Operational AI

Video Streaming & Analytics

Fast video interpretation, analysis and detection

Viasat's Video Streaming & Analytics interprets virtually any operational video and then brings it back to base economically, with world-class encryption and minimized data transfer for confidence in even the most hostile industrial environments.

Our Video Streaming & Analytics suite is the leading solution for bandwidth-optimized video management in industrial and remote-access scenarios. Record, stream and interpret video from any number of cameras of any type or video codec, even from multiple devices with different parameters. Video Streaming & Analytics uses AI to significantly reduce the need for 'eyes-on-glass' monitoring: day and night: looking out 24/7 for intruders, safety incursions and any other key commercial challenges.

And with trigger-based workflows, when Video Streaming & Analytics spots a problem, you can escalate it appropriately, even automating instant responses for safety and operational simplicity. This gives operators the freedom (with a world-class viewing and control interface) to spend their time on high-value, problem-solving activities instead. Video Streaming & Analytics also integrates seamlessly with Viasat's Intelie platform, so that you can bring video and data together, economically from the field, for a "single pane of glass" operational view.

In action

Use cases

› Field operations optimization
› Video monitoring
› Health and Safety
› On-site compliance
› Security
› Remote systems control
› Problem resolution
› ROV/UAV
› Visual Predictive Maintenance

Industries

› Government
› Mining
› Oil & Gas
› On/Offshore Energy
› Transportation
› Utilities

Features

Viewing application: View all sources via any format or codec; in our desktop app with an inbuilt content management system for recording and review.

Live streaming: See everything in your estate at optimal quality, no matter the source.

Native integration with Intelie AI: Video Streaming & Analytics integrates seamlessly with Intelie AI for AI-powered solutions (e.g. PPE checking, trip/fall detection etc.).

Flexible pricing: on a monthly plan or by the GB/TB transfer according to application and business need.

Benefits

Flexibility: Extend the life of legacy camera investments.

Efficiency: Dramatically cut the cost of transmitting video (whether satellite or terrestrial).

Proactive surveillance: Whether for safety, security, maintenance or operational purposes, turn video into a proactive tool which optimizes your response rather than a reactive tool which puts you on the back foot.

ENTERPRISE

Viasat™

Video *Streaming & Analytics*
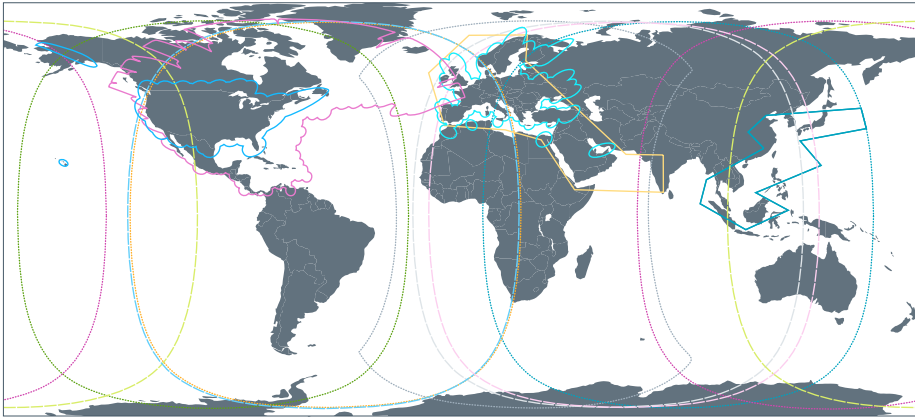**Fast video interpretation, analysis and detection**

Service Plans

Video Streaming & Analytics is built to integrate seamlessly with Viasat's satellite networks; to get your data back to base, fast.

› Purchase capacity on a pre-paid "buckets of data" basis or via friendly monthly plans.

› Your capacity allocation can range from 5GB to 10's of TBs according to the needs of your business; with simple GB increments.

› Buy equipment directly through Viasat for our tried-and-tested, secure technology stack.

Powered by Viasat's coverage

Video Streaming & Analytics brings your video sources back in real-time, on IP, open internet, or of course our world-class satellite network.

For illustrative purposes only. Coverage is approximate and subject to change. Not representative of any single product or service.

Video Streaming & Analytics brings almost any video home, from anywhere:

› High video quality

› Average bandwidth usage **<200Kbps** - ideal for economical satcom

› **Consistent** and p**redictable** bandwidth utilisation

› **Minimal** video frame loss

› Supports **CCTV, analog, IP, thermal, drones, wearables, ROVs, diver units** and more

- **Any camera equipment**
- **Any feed**
- **Any transmission route**
- **Any cloud**
- **Real-time monitoring**
- **View, record, store**
- **AI-powered alerting**
- **Proactive surveillance**
- **One pane of glass for surveillance**

A secure, tested and consistent hardware profile

At Viasat we've built our business on getting data securely from the world's most inhospitable places back to HQ; and Video Streaming & Analytics is no exception. Our tried-and-tested edge server and data collection hardware choices are recommended by Viasat's 24/7 cybersecurity team and shared with Viasat Intelie AI for consistent, secure end-to-end data aggregation.

Discover how Viasat's Video Streaming & Analytics can help you to record, stream and interpret video to make your operations safer, smarter and more secure than ever before.

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