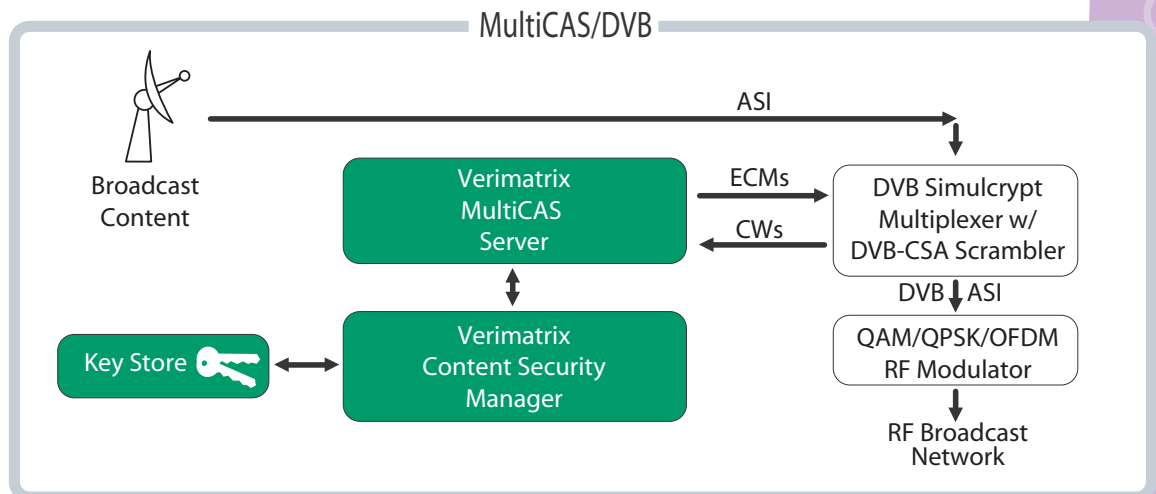


Unified Content Security for Hybrid Networks

The Verimatrix MultiCAS server is a key option within the Video Content Authority System (VCAS) that integrates high performance pay-TV head-end equipment with robust software-based content security. MultiCAS/DVB enables the creation of a unified content security system that can be used with a hybrid DVB-C, DVB-S, DVB-T, DVB-H or DMB broadcast and a VCAS-secured IPTV network. This hybrid network configuration enables operators to reap the benefits of low cost, software-based security in their set-top boxes (STBs) and supplement their broadcast services with compelling, interactive Video-on-Demand (VOD) offerings employing the same robust content security system.

MultiCAS uses standardized DVB Simulcrypt to enable VCAS-compatible encryption of broadcast content concurrent with existing, traditional conditional access systems. A key benefit for pay-TV operators is the ability to transition their existing subscribers to a more advanced security system supporting higher value services without disrupting existing revenue streams.

MultiCAS interfaces directly with DVB Simulcrypt-compatible video, audio and data multiplexer equipment from leading head-end vendors.



Features

Platform OS	Solaris 10, Linux (RHE v4/5)
Head-end interfaces	Compliant to DVB Simulcrypt
Key mutation rate	User selectable per stream, up to 2/sec
Content encryption	64 bit DVB-CSA
Capacity	128 channels per multiplexer/streamer
Network Management	SNMP
Equipment compatibility	Adtec Digital, Harmonic, Scientific Atlanta (a Cisco company), Tandberg Television, Thomson and other vendors supporting DVB Simulcrypt.

Within a Simulcrypt equipped head-end, the timing of key change intervals and other service parameters are managed directly through the multiplexer interface, while MultiCAS inserts VCAS formatted ECM packets within the transport stream to support client service decryption.