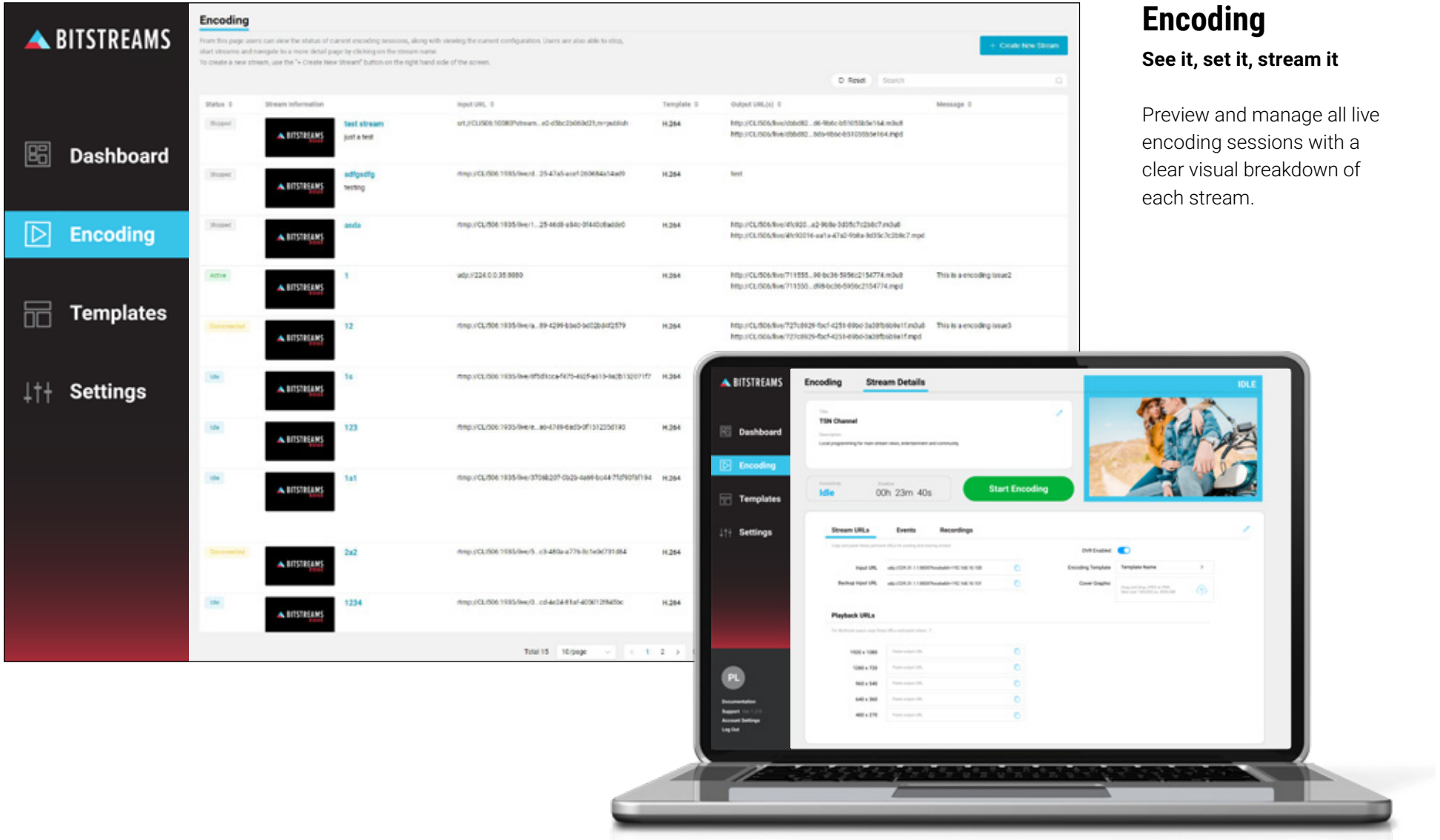
Dashboard View

Command central for your streams

- **FFmpeg power. Zero code.**
  Tap into FFmpeg 7.0 without ever writing a command line
- **Built for non-engineers**
  Streamlined interface designed for operators, not developers
- **Live stream launch in clicks**
  Prebuilt templates make setup fast, repeatable, and foolproof
- **VPU health at a glance**
  Real-time dashboard shows system load, errors, and stream status
- **Preloaded and ready to go**
  Comes installed on every Quadra server—no setup required





Encoding

See it, set it, stream it

Preview and manage all live encoding sessions with a clear visual breakdown of each stream.

