



# mirial



## MCS

Desktop videoconferencing for Carriers and Service Providers



Mirial Carrier Server

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MCS is a videoconferencing network appliance designed to easily deploy and manage a large Mirial Softphone user base.

It is targeted to Video and Voice over IP service providers willing to offer their subscribers the smoothest visual communication experience in the simplest and most effective way.

MCS can act as a standalone SIP registrar for Mirial Softphone or can be integrated in any SIP network acting as a SIP proxy and Session Border Controller.



Mirial Softphone

## Highlights

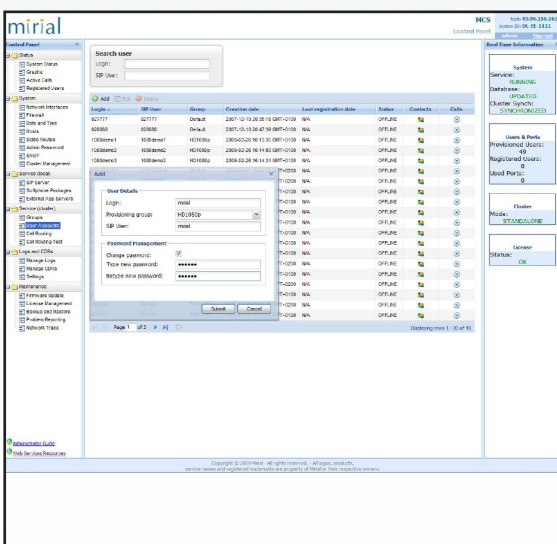
- ➔ Easy automated Mirial Softphone installation
- ➔ Full remote configuration and upgrade
- ➔ Flexible pay-as-you grow licensing scheme based on server side accounts
- ➔ Can act as a standalone SIP registrar and proxy for Mirial Softphone
- ➔ Supports user authentication with external user databases via HTTP APIs
- ➔ Mirial Softphone GUI is fully customizable
- ➔ Supports fault-tolerant and horizontally scalable configurations
- ➔ Handles full Firewall/NAT traversal
- ➔ Advanced Call Routing Engine

## Features and Benefits

Turn-key solution including Mirial Softphone licenses, SIP proxy, Firewall/NAT traversal	Reduced time-to-market
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No configuration activities needed from the end user	Improves customer loyalty and maximize roi
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Licensing based on server-side accounts	Pay-as-you-grow model
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Web administration panel

Mirial Carrier Server addresses most common issues related to the deployment of video softphones such as installation and upgrade, user authentication, client remote configuration and Firewall/NAT traversal.

# MCS Specifications

## Assisted Mirial Softphone installation

- ➔ One-step installation via HTTP browser
- ➔ Handles automatic update of new Mirial Softphone releases
- ➔ Zero configuration access to VoIP and VVoIP networks

## Authentication and provisioning

- ➔ Handles login credentials requests on Mirial Softphone startup
- ➔ Automatic provisioning and configuration of Mirial Softphones based on user credentials
- ➔ Supports extended Mirial Softphone provisioning parameters for both GUI and Network configuration
- ➔ Secure authentication via Digest (MD5)
- ➔ Support user authentication with external user databases via HTTP APIs

## Administration and management

- ➔ Ajax-based web administration console
- ➔ Support for SNMP MIBs
- ➔ Comprehensive CDRs and logging

## Firewall/NAT Traversal

- ➔ Supports all UDP-reflective nested NAT
- ➔ Automatic discovery of network configuration
- ➔ Direct Media Path for Mirial Softphones on the same LAN
- ➔ Acts as RTP media-proxy when required
- ➔ Geographical load balancing
- ➔ SIP Media encryption

