

Orchestrate cloud DVR & time-shifted video services

Free consumers to watch on their own timetable.

Fast-forward your video business by giving consumers the power to capture live TV and file-based content in the network, rather than a dusty and failure-prone DVR box. Enrich your multi-screen service offering by letting users watch personal recordings whenever and however they want, on any connected screen. With Velocix Recording Manager (VRM) you can deploy innovative time-shifted video applications, like cloud DVR, catch-up TV, and start-over, that enhance the Pay TV value proposition and create profitable new revenue streams.



Robust recording features

Manage recordings, content lifecycles, service attributes, and upsell opportunities for large-scale Cloud DVR and time-shifted video deployments.



Fast and flexible deployment

Launch rapidly with our fully-hosted SaaS platform or deploy a dedicated software instance on bare-metal, private, or public cloud infrastructure.



Multi-supplier integration

Integrate different recording engine, storage, and middleware brands together to preserve legacy investments and break free of vendor lock-in.



Cost-efficient Cloud DVR

Save money and satisfy content rights obligations with private-copy, shared-copy, and hybrid recording models that minimise scale-out costs.

“We needed a solution that was proven to perform at scale and that would give us the flexibility to evolve our video services rapidly.”

Evam de Freitas, Vice President Product & Technology
Liberty Latin America

Enable DVR on every device

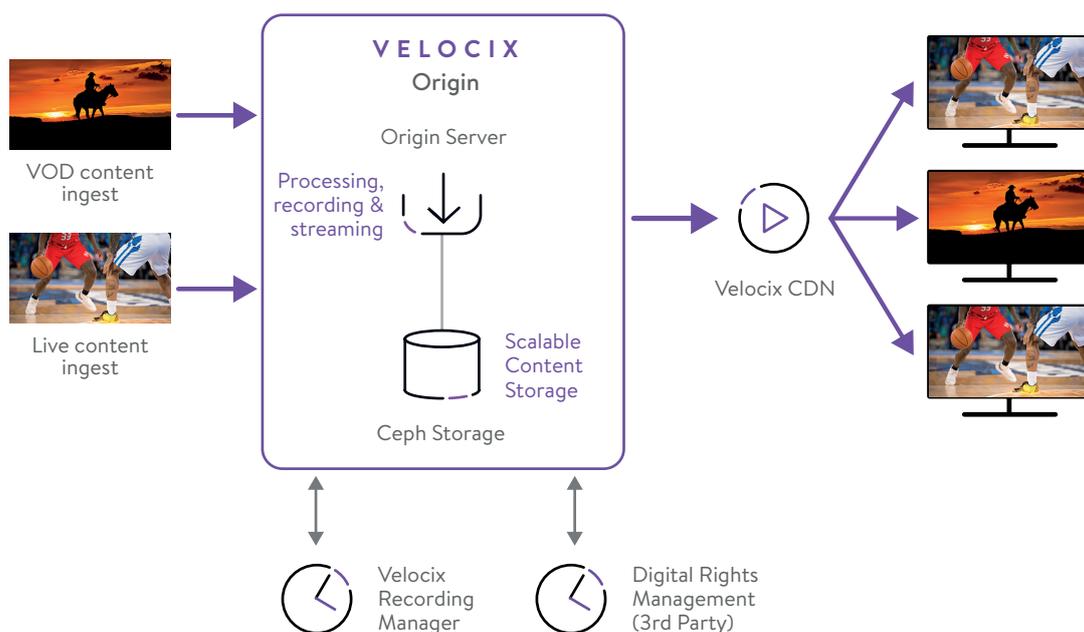
Use Velocix's Emmy Award winning Cloud DVR to provide consumers with access to personalised recordings on connected TVs, smart phones, tablets, and other devices. Advanced multi-screen administration features allow users to start playback on one screen and resume on another using configurable bookmarking.

You can also set rules to control how many simultaneous recordings can be initiated, how much storage capacity is available, and how the service functions for each individual user. Unlock new subscription revenue with upsell features that give users the ability to customise their service. With VRM, you have the advanced features you need to make every video experience more personal.



Cloud DVR features

- Configurable storage and recording quotas
- Multi-screen bookmarking
- User and operator defined recording schedules
- Series recording
- Sliding windows (EPG correction)
- Configurable trick-mode restrictions
- Private-copy, shared-copy, and hybrid recording methodologies
- Upsell opportunities



Velocix Recording Manager integrates seamlessly with Velocix Origin and Velocix CDN to provide an advanced time-shifted content delivery capability with software-defined storage for limitless capacity



Catapult to the cloud

When you need to get to market fast with a full-featured time-shifted video or network-based DVR service, use cloud-based VRM to expedite your launch timetable and save on start-up costs. VRM is available as a turn-key recording management service that can be fully-hosted, managed, and maintained by a team of Velocix experts. We can help you get integrated, launched, and operational in record time, so you can start adding customers and generating revenue as soon as possible.