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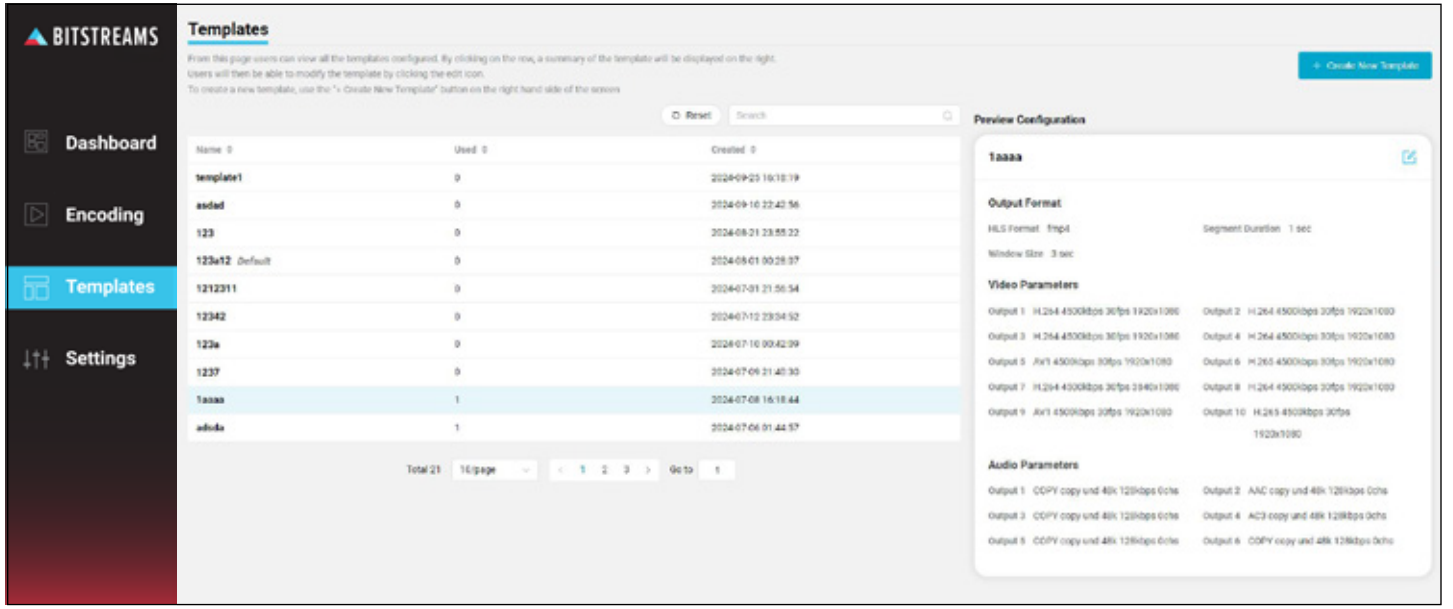

Templates

Set once. Stream often.

Use prebuilt or custom templates to standardize configurations and launch streams faster.

With 5 subtabs of detailed configurations, your streaming schedule is tailored to your needs.

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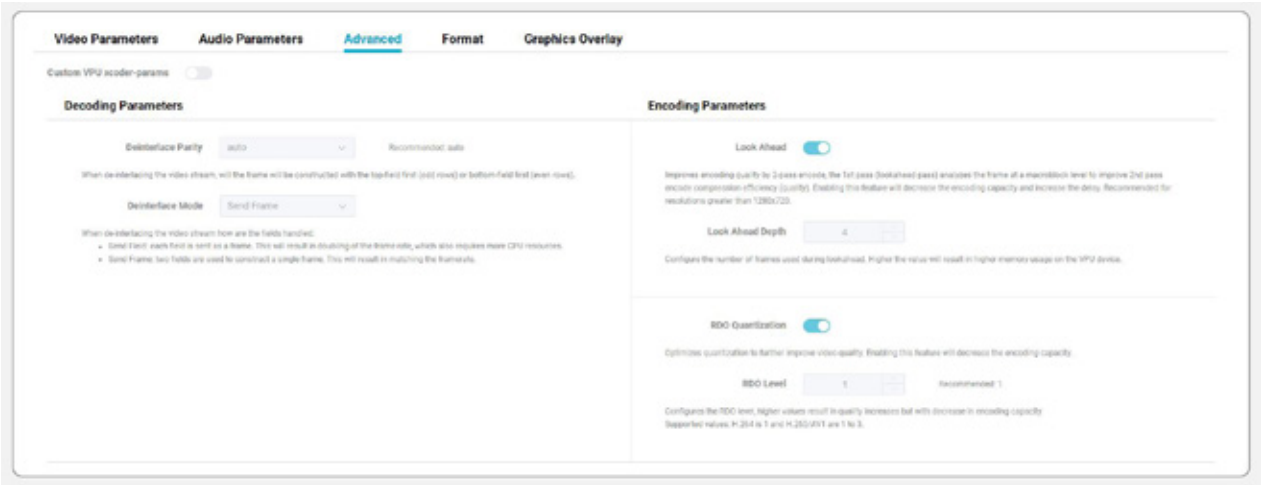

