

Smarter Analytics. Predictive Insight. Operational Impact.

As video streaming grows in scale and complexity, data has become critical to managing performance, controlling costs and delivering a high-quality viewer experience.

Velocix Analytics brings AI-driven intelligence to the entire delivery chain, providing real-time visibility across CDN traffic, origins and playback platforms, all in a single solution.

With predictive AI models, real-time anomaly detection and fast access to current and historical data, Velocix Analytics gives operators the insight needed to detect issues early, forecast demand accurately and create fully customised dashboards to monitor performance at every level.



Intelligence you can see

Velocix Analytics turns complex video data into clear, actionable insight. With real-time anomaly detection and AI-driven models that forecast change, you can see what's happening, understand why it matters, and act quickly with precision



Why Velocix Analytics

Everything in one platform
Bring observability, business intelligence, troubleshooting and monitoring together in one platform, so you can quickly identify issues, investigate root causes and maintain full visibility without managing multiple analytics tools.

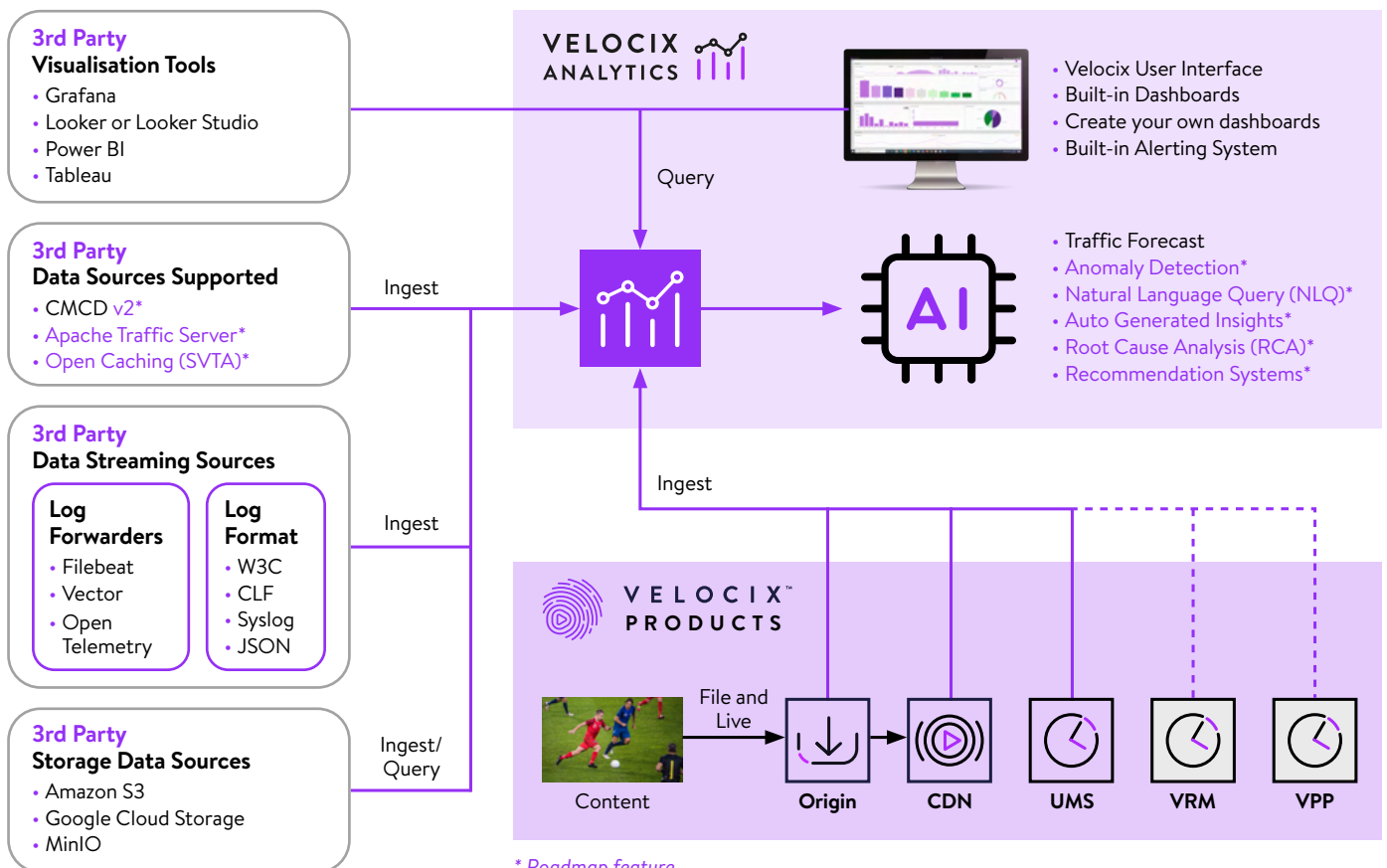
Standards-based data ingestion
Processes data in formats including CMCD, CMSD and ATS logs, with seamless integration using log forwarders like Filebeat, Vector and OpenTelemetry.

AI-powered performance
Use predictive AI models and real-time anomaly detection to spot emerging issues early, manage network traffic more efficiently and protect the viewer experience.

Multi-tenancy made simple
Manage multiple business units, brands or customers on a single platform, with secure data isolation and shared infrastructure that scales.

Optimised storage and processing
Store data nearly 20 times more efficiently and run queries up to five times faster than Elasticsearch, cutting infrastructure costs and scaling performance as data volumes grow.

Deploy your way
Choose the deployment approach that fits your needs: fully managed SaaS, self-managed IaaS, or On-Premises.



Features & Benefits

| Feature | Benefit |
|---------------------------------|--|
| AI-powered Insights | Predict traffic patterns and detect anomalies using AI models for smarter, proactive operation. |
| Real-time Data | Access streaming data with thirty second average latency for immediate operational visibility |
| Alerting & Reporting | Create your own custom alerts via email, webhooks, and design your own reports. Detect and respond faster to anomalies. |
| Tiered Storage Option | S3-based tiered storage enables cost-optimised data retention across hot, warm, and cold tiers |
| Time-Series Aggregation | Aggregate data across minute, hourly and daily intervals for forecasting, capacity planning and full visibility across all key metrics |
| Custom Dashboards | Build your own dashboards with total freedom |
| Third-Party Visualisation Tools | Built-in support for Grafana, Looker, Power BI, Tableau, and other BI platforms |
| Data Streaming Ingestion | Seamless integration with Filebeat, Vector, and OpenTelemetry pipelines |
| Industry standards support | Native compatibility with CMCD, CMSD, ATS logs |
| Third-Party Data Integration | Integrate external data sources using log forwarders or direct access to object storage like S3, GCS and MinIO. |

Deployment Flexibility

Velocix Analytics supports a broad range of infrastructure and licensing options to meet every organisation's needs:

- **SaaS:** Launch in weeks with cloud-native resilience and elastic scaling.
- **IaaS:** Deploy on your preferred cloud infrastructure with complete control.
- **On-Prem:** Host on your own servers for maximum data governance and security.

Choose the model that fits your architecture, security policies and operational needs.