Multi-tenant architecture

Take advantage of VRM's multi-tenancy capabilities to deploy time-shifted video services across multiple sites or operating companies using a common software instance. Multi-site services can be run using shared configuration parameters that ensure a consistent set of features are available at all locations. Unique site-specific attributes can also be supported when there are local or regional requirements that differ from the shared service profile. With multi-tenancy, service operators can save money by reducing redundant infrastructure and related operational costs at each site, while retaining the flexibility of a dedicated system deployment.

Pay as you go pricing

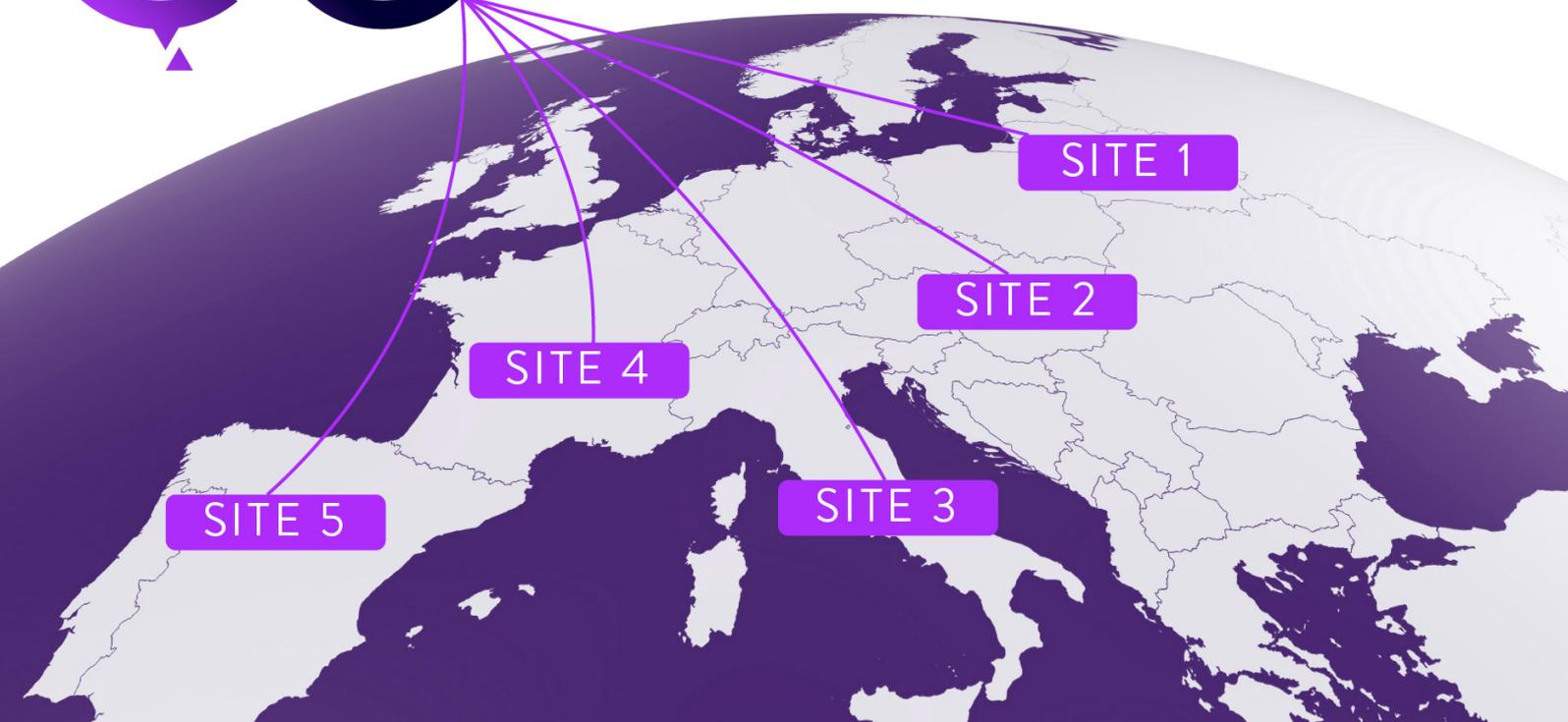
Start small with VRM's budget-conscious pay-as-you-go pricing. License only what you need now, then scale recording capacity over time to support your growing business. Align costs with revenues to reduce financial risk and use flexible on-demand rates to respond to unexpected changes in consumer demand.

