

MegaPhonic Dynamic Location Registry



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EMC Software's *MegaPhonic Dynamic Location Registry* (DLR) provides support for mobile and dynamic-addressed Internet Telephone users. This support facilitates service to other Internet access networks subscribers. The DLR gives service providers a means to automatically associate a user's current IP address with their fixed telephone service address.

The DLR provides:

- A Registration Database,
- An Authentication Server,
- And a DNS Server for mobile gateways

The DLR authenticates each user and updates its DNS server so the current address mappings are returned to SoftSwitch Queries.

The DLR works transparently with the MegaPhonic™ Softphone. Other media gateways can be registered through a web-based application.

The *MegaPhonic Dynamic Location Registry* allows the carrier to:

- Enhance existing and emerging offerings
 - Extend telephony support to work at home & other users.
 - Support mobility.
 - Better Provide disaster recovery services.
- Experience increased revenue growth by providing
 - Expanded coverage to include subscribers beyond their network and those without static IP addresses.
 - Rapid time to market.
- Realize greater profit retention
 - No need to share PC-telephony service revenue with IP or proxy provider.
- Lower infrastructure Costs
 - The subscriber's local Cable or DSL provider provides and maintains Internet access infrastructure.
 - Separate IP network management from Voice Service management.
- Compatible with the installed subscriber base
 - The vast majority of broadband users do not have static IP addresses or serviceable domain names.

For subscribers, the *MegaPhonic Dynamic Location Registry*

- Empowers subscribers to place and receive phone calls using their assigned phone number whether at Home or at Work without going through a provisioning process.
- Can be used for disaster recovery and other contingency planning.
- Works with VPNs, NAT-enabled routers and gateways.

Computing Platform

The *MegaPhonic Dynamic Location Registry* is delivered on a *Unix/Intel* platform and can be customized to meet your performance, reliability, and availability needs.

Compaq ProLiant DL380 1.13GHz Intel Pentium III processor, 256MB RAM, 24X Max CD-ROM, 2 x 10/100 Ethernet, Linux.
(NEBS compliant and other OS alternatives are also available.).

The stand-alone version supports over 200 calls per second. (estimated)

Requirements

- A delegated domain name.
- 10/100BT Ethernet
- 2U rack space

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