# Netgenium

Collaboration

Cisco CUCM

Solution Overview

Netgenium Systems offer probably the most comprehensive integration between building management solutions (Public Address, Access Control, Door Entry, CCTV) and Cisco's IP Telephony available today.

The success of the collaboration is PolicyServer's unique integration into the Call Manager environment. With PolicyServer integrated, Netgenium's audio devices become part of the telephony system. In addition telephone handsets with hands free capability can be imported into PolicyServer and be used as an additional resource in the audio broadcast domain.

Every intercom manufactured by Netgenium Systems emulates the SCCP ('skinny') call control protocol as well as SIP.

This allows the intercoms to appear as telephone handsets on Call Manager. The intercoms can then be configured to call into the phone system when the call button is pressed. The incoming call can then be routed using Call Manager's dial plan to a telephone handset. Remote control of the door is then passed onto the answering handset.

IP Telephony

PolicyServer

CCTV
Surveillance

Event Exchange

Remote
Control
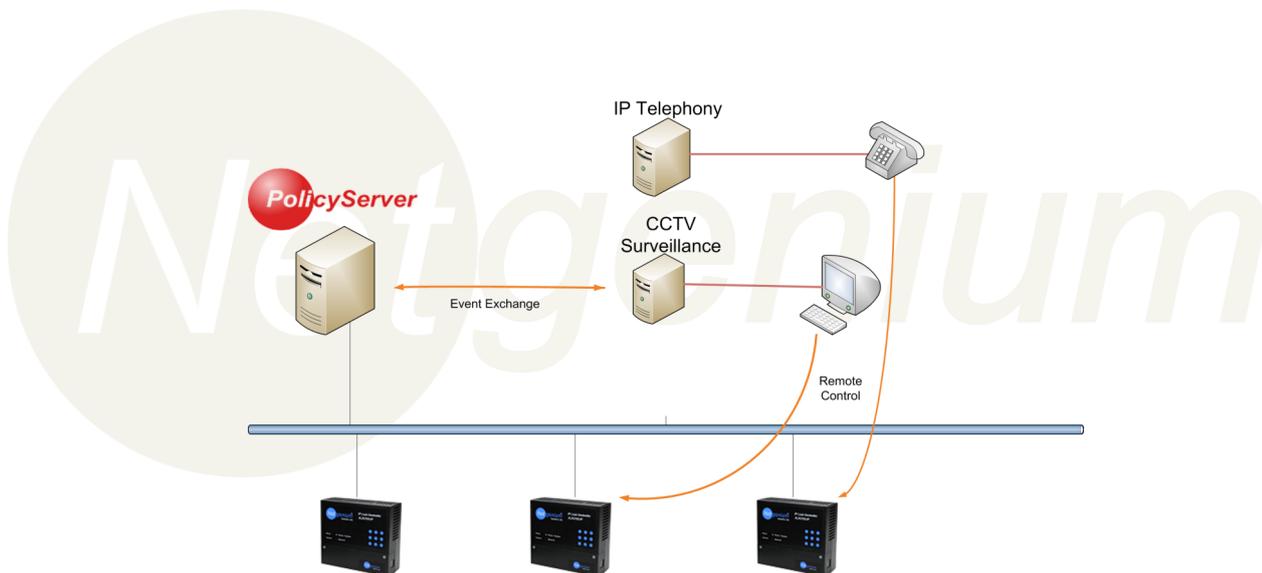
Audio Paging

With Cisco's Call Manager fully integrated with PolicyServer, your public address system becomes an extension of your telephony system.

Individual paging zones can be allocated a Directory Number in Call Manager's dial plan , meaning making a live announcement is as easy as dialling the extension number of the zone.

In addition, the profiles for Cisco handsets with hands free capability can be imported into PolicyServer's database and used as additional audio resource.

Both phones and IP audio devices can e members of multiple paging zones, providing infinite flexibility .