Full VRM functionality

Employ full-range VRM functionality to attract new subscribers and retain existing ones. Cloud-based VRM includes all the same market-leading capabilities as the on-premises version, such as multi-screen bookmarking, private and shared-copy recording, configurable recording and storage quotas, and cost-optimising deduplication features. In addition, Velocix employs VRM's cloud-native redundancy and geo-resiliency features to provide carrier-grade reliability and performance at all times.



Administer multi-site recording services and unify fragmented network architectures



Reduce recording costs

Capture live video content in the most cost effective way, while remaining in compliance with local regulations and content rights obligations. With VRM you can set-up your Cloud DVR system to support private-copy, shared-copy, or a hybrid architecture that intelligently manages the recording and storage process by channel, content type, or program. Optimise storage costs by managing content placement and replication across multiple storage performance tiers based on usage, age, and other factors.

Cost saving features

- Intelligent storage-tiering that balances performance versus cost
- Advanced data deduplication to reduce content replication
- Multi-recorder features to foster competition and drive down infrastructure costs

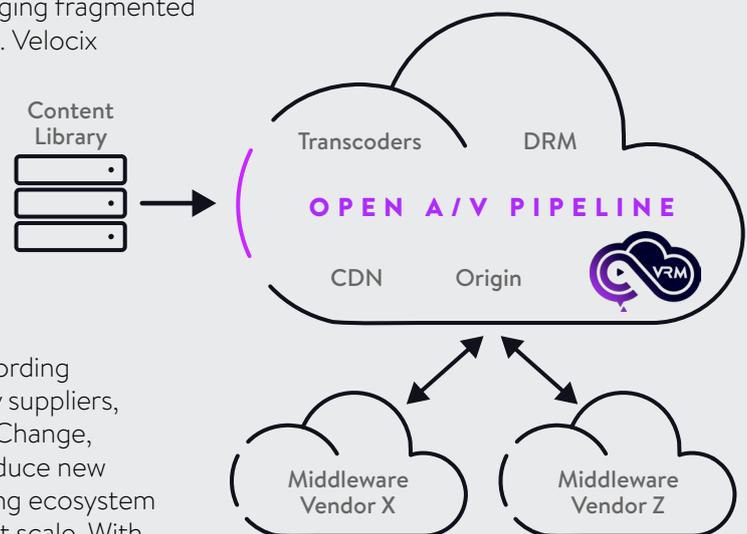
Simplify recording workflows

Operating large-scale, multi-site video recording services can be challenging, even for the most experienced team. With a unique mix of technology suppliers and application requirements at each site, service providers often find themselves managing fragmented recording architectures that are costly to maintain. Velocix Recording Manager provides a way for operators to standardise the administration of multi-site recording architectures while retaining the ability to support site-specific requirements.

Multi-vendor integration

Streamline complex video recording workflows by integrating technology solutions from multiple suppliers under a common control plane. VRM is pre-integrated with the latest middleware and recording engine solutions from industry-leading technology suppliers, including Velocix, MediaKind, Huawei, Kaltura, SeaChange, and others. Using open APIs, VRM can easily introduce new platforms to create a best-of-breed video recording ecosystem that is cost-effective, flexible, and ready to support scale. With this open A/V pipeline, operators have an opportunity to break free of vendor lock-in and support healthy supplier relationships.

Open audio-video pipeline with multi-vendor content delivery and recording ecosystem



Key features

Streaming applications supported

- Live
- Video on demand
- Pause live / restart / catch-up
- Cloud DVR

Recording modes supported

- Private-copy
- Shared-copy
- Hybrid recording off-net (private or public cloud)

Ecosystem integration

- Fully open APIs for rapid integration

Key functionalities

- Multi-screen recording allows playback to start on one screen and resume on another
- Series recording
- Sliding windows (EPG correction)
- Configurable trick-mode restrictions
- Advanced data deduplication to reduce content replication
- Intelligent storage-tiering

Video formats supported

- CMAF
- HLS
- Microsoft Smooth
- MPEG-DASH
- MPEG-TS

Integration with other Velocix software

- Velocix CDN
- Velocix Origin
- Velocix Personalization Platform
- Velocix Multicast ABR
- Velocix Analytics