



Remote Services Gateway for Telenium^{IP}

Enhanced Services for Remote Users of Telenium^{IP}

The RSGM provides the following hardware resources:

- One WAN connection (RJ-45: 10/100 Ethernet port) – Auto MDI/MDIX switching
- One PC connection port (RJ-45: 10/100 Ethernet port)
- One IP phone connection port (RJ-45: 10/100 Ethernet port) – Power Over Ethernet
- One analog CO port (RJ-11)
- One analog SLT port
- One Alarm/Doorbell contact
- Two dry relay contacts
- One local Message on Hold Port
- One RS232 connector for management

Telenium^{IP} phones can be placed virtually anywhere with a broadband connection for fully functional desktop extensions of the host Telenium^{IP} system. For those users that need more than an IP phone extension, the Remote Services Gateway (RSGM) extends many additional services of the host Telenium^{IP} system to the off-premise location.

Gain a Second Analog System Extension

The RSGM has one analog CO port and one SLT connection that when enabled, provides for the use of a second analog device at the remote site. This feature is useful for applications such as Faxing, Credit Card validations, or even a second extension of the phone system.

Network Failover

When the network connection to a stand-alone Telenium^{IP} phone is lost, the RSGM can automatically route outbound calls from the IP phone to the PSTN (Public Switched Telephone Network).

Power Loss Contingency

In a power loss situation, the IP phone is no longer functional. When an RSGM is in place, an analog phone connected to the RSGM will still work via the PSTN.

Need a Router?

The RSGM can also act as a DHCP server at the remote site for managing network traffic. It can assign private IP addresses to internal clients such as personal computers for simplified network administration and increased security.

Flexibility for Messages On Hold

A message-on-hold port on the RSGM allows remote users to play their own Messages On Hold for their callers placed on hold. This can reduce load on the IP network if needed.

Support for Alarms and Doorbells, and Gate Openers

The RSGM has two dry relay contacts to support these communications functions at the remote site.

LAN Power for the Telenium^{IP} Phone

The RSGM eliminates the need for a separate power supply for the Telenium^{IP} phone, as power is supplied through the Ethernet port on the RSGM.



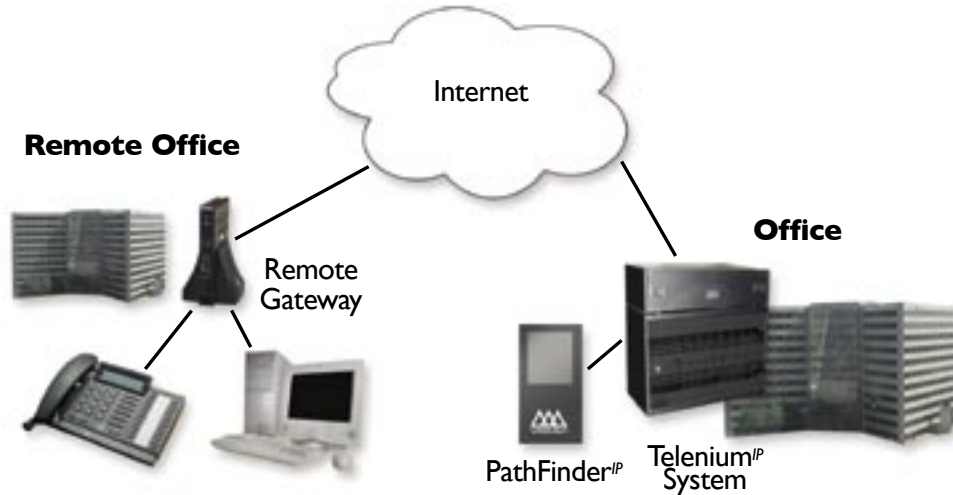
T E L E N I U M ^{IP}



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Telenium^{IP} Remote Services Gateway Application



Corporate HQ



The IP phones can operate in stand-alone mode or in conjunction with the RSGM. The RSGM adds a CO line and SLT/fax port.



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