The PolicyServer database will store pre-recorded audio announcements. These can be played according to time schedules, or triggered by an incoming event from any on the network.

PolicyServer's ability to emulate a handset, register with Call Manager and be allocated a Directory Number makes recording announcements a breeze.
Simply dial the servers DN from any authorised handset and record the message on the fly direct to the database.

PolicyServer's unique announcement builder facility lets you build an announcement on the fly.
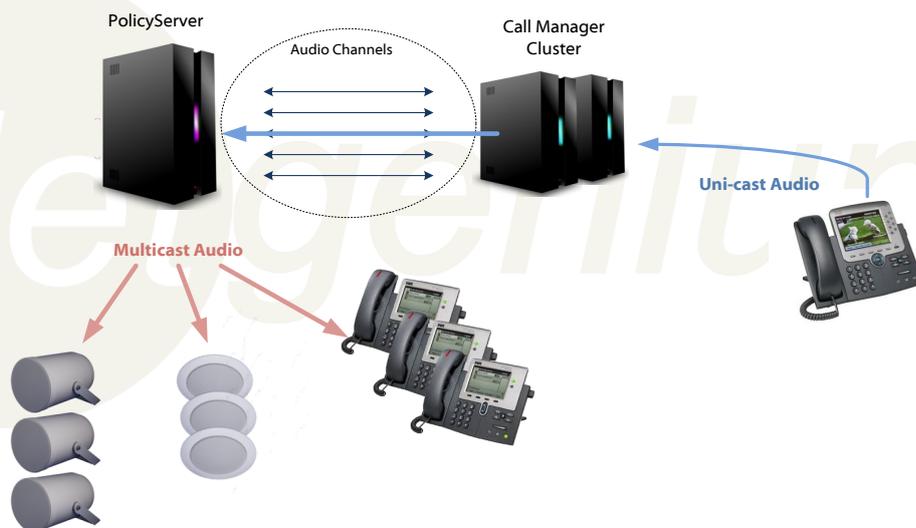
Access Control

Netgenium's intercom panels allow a call for access to be directed directly into the telephony system. This allows the call to be routed to the most appropriate person to deal with the request.

Each panel supports both the SIP and SCCP call control protocols and registers with Call Manager as a handset. The browser configuration utility allows a target Directory Number to be dialled when the call button is pressed. Once connected a two way audio call is established between the panel and destination handset.

Remote control of the door can be transferred to the handset with either DTMF or XML services.
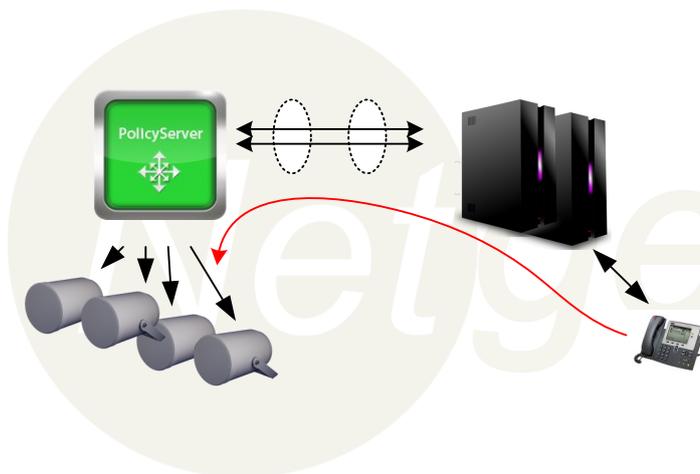
Automated event escalation using telephony and PolicyServer's pre-recorded announcements add another dimension to the solution.

With PolicyServer's ability to emulate a handset. All it takes is a policy in the rulebase to have an event trigger a phone call to a reception, concierge or security office and a recorded announcement played.

This feature proves especially useful alerting facilities management to lost or suspended access cards being used, motion out of hours in security sensitive areas and summoning emergency assistance in disabled facilities.

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