ARRIS

ARRIS TITANIUM CAS

Seamless DVB broadcast and IP network content security

PRODUCT OVERVIEW

ARRIS TITANIUM CAS is a secure software Conditional Access (CA) system for DVB Pay-TV networks which eliminates the need for smartcards. ARRIS has invested heavily in software security and as a result, can provide industry leading levels of content protection. Combined with the inherent security recovery advantages of the software, ARRIS TITANIUM CAS reduces the operator's total cost of ownership while maintaining uncompromised levels of security.

ARRIS TITANIUM CAS optimises costs throughout the entire system, from initial capital costs, logistics, deployment time, new feature introduction, and maintenance. Our secure software based CA reduces costs compared to card-based CA systems (contact us to discuss your possible savings). The ease with which it integrates with middleware, set-tops and back-end systems is also a significant cost-saving factor.

ARRIS TITANIUM CAS is fully DVB-compliant, meaning customers can deploy ARRIS TITANIUM CAS without jeopardising their existing investments. Both in the head-end and the set-top, ARRIS TITANIUM CAS can co-exist with or easily replace any other legacy CA system while providing increased flexibility reducing the total cost of ownership.

Part of ARRIS MultiTrust™ Advanced Rights Manager

ARRIS MultiTrust™ Advanced Rights Manager gives the operator total control and complete flexibility in managing and securing their content. It also provides a comprehensive recovery and migration system that can adapt to changing technologies over long-term investment periods needed by today's multi-platform operators.

KEY FEATURES

Cardless, secure, software based Conditional Access

Approved by all major content providers

Supports current Pay-TV business models

Advanced operator management system providing configuration, monitoring and reporting functionality

Proactive system monitoring and diagnostics

Powered by ARRIS MultiTrust™ delivering a unified approach for broadcast and over-the-top services

Supports DVB Simulcrypt

DVB Broadcast Networks

ARRIS TITANIUM CAS is a secure software Conditional Access (CA) system for DVB Pay-TV networks, eliminating the need for smartcards. ARRIS TITANIUM CAS is compliant with the DVB Simulcrypt interface and will coexist with other DVB CA systems supporting migration and replacement scenarios.

IP Networks

ARRIS TITANIUM CAS for IPTV deployments shares common security technology with the ARRIS DVB Broadcast solution; it provides support for IPTV standards and the highest expected levels of content security. ARRIS has pioneered techniques which leverage the features of a two-way network to enhance the subscriber experience and create a system which is designed specifically for IPTV deployments.

ARRIS TITANIUM CAM

ARRIS TITANIUM CAS device coverage has been extended to include DVB CI+ CAMs for Smart TVs and devices equipped with a DVB CAM slot. The CAM specification was designed with smartcards in mind, but ARRIS TITANIUM CAS can be deployed on the same hardware and still operate as a software only solution, bringing with it all the advantages and eliminating the need for smartcards.

MPEG-DASH and CENC supported

Many networks are transitioning to OTT services and the use of ABR content delivery to devices using DRM based security. For broadcast set-tops that are on a two-way IP enabled network, ARRIS is able to offer ARRIS TITANIUM CAS with MPEG-DASH support.

This feature allows a set-top to consume the same ABR streams as mobile devices. A single security component thereby protects both broadcast and OTT services, simplifying both the set-top security components, and the content delivery network.

Why choose TITANIUM CAS?

ARRIS has invested heavily in software security over the past decade and provides industry-leading levels of content protection. Combined with the inherent security recovery advantages of software, ARRIS TITANIUM CAS reduces operators total cost of ownership.

Faster, Lower Cost Threat Recovery

ARRIS TITANIUM CAS gives equal emphasis to security and recovery. Its software technology eliminates smartcards meaning that any compromised system can be recovered quickly and at lower cost with a downloadable software package deployed over the network.

With no smartcards to replace, fewer truck rolls and less call centre traffic, it's cheaper for the operator and more convenient for the subscriber, as well as minimising piracy.

ARRIS is an industry leader in software security technology, leveraging the latest developments in chipset technology, making ARRIS TITANIUM CAS one of the most secure platforms available.

Giving Operators Freedom to Innovate

Customisable and adaptable to meet operator specific needs allowing them to rapidly respond to changing subscriber needs and market opportunities.

Making the Complex Simple

Pre-integrated components get operators to market faster, minimise integration risk and are easier to maintain and support - delivering lower total cost of ownership.

Does not Lock Operators in

Open standards, integration kits and SDKs enable operators to develop services themselves and integrate with their existing partners.

CUSTOMER CARE

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