

Dalet InStream

Dalet InStream brings Dalet's Brio well-recognized ingest capabilities to the cloud, delivering a flexible solution that will scale IP ingest according to your needs while ensuring quality at optimized costs. Dalet InStream is built on a Linux cloud-native architecture.

Integration with Dalet Galaxy five

Manage all of your ingest capabilities in a single app. Pilot Dalet InStream recorders in the cloud and Dalet Brio ingest servers on-premises all from Dalet Galaxy Ingest Timeline Manager for a unified user experience.

Integration with Dalet Flex

Manage IP stream recordings through the browser-based InStream Scheduler app which automatically creates a placeholder within the Dalet Flex media library before recoding begins allowing for metadata population and workflow automation.

Latest releases highlights:

- **Backup recording for InStream**
InStream now supports backup recording for added redundancy. When enabled, two recorders are provisioned to ensure content is preserved in case of failure, enhancing reliability for critical recordings.
- **Update to Matrox SDK & Drivers 10.5**
InStream now supports Matrox SDK and Drivers 10.5, enabling future compatibility with new video formats. Backward compatibility and stability with existing formats are maintained. The feature also integrates Matrox drivers under the recorder container using a new licensing model from Matrox, thereby avoiding temporary timebomb licenses.
- **Support Storage Configuration with Galaxy**
When using InStream with Galaxy and the "Storage & Location" feature is enabled, default storage settings in InStream are used, ensuring alignment and flexibility without relying on static folder paths.
- **Admin UI to Configure InStream**
A new panel in UI for configuring InStream settings without accessing Consul, for administrators only. Enables storage and copier configurations and simplifies management.

From previous recent releases:

- Initialization Service for K8s Cluster
- Alternative Instance Types for Fallback
- MPEG DASH Format Adjustments for Playback from S3
- TCD Copy for Proxy
- Select Instance type when scheduling via API
- Instance Provisioning retry on all available AZs
- Metadata Definition ID at asset creation in Flex
- Generate FFMPEG Video Stream through API

Configuration

Deployment	Inputs & Recordings
<ul style="list-style-type: none">• Full SaaS (hosted and managed by Dalet)	<ul style="list-style-type: none">• Plug as many sources as needed• No hardware related limit on recordings (elastic channels)

Codec/Wrapper

Wrappers	HD (1080i50/59.94)
<ul style="list-style-type: none">• MXF Op1a	<ul style="list-style-type: none">• XDCAM HD 4:2:2 (50 Mb/s)• AVC-Intra Class 100• MPEG-DASH HD
Proxy	
<ul style="list-style-type: none">• MPEG-DASH, MP4	

General Specifications

Video Over IP specifications	Storage	Control
<ul style="list-style-type: none">• 2022-2 / RTP• SRT• RTMP• RTMPS• NEWTEK NDI v5	<ul style="list-style-type: none">• Local EBS• AWS S3 copy• LucidLink	<ul style="list-style-type: none">• Ingest Scheduler API (RESTful)

Integrations	Monitoring	Usage tracking and billing
<ul style="list-style-type: none">• Dalet Galaxy five• Dalet Flex• Dalet Pyramid	<ul style="list-style-type: none">• Source preview (optional)• Rest APIs	<ul style="list-style-type: none">• Monthly invoicing including detailed consumption data



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