

PROVCOM Caster

**PROVCOM Bleep
User App**



IP Speaker



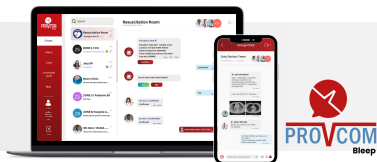
PROVCOM IP Paging Solution

A smart and centralized paging system that includes PoE IP speakers, professional microphones, the PROVCOM Caster engine, and the Bleep user app, enabling clear and real-time announcements across all environments.

Key components

1-PROVCOM Caster

The core paging engine manages speakers, zones, schedules, text-to-speech, integration with third-party systems, and centralized control of the entire IP paging system.



2- PROVCOM Bleep User App

User-friendly app for desktop and mobile devices—used to initiate live or scheduled announcements with support for media files and TTS.

3- IP Speakers

Versatile PoE-powered speaker models (Wall, Ceiling, Horn, Pendant) for various indoor and outdoor paging needs.



4- IP Microphones

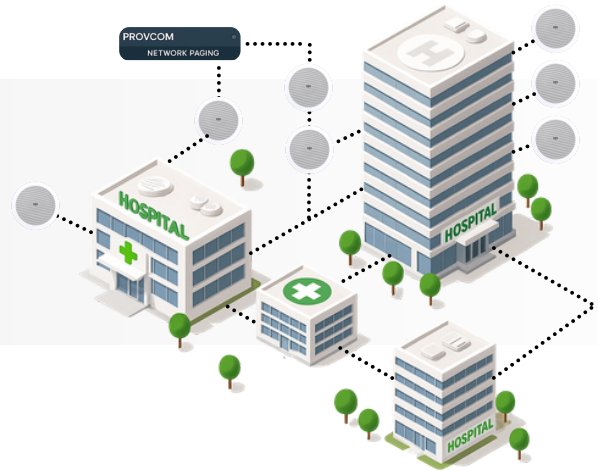
Dedicated hardware microphones for reliable live paging from fixed locations like security desks or control rooms.



**System
Components**

Unlimited Scalability

Easily expand to support unlimited IP speakers across