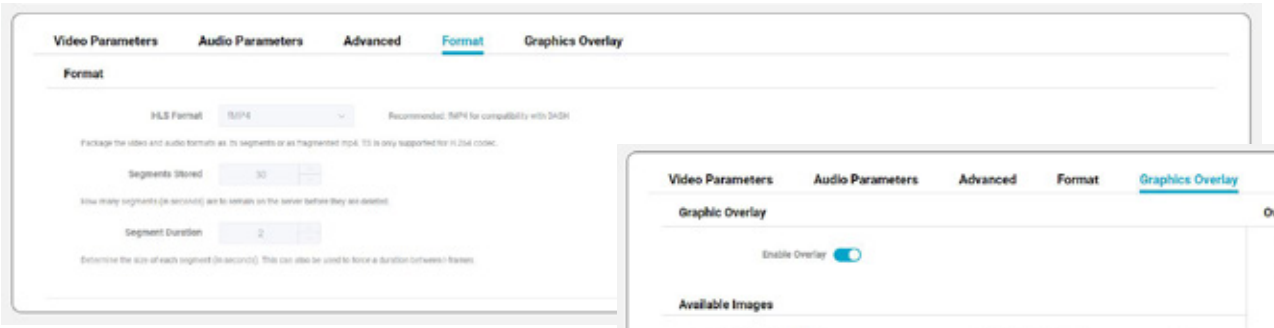

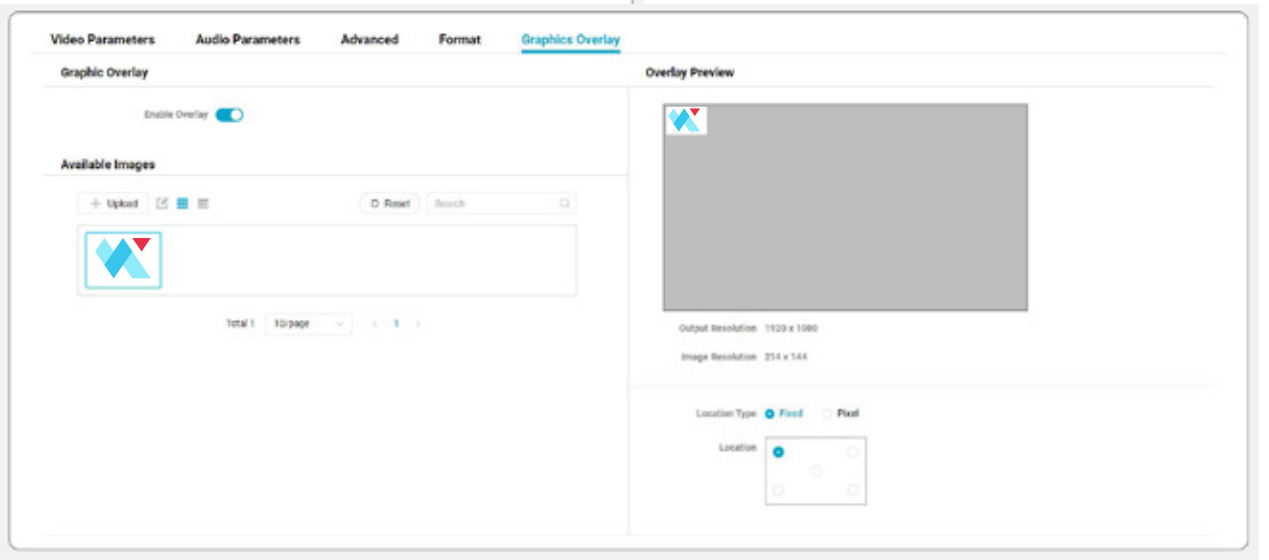

Settings

Advanced power, simple control

Tweak encoding parameters, manage overlays, and customize your setup without touching code.

Upload and manage your graphic library for customizable overlay layouts.

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About Bitstreams

Bitstreams was built for companies that want the power of FFmpeg without requiring a dev team. Designed for edge deployment, it gives teams a code-free way to manage live streams, optimize video workflows, and monitor VPU health—all through an intuitive interface.

Ideal for:

- Streaming platforms without in-house software development
- Service providers, broadcasters, and linear TV operations
- Teams managing on-prem hardware with limited dev resources
- Organizations with compliance requirements and auto-recording needs
- Any business needing powerful tools without building from scratch

Easy to Deploy

- Preloaded on all Quadra Video Servers
- Compatible with existing Quadra and Logan hardware
- Runs on Linux (x86 or ARM) via Docker containers
- Minimal setup—just a few command strings to launch
- Self-managed upgrades during your own maintenance window

System Features:

- Simplified, code-free configuration of FFmpeg 7.0 for non-technicals in wide stream distributions
- Dashboard provides visual quick-check for:
  - Streaming Error Alerts
  - System Health Check
  - CPU/VPU hardware capacity loads
- Generates report logs for stream status
- Preset templates for simplified management of live stream sessions, set once-use many
- Managed through web app or custom API
- Annual subscription model includes:
  - New feature releases, bug fixes, tech support, and failover redundancy

Live Streaming:

- Supports lone-time events with several hour duration
- Input: SRT, RTMP
- Output: Dash/HLS

Live Video Encoding:

- System runs 24/7/365
- Input Support: SRT, RTMP, Dash/HLS, Multicast/UDP
- Output support: Dash/HLS, Multicast/UD
- Records to a file

NETINT

We were first.

We created the VPU category to exponentially reduce costs, shrink server footprint and expand global reach.

100,000
VPUs sold

ONE TRILLION
minutes streamed

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