Titanium Broadcast

Secure Software Based Conditional Access System for Broadcast Pay-TV Network

Satellite | Cable | Terrestrial | Hybrid

Worlds’ Only DVB® Compliant 100% Secure-Software CA

Titanium Broadcast is the only DVB compliant, 100% secure software Conditional Access (CA) system for Pay-TV networks which eliminates the need for smart cards. While other vendors also claim to offer software based CA solutions, they have several caveats and depend on smart cards for their core security. Latens truly reduces operators total cost of ownership while maintaining uncompromised levels of security.

Traditional CA systems rely on smart cards to implement security features on set-top boxes. In the 90s smart cards were an effective means of combating content theft. However, today this is no longer required as all current chipsets provide sufficient security methods. Titanium is fully integrated with these secure chipsets. Smart card based CA systems increasingly fail to address today’s Pay-TV operator’s technological and business requirements. Smart cards are expensive and require a costly logistics processes to manage their secure deployment and do not meet time to market needs for the introduction of new features.

Reduced Costs

Titanium optimizes costs throughout the entire system, from initial capital costs, logistics, deployment time, new feature introduction, and maintenance. Latens’ 100% secure-software based CA reduces costs by an average of 60% compared to card-based CA systems. The ease with which it integrates with middleware, set-top boxes and back-end systems is also a significant cost-saving factor.

Innovative Technology

Titanium Broadcast includes all the components of a traditional broadcast TV conditional access system but consistent with Latens strategy of delivering industry leading security using a 100% secure-software implementation.

Through the use of standard protocols such as DVB-Simulcrypt, Titanium Broadcast easily integrates with existing standard head-end equipment and can co-exist with expensive legacy conditional access systems enabling an operator to introduce a new cost-effective solution side by side with the deployed CA in a controlled and predictable way. This results in a competitive CA environment proven to lower costs and improve service and support.

Key Features

• Cardless, 100% secure-software based Conditional Access.
• Approved by all major content providers and has zero piracy to-date.
• Supports all current Pay-TV business models.
• Advanced operator management system.
• Proactive system monitoring and diagnostics.
• Unified approach for broadcast, hybrid and over-the-top services.
• Co-exists with any legacy conditional access systems.
Titanium - The Future of Content Security
Any Network, Any Screen – One Platform

Unified Content Security Platform
The rapid feature development and deployment enabled by the software-only platform provides operators with the flexibility they need to both respond quickly to problems and take advantage of new business opportunities. TV operators can easily migrate their broadcast only services to provide additional hybrid and over-the-top (OTT) services.

Breadth of Coverage
Titanium Broadcast is part of the Titanium product family which enables Rights of all types to be managed coherently across all device types including STBs, PCs and the new generation of connected devices such as iOS (iPhone, iPad) and Android devices.

Titanium allows operators to add new network types and services by simply adding other components of the Titanium product family.

Future-proof
In a rapidly shifting technology and business environment, TV operators need to know that the systems in which they invest will maintain flexibility and be cost-effective over time. Titanium meets these requirements, with its rapid feature development cycle, distributed high performance transaction processing architecture, built-in redundancy and proven extensibility to new consumer electronic devices.

Consistent and Standard Interfaces
Standards enhance interoperability, allow choice of technology, lower costs and eliminate risk. Titanium Broadcast CA is fully DVB-compliant, meaning customers can deploy Titanium without jeopardizing their existing investment. Both in the head-end and the STB, Titanium Broadcast can coexist with or easily replace any other legacy CA system while providing increased flexibility and reduce total cost of ownership.

For more information on Titanium Broadcast or any other Latens product please visit our website www.latens.com

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