

CONTENT PROTECTION SERVER

Complete interoperable server-side DRM solution
for downloads and stream protection

i: APPLICATION

- Modular server-side Digital Rights Management (DRM)
- License management, keys generation and delivery
- Content batch encryption for live and on-demand services
- Interoperable content protection for any device and any DRM client including Inside Secure®'s DRM Fusion Agents

i: FEATURES

- HLS, Smooth Streaming, MPEG-DASH adaptive streaming support
- PIFF downloadable files support
- UltraViolet™ Common File Format (CFF) support
- Simple Object Access Protocol (SOAP) API for remote management
- Complete Key Provisioning API
- Management GUI (Content Protection Server)
- Easy command-line installation procedure with Content Protection Server 1-Click

i: SECURITY

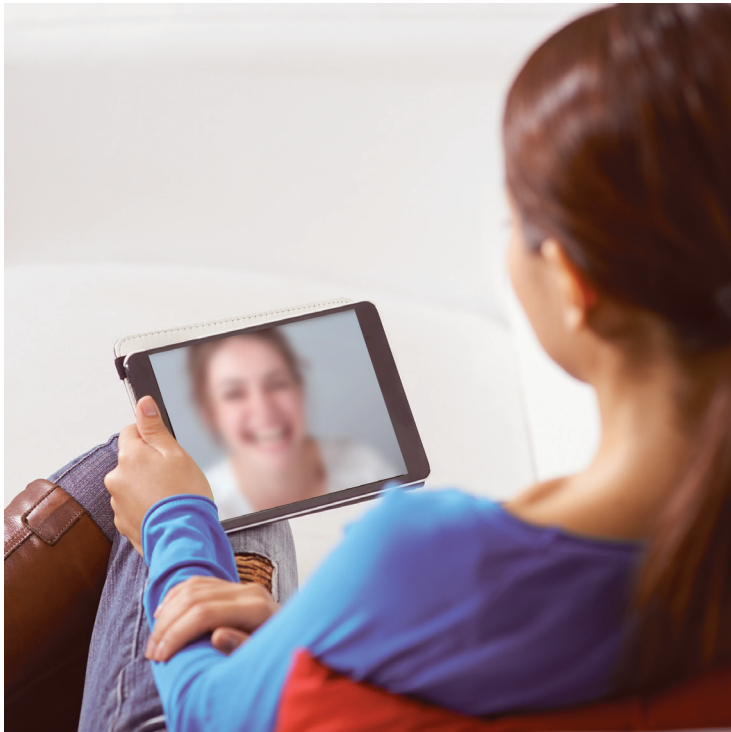
- Microsoft® PlayReady® & Widevine DRM
- Full Microsoft and Content Management License Administrator (CMLA) Trust Models implementation
- Hollywood Studios approved
- More than 25-year hardware and software security expertise

Inside Secure® provides the most comprehensive portfolio of hardware, software and IP based security technologies to meet any current and future security requirements for various demanding markets. The company's expertise enables content monetization and assets protection while offering the best in class access wherever, whenever from any platform. More than 80 companies among the major studios, broadcasters, telecom operators, multimedia compatible device manufacturers already rely on Inside Secure's content protection solutions. More than 100 million active users benefit from these technologies today. Inside Secure's hardware software security combination is a perfect fit to match the most demanding requirements for HD/UHD premium contents distribution. Offering a very complete server-side DRM toolkit, Inside Content Protection Server complements Downloadable and Embedded DRM Fusion Agents which are the premium content protection clients running on iOS and Android. Nevertheless, Content Protection Server is fully interoperable with any other DRM client.

Content Protection Server

Inside Secure's Content Protection Server is a robust interoperable studioapproved server-side DRM solution. It supports content encryption and end-user license generation & distribution. Designed for network operators, studios, broadcasters and media service providers, Content Protection Server implements and extends multiple DRM technologies such as Microsoft® PlayReady® and Widevine DRM while providing common integration interfaces. It can be configured in highly scalable and redundant profiles to meet the extreme requirements of real-life deployments.

Content Protection Server - Batch Protector



Batch Protector is an offline content protection solution that supports out-of-band file encryption without requiring a back-channel to the Content Protection Server licensing infrastructure. It supports various file and progressive streaming formats (PIFF, CFF, HLS, Smooth Streaming, MPEG DASH). The remote licensing is enabled using Inside Secure® Key Provisioning API which allows the generation and distribution of the keys.

Content Protection Server

Content Protection Server provides a robust complete server-side framework for DRM license generation and management. It manages the complete DRM process and can be integrated into a heterogeneous environment. The Content Protection Server consists of three main high level functions :

- Producing and delivering the licenses that allow the end-users to consume the protected content according to a set of usage rules
- Providing a Key Provisioning API as an integration point for encoders and other entities in the content protection workflow
- Providing a SOAP-based management API for automating the license management activities

Content Protection Server has been designed to integrate with existing infrastructure within the operator's network. Content Protection Server is a scalable and robust server application that runs on industry standard application server (JBOSS AS) platform using standard off-the-shelf server hardware. By exposing simple and well defined SOAP APIs, Content Protection Server allows integrators quick and easy service roll-out.

Content Protection Server is delivered as a complete DRM license server, together with a management application, the Content Protection Server Manager. The Content Protection Server Manager is a fully fledged easy-to-use application that communicates with Content Protection Server over the SOAP API and provides an efficient user interface to the license management capabilities of Content Protection Server.

Content Protection Server Highlights

Complete Server-Side Solution- Create live and on demand services for TV, PC, STB, tablets and Mobile.

Advanced Digital Rights Management- Flexible business models, real-time enforcement.

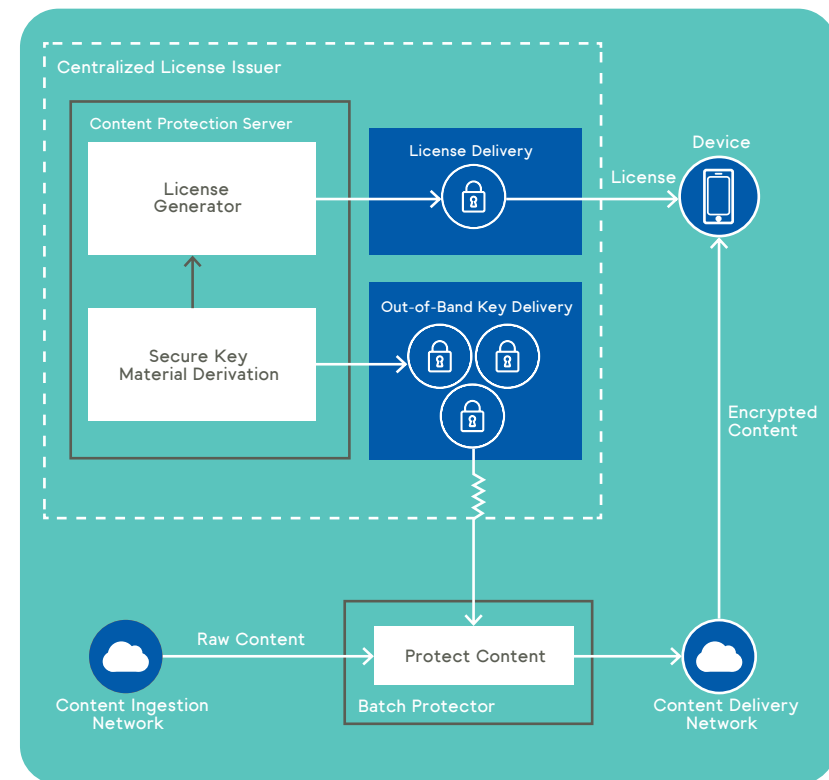
Extended DRM Functionality- DRM agnostic platform enables intelligent rights management through an advanced rights template manager that dynamically applies rights and conditions to digital media content.

Comprehensive Integration- Designed to integrate with existing infrastructures and 3rd party systems such as subscriber management, billing, and authentication.

Multiple DRM Technologies- Microsoft® PlayReady® and Widevine DRM while providing common integration interfaces. Applications include VOD, download with offline playback, subscription, rental.

Content Protection Server - Batch Protector

DRM Batch Protector is an encryption tool used for adding Microsoft® PlayReady® DRM protection to content in HLS, PIFF, Smooth Streaming, MPEG-DASH and CFF file formats. DRM Batch Protector can be used to wrap either live (for HLS) or video-on-demand (for formats other than HLS) resources. It offers the possibility to package content without requiring a back-channel to the licensing infrastructure. This is made possible by the Key Provisioning API which allows the generation and distribution of the required amount of content protection keys in advance. DRM Batch Protector is an optional component that can be used to extend the content workflow and cover DRM protection, for example in cases where the existing encoding solution does not support DRM wrapping. Inside Secure® DRM Batch Protector is pre-integrated with Inside Secure® Content Protection Server. But it can also be easily integrated with a 3rd party PlayReady License Server.



For further details on all of Inside's security solutions, visit www.insidesecond.com

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