## Carrier grade features

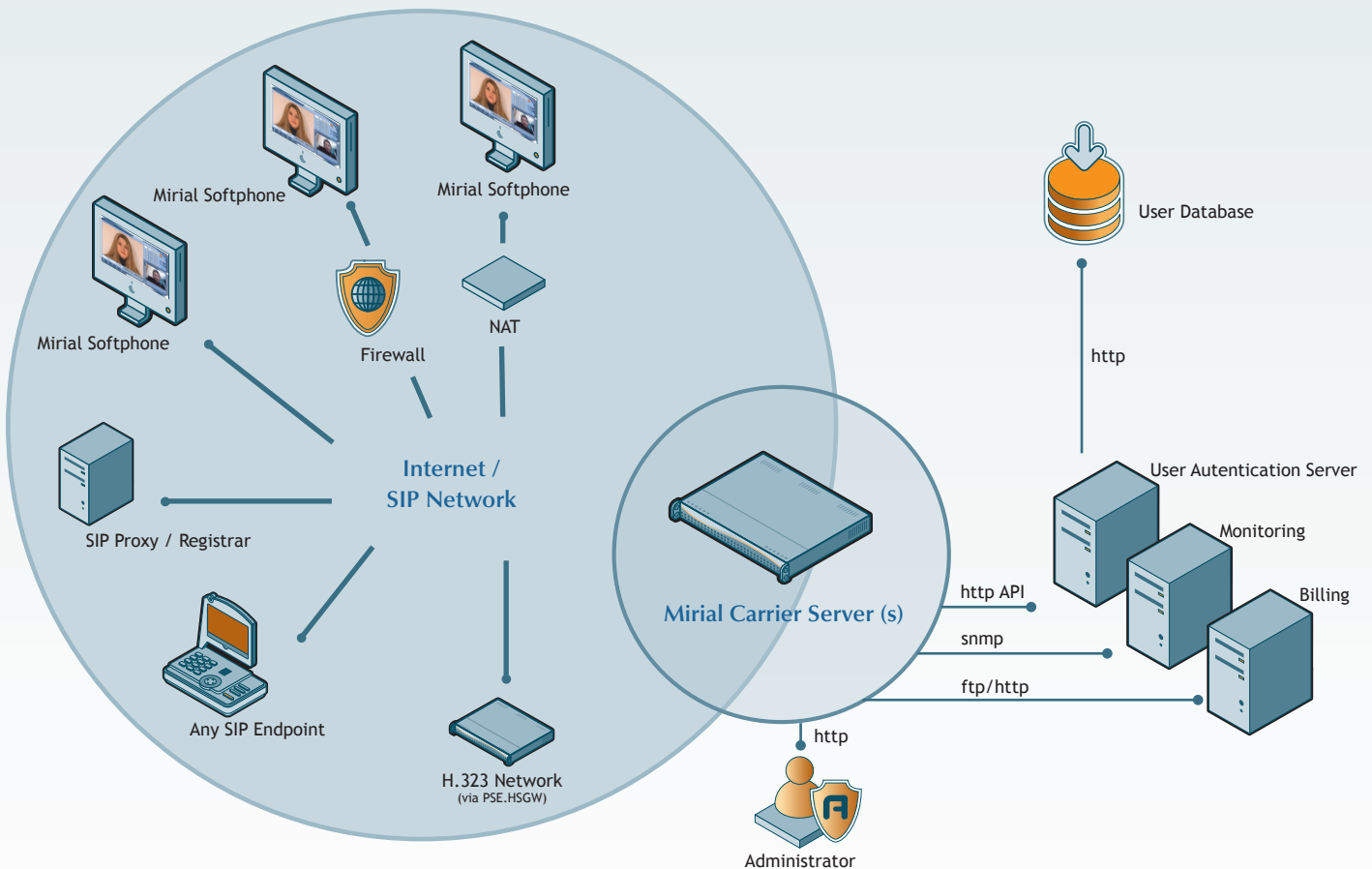
- ➔ Fault tolerant configuration
- ➔ Horizontal and vertical scalability
- ➔ Support for geographically distributed deployments
- ➔ Can be easily connected to legacy H.323 networks via PSE.HSGW
- ➔ Advanced Call Routing Engine

## Hardware

1U standard 19" rackmount

**Certifications:** FCC Class A, ICES Class A, EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3, VCCI Class A, BSMI Class A, C-Tick Class A, SABS Class A, CCC Class A, MIC Class A, UL60950, CAN/CSA C22.2 N.60950, EN60950

## Example of a MCS deployment



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