



Entrust Managed Services PKI for Microsoft Mediaroom IPTV

Delivering Security Benefits of Digital Certificates in a Hosted Model

Managing IT security is critical, but can be complex if not deployed with the proper tools and expertise. Entrust Managed Services PKI can help you establish, enhance and manage security across your environment by providing proven solutions that are compliant with your Microsoft Mediaroom environment.

Entrust provides customers with a hands-off approach for meeting the strict digital certificate requirements for Internet Protocol Television (IPTV). Service providers can choose to deploy the required PKI themselves, but Entrust Managed Services PKI offers a number of key benefits, including the simple, fast delivery of certificates to help secure Mediaroom resources.

When choosing a hosted service, the total cost of ownership is reduced as there is no need to develop and retain expert PKI staff or make significant capital expenditures on high-security facilities. Entrust manages setup and on-going operations, costly audits, server and storage maintenance and upgrades, as well as disaster recovery requirements. This allows service providers to focus on their business, products and customers, while ensuring protection of the keys at the foundation of trust in your Mediaroom solution.

Industry-leading PKI On Demand

For years, some of the world's largest and most security-conscious organizations have turned to Entrust for security services and PKI. Entrust Managed Services PKI has made it even easier for any organization to purchase exactly what it needs today — and easily scale to meet future business requirements. Deployment is faster and easier since the infrastructure for delivering and managing certificates is already in place.

Support for Microsoft Mediaroom IPTV Solution

Microsoft Mediaroom is an IPTV service that delivers information and content to end-customers. Microsoft requires Mediaroom service providers to establish a highly trusted PKI environment for the Certification Authorities (CA), servers and set-top clients involved in the Microsoft Mediaroom environment. Specifically, Microsoft requires a high level of protection around the keys that are the most costly to replace — essentially the Root CA and Intermediate CA keys for a given service provider.

Solution Benefits

- Compliance with Microsoft Mediaroom solution
- Mission-critical support
- Simple, fast, cost-effective deployment
- No need to develop internal PKI management expertise or secure physical facility
- Flexibility of term and cost structure
- Support of Entrust PKI experts



Entrust offers a hosted CA that saves service providers time, money and effort in implementing a CA environment to secure communication with Microsoft Mediaroom. Entrust Managed Services PKI has been evaluated and selected by Mediaroom clientele for its ability to help service providers deliver IPTV-specific controls, policies and practices to comply with Microsoft's Mediaroom requirements.

Once deployed, a customer turns on a set-top box to watch a program, download content or manage their account. The end-user's set-top box communicates securely with the server before downloading video content for viewing. Entrust Managed Services PKI makes certificate status information available to Microsoft Mediaroom application software to validate that all digital certificates in the solution are trusted, thereby securing communication between end-customer set-top boxes and service provider servers. Entrust enables you to select from a variety of term and cost structures to meet your business requirements.

Reliability

Entrust Managed Services PKI provides reliable service with continuous protection. Housed in established secure facilities, the service features Key Generation Ceremony with hardware protected CA keys, data backup and restoration capabilities, and external third-party audits. All data is archived at an off-site facility and retained for more than 10 years. Entrust has partnered with Savvis, the No. 2 hosting provider worldwide, for secure infrastructure facilities.

Why Entrust?

Entrust is recognized by Microsoft Mediaroom clientele, government, national defense, finance and industry leaders around the globe for unequalled PKI deployment experience. Entrust provides the flexibility to move from a hosted Root CA environment to an in-house environment should your business requirements change.

Why Entrust is a PKI leader:

- 8th-generation security management specialists
- Deployed in 18 of top 22 e-governments worldwide
- Service and processes built on 12-plus years of deployment experience
- Service expertise with Entrust Certificate Services, U.S. Department of Treasury and National Finance Center Managed Services

Entrust Managed Services PKI enables a strong, layered security approach aimed at protecting today's enterprises online. Addressing the security challenges of today and tomorrow requires a layered approach that protects identities and information at multiple points to defend against ever-changing enterprise network threats.

Core Services:

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| <ul style="list-style-type: none"> • Certificate and security management • Key generation, storage, recovery • Certificate/CRL generation and distribution • External 3rd Party Audit | <ul style="list-style-type: none"> • Root Key Generation Ceremony • Generation, storage of CA signing keys and database encryption keys in Hardware Security Modules |
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About Entrust

Entrust provides trusted solutions that secure digital identities and information for enterprises and governments in 2,000 organizations spanning 60 countries. Offering trusted security for less, Entrust solutions represent the right balance between affordability, expertise and service. These include SSL, strong authentication, fraud detection, digital certificates and PKI. For information, call 888-690-2424, e-mail entrust@entrust.com or visit www.entrust.com.

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