

A background image of a man with glasses and a beard, smiling and holding a bowl of popcorn, sitting in a library or bookstore. A large, warm light source is visible in the background, creating a cozy atmosphere.

Break Free from CAS Vendor Lock-In

Secure, cost-effective over-the-air CAS retrofit solution that lowers maintenance costs and simplifies operations

The Verimatrix VCAS™ DVB ReAccess logo, featuring a stylized 'V' shape composed of two purple curved segments.

**Verimatrix
VCAS™ DVB
ReAccess**

PRODUCT BRIEF



VERIMATRIX DVB REACCESS

Eliminate CAS Vendor Lock-in and Lower Maintenance Costs

Despite rising internet connectivity, DVB services still reach millions globally due to their scalability and extensive coverage. However, satellite TV growth has stagnated. Replacing large-scale DVB operations is costly and complex, requiring significant time and user adoption. This shift pushes DVB providers to enhance cost efficiency while meeting performance, security, and support demands.

Traditionally, one-way DVB networks relied on Conditional Access (CAS) providers, making it nearly impossible to remove these dependencies after a certain deployment scale, until now.

DVB ReAccess - Over-the-Air CAS Retrofit Solution

One-way networks, such as broadcast satellite providers, lack bidirectional handshakes to identify and authenticate client devices authorized to decrypt content. Instead, content access relies entirely on the Conditional Access System (CAS) implementation to grant or deny access to consumer devices.

The security of this content depends heavily on the robustness and resilience of the CAS, which is traditionally anchored within the device's hardware and supported by various chipset security features. This hardware dependency presents a significant challenge when attempting to replace the CAS through an over-the-air (OTA) software update while maintaining the same level of security.

Verimatrix DVB ReAccess addresses this challenge with advanced, customized software-based protection technologies, including Verimatrix XTD code protection and XTD Whitebox cryptography. By employing software-based security measures, the solution reduces hardware dependencies and simplifies implementation. This combination of reduced hardware reliance and robust, customized code protection enables service providers to replace an incumbent CAS without requiring device swaps or physical interventions. The minimal impact on operations and logistics makes CAS replacement both financially and technically efficient.

Security Features

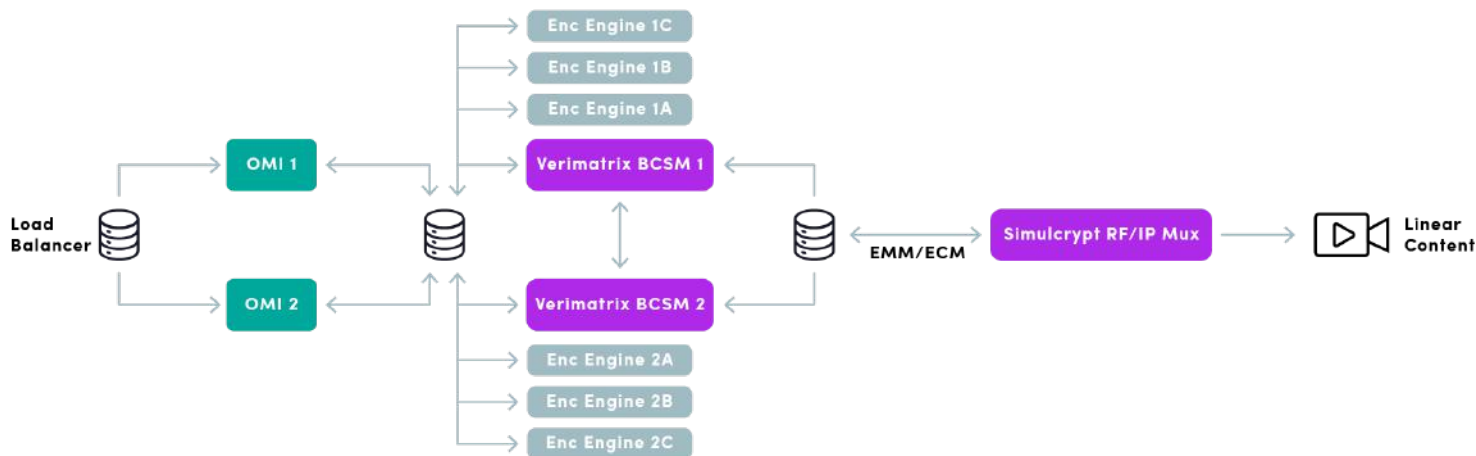
Verimatrix DVB ReAccess leverages state-of-the-art security technologies, including Verimatrix XTD Whitebox cryptography, combined with extensive security expertise gained from supporting some of the largest DVB deployments worldwide.

To validate its security capabilities, Verimatrix engaged Cartesian to perform a Farncombe Security® Audit of DVB ReAccess. The audit confirmed that DVB ReAccess offers security levels comparable to the best-in-class software CAS solutions, providing broadcast satellite providers and other stakeholders with unparalleled confidence in the protection of their content.

Efficient Operational Deployment

The primary advantage of DVB ReAccess is its enabling over-the-air (OTA) deployment of an updated CAS. The solution is delivered as a head-end Verimatrix VCAS DVB product and a dedicated software tailored to each set-top box (STB) model already deployed with the incumbent CAS.

Given the OTA deployment penetration rate, existing CAS systems will continue to operate in simulcrypt with the Verimatrix VCAS DVB solution, as illustrated in the following diagram.



Once the OTA update is deployed via satellite, the STB software is updated accordingly. Depending on device reachability and satellite bandwidth allocation, the legacy CAS solution can be decommissioned within a few weeks, simplifying the ecosystem and significantly reducing operating costs.



Advanced Security Features

To enhance protection against stream ripping and unauthorized recording, the DVB ReAccess solution supports watermarking and fingerprinting as integral components of the VCAS DVB product ecosystem.

Global Reach with Localized Support

Benefit from Verimatrix's extensive global presence, backed by local, round-the-clock support. Our team ensures a smooth integration process and ongoing assistance, making the transition to a more sophisticated and flexible streaming service effortless.

Leverage the Verimatrix Partner Ecosystem

Verimatrix thrives on a robust network of strategic alliances with leading pay-TV technology providers and Consumer Electronics (CE) manufacturers. These partnerships focus on ensuring seamless integration, operational ease, and enhanced value for our customers. Our ecosystem encompasses a wide range of industry specialists, from content aggregation and system integration, middleware systems, to hardware manufacturers like set-top boxes and smart devices. This broad and dynamic network allows Verimatrix to offer innovative, pre-integrated solutions, aligning with both current and future market demands.



About Verimatrix

Verimatrix (Euronext Paris: VMX) helps power the modern connected world with security made for people. We protect digital content, applications, and devices with intuitive, people-centered and frictionless security. Leading brands turn to Verimatrix to secure everything from premium movies and live streaming sports, to sensitive financial and healthcare data, to mission-critical mobile applications. We enable the trusted connections our customers depend on to deliver compelling content and experiences to millions of consumers around the world. Verimatrix helps partners get to market faster, scale easily, protect valuable revenue streams, and win new business. To learn more, visit www.verimatrix.com.



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