Synamedia

Protect Your Revenue Over Primary Distribution and Pay TV Services

Synamedia's vDCM Scrambler is a converged, pure software solution that protects media content over primary distribution and broadcast transmissions across any network. A comprehensive, high-performance and flexible solution, vDCM Scrambler optimises your operational efficiency and secures your revenue. Suitable for any infrastructure, it is designed to run on-premises as a software-defined appliance, or on a public cloud or private cloud to drive business agility.

Highest Security Standards and Performance

vDCM Scrambler ensures the highest standard of protection for your content. First, it supports the largest set of encryption algorithms, including DVB CSA v3. Second, it is pre-integrated with over 20 conditional access systems (CAS), including all DVB SimulCrypt-compliant systems, to handle the largest number of simultaneous scrambled services. And by leveraging Synamedia's longstanding leadership position in video security, the solution's high availability and system hardening help you maintain business continuity.

Delivering industry-best throughput, the high-performance scrambler easily scales processing capacity thanks to a flexible licencing model. Equipped with an intuitive user interface, vDCM Scrambler enables you to add services and features for greater revenue opportunities.

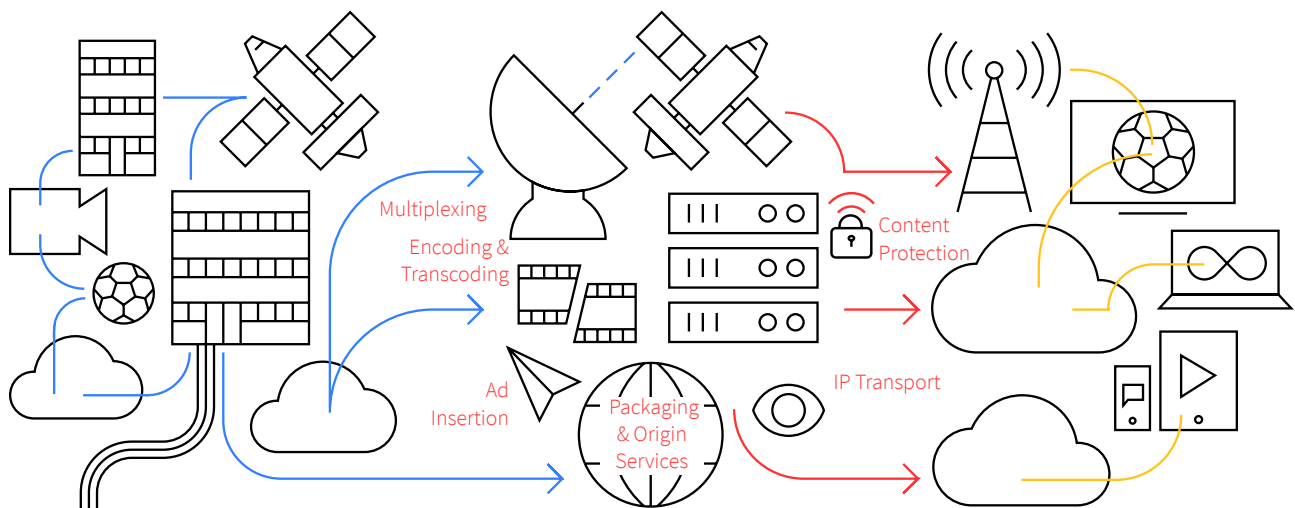## Take your Business to the Next Level

Synamedia's vDCM is the industry's most comprehensive video processing platform. Covering all processing functions – from grooming/multiplexing, through encoding and transcoding, to packaging and IP transport – vDCM is a software-centric application on a single converged platform. Featuring advanced video and audio codecs while supporting all ABR streaming and packaging formats, vDCM boosts your business in multiple ways.

At the heart of Synamedia's video network portfolio, vDCM optimises bandwidth usage and latency to deliver true live personalised video experiences in pristine quality. With a 20-year proven track record, the end-to-end vDCM platform enables you to build highly dependable and available workflows for 24/7 processing. Offering the industry's richest feature set, Synamedia's market-leading vDCM is a scalable service that you can trust.

Highlights

- Addresses primary distribution and pay TV consumer services

- Leverages highly optimised scrambling algorithm implementations for higher performance

- Raises the level of protection through system hardening

- Deploys multiple resiliency mechanisms

- Simplifies output configuration with easy-to-use GUI

- Leverages multiple deployment models

Video Network Chain

Features and Benefits

Offer the broadest encryption coverage

- Supports largest set of encryption algorithms to protect primary distribution links or high-value pay TV assets
- Seamlessly works with over 20 CAS to handle multiple vendors in a single service
- Utilizes embedded ECMG to integrate plug-and-play PowerKey solution

Optimise your operational efficiency and flexibility

- Leverages multiple deployment options to drive business agility
- Takes advantage of flexible licencing model to easily scale processing capacity and extend your feature set
- Utilises intuitive GUI to configure DVB SimulCrypt EMMG, ECMG and EIS interfaces and add new services

Secure and optimize your revenue

- Offers various resiliency mechanisms, including control word synchronization and load balancing, to ensure business continuity
- Deploys holistic security approach, continuous updates, and system hardening to meet highest content owner requirements

About Synamedia Video Network Solutions

Synamedia's video network solutions enable media, web and pay TV providers to deliver pristine-quality broadcast and broadband video securely over any network to any screen. Anchored by the industry's most comprehensive processing platform and built with high-quality standards, our solutions ensure outstanding performance and reliability for over 1,000 customers worldwide. Synamedia's solution portfolio covers the entire video network chain – from distribution, through processing, to delivery – enabling you to offer outstanding value-added and personalised experiences while saving costs.

Next Steps

Learn more about Synamedia's video network solutions.

For more information, contact us.

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