

HUGHES MEDIALOCK SERVER

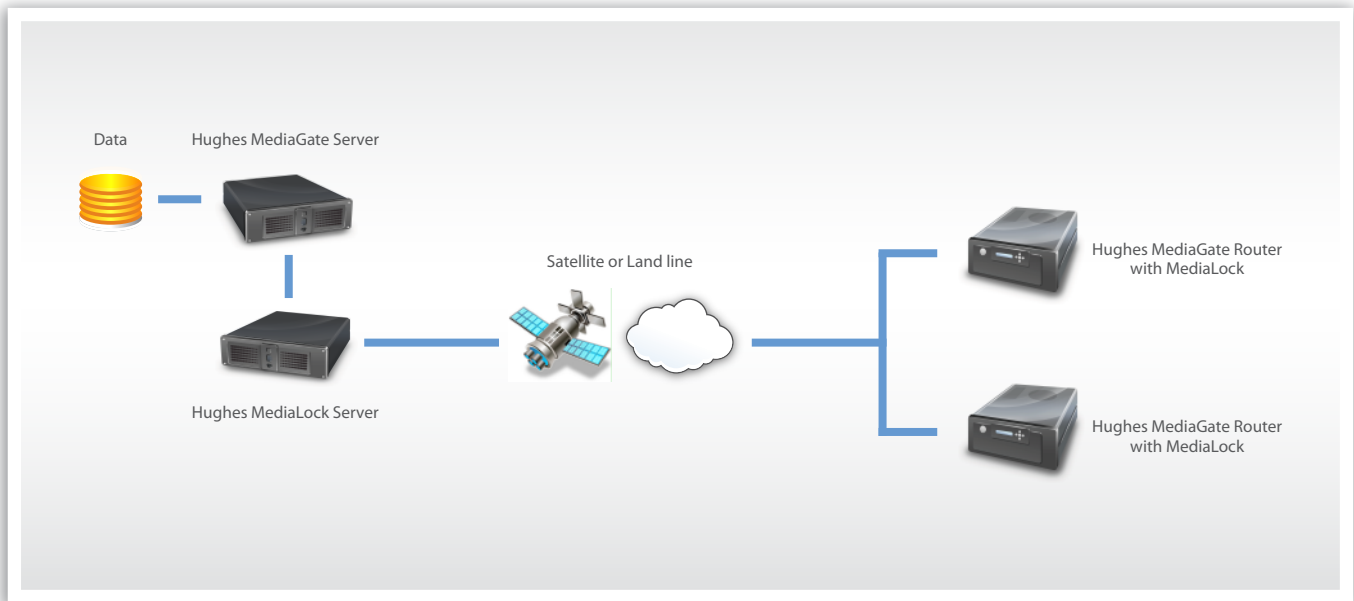
Providing IPSEC security for multicast data and access control for data broadcasting.



Overview

- Easy to control access and update security remotely
- IPSec based security (768 bit)
- Makes world class multicast security affordable

Hughes MediaLock Server provides IP Sec-based security for multicast data and granular conditional access control for data broadcasting infrastructures using Hughes MediaGate Routers and Hughes MediaWrite. Hughes MediaLock consists of client and server components which together provide a robust encryption solution for information transfer between Hughes products. It is the world's first software-only conditional access product that allows confidential content to be multicast in IP format over satellite and on LANs. The Hughes MediaLock solution enables the update of keys manually or automatically from a remote location, reducing complexity and improving flexibility. Integration of security into the Hughes data broadcasting solutions provides an inexpensive solution for secured satellite transmission. Management of the Hughes MediaLock solution is done through the browser based Hughes Management Console.



Features and Benefits

- Easy to control access and update security remotely
- IPSec-based security (768 bit)
- Makes world class multicast security affordable
- Real-Time Conditional Access
- Group Management
- Processor: Intel XEON 3050 2.13GHz 1066FSB
- Motherboard: Intel S775 Single XEON 3000 ATX
- RAM: 2 (512MB PC2-4200 DDR2-533 ECC)
- HDD: 2 (500GB Raid Edition SATA2 7200)
- Graphics: Intel Integrated on Motherboard
- Power: 500W Redundant Power Supply
- LAN: 10/100/1000 2 Port Svr PCI NIC
- Chassis: 3U 19" Rackmount (Aluminum)

Customer Requirement

Organizations wishing to distribute sensitive corporate communications are seeking a conditional access solution that will allow them to protect data broadcasts as they happen. They also need a solution that will adapt to any actual or potential security breaches that may happen. These same customers are seeking software security solutions to reduce the overall risk and cost associated with hardware based security devices.

Hughes Solution

The Hughes MediaLock solution consists of a Client and Server combination which together provide robust IP Sec security for data broadcasts based on Hughes solutions. The Hughes MediaLock Server handles both key generation and gateway functionality. Hughes MediaLock is software-based and can be updated at will to protect against security breaches. The Hughes MediaLock solution provides an open, standards-based security solution for organizations wishing to take advantage of data broadcasting solutions, but who require high level of security and integrity for their sensitive information.