



Qt Extended and SafeNet Pre-Integrated OMA DRM

SafeNet enables Qt® Extended with Digital Rights Management based on Open Mobile Alliance industry standard (OMA DRM). The DRM solution enables content copyright protection needs in consumer devices and secures interoperability requirements between devices and the Operators' OMA DRM enabled services.

Key Facts

Fully compliant with the Open Mobile Alliance (OMA) open standard specification 1.0 and 2.0

Fully compliant with DRM requirements from leading mobile operators

Supports most major operating systems, hardware platforms and all content types

Extensively tested at OMA Test Fests, repeatedly achieved 100% pass results

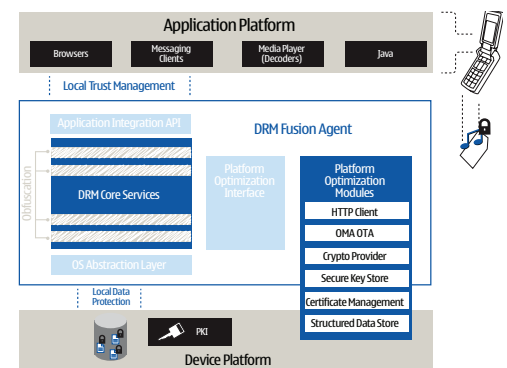
Secures distribution and content playback

Creates a viable business model for rich-media download services

Short time to market and confident deployment of a pre-tested DRM solution for device manufactures

The pre-integrated solution will greatly reduce device manufacturers' time to market for DRM enabled devices and enable them to confidently deploy a pre-tested DRM solution.

SafeNet is a leading provider of client and server side DRM software solutions. The company represents one of the most matured and largest specialist resource centres within the field of Mobile Digital Rights Management and has world-class brands as customers.



DRM Fusion Agent Architecture

Secure Digital Content Distribution

Distribution of high quality content to advanced multimedia devices is emerging as one of the biggest drivers for data and content revenues in the mobile industry. The standardization of OMA DRM puts in place a fundamental corner stone for this emerging ecosystem.

DRM is a core technology enabling digital content distribution. By using DRM to protect digital content, a secure and controlled distribution of any high value content like music, video and games can be assured. With DRM integrated into consumer devices like mobile phones, PC players, mp3 players and other consumer electronics, end-to-end content protection is achieved. SafeNet provides DRM server software to Mobile Operators, Service Providers and Content Delivery Infrastructure vendors, and DRM agent software to Device Manufacturers and Device Platform Vendors.

Open industry standard DRM paves the way for a healthy content ecosystem

As the only widely backed open DRM standard, OMA DRM has enormous potential to create an entirely new ecosystem and make distribution of high quality content to multimedia devices one of the biggest drivers for growth in the mobile and CE industries. The technologies introduced with OMA DRM are highly suitable for distribution of high value content to all forms of devices, including advanced multimedia capable mobile phones, handheld devices, palmtop computers, set-top boxes and plain old desktop PCs. OMA DRM enables consumers to legally enjoy content on multiple devices while maintaining secure content protection.



Code less.
Create more.
Deploy everywhere.

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Key Features

**Rights Retrieval
with complete ROAP support**

**Rights Management
including storage, retrieval,
cleanup, and merging**

**Subscriptions
through Inheritance (Parent
Rights) and Groups**

**Content Sharing
through Superdistribution,
Domains and DCF Embedded
Rights**

**Content Management
to help keep track of DRM
content**

**Backup & Restore
to recover rights after device
failure**

**Content Access
and decryption**

**Local Content Protection
for OMA DRM v1**

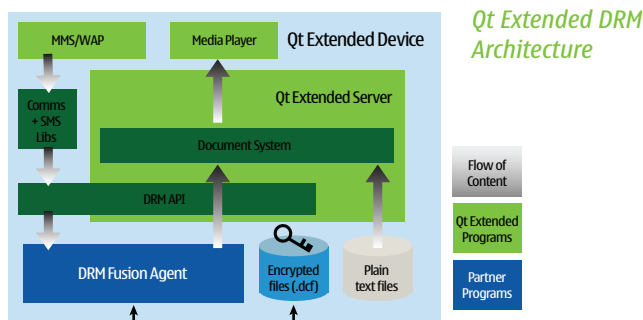
DRM Fusion Agent

The DRM Fusion Agent is a dedicated DRM software library for mobile device platforms. DRM Fusion Agent is fully compliant with OMA DRM 1.0 and OMA DRM 2.0 industry standards, compatible and interoperable with any OMA DRM compliant server. DRM Fusion Agent enables distribution of high value content to all forms of devices. DRM Fusion Agent is a complete software solution, enabling fast deployment while providing high security and robustness.

Building a DRM enabled device with Qt Extended

Digital Rights Management is used to protect a wide range of content, most notably including: ringtones, music, wallpapers, photos, videos and JAVA games. Applications that handle these contents can be "DRM-enabled" to ensure they can manage and consume both protected and non-protected content side-by-side. The overall objective of application integration is to create a user experience whereby the use of protected content closely reflects the usage of non-protected content.

Typically a device manufacturer integrating DRM into a device must allocate significant resources from multiple project teams to adapt the applications to be "DRM aware". However by adding DRM functionality directly into the Qt Extended framework it is now possible for device manufacturers to add support for DRM protected content to their mobile phones with very little extra integration effort.



The DRM Agent manages DRM rights; rights acquisition; rights enforcement and seamlessly decrypts the content. Through the Qt Extended document system files and content subject to DRM are transparently browsed, launched, moved, deleted and examined for their properties, in the same way as other files. Additionally, DRM rights can be viewed as part of the properties of a file. Operations, for example copy, move, rename, are handled via the Document Management system and follow OMA DRM standards for DRM controlled files. Icons have an adornment to indicate that, in addition to their mime-type, the file is a DRM controlled file.



SafeNet

Karenslyst Allé 16D,
0214 Oslo, Norway
Telephone: + 47 23 89 73 10
nicole.lua@safenet-inc.com
www.safenet-inc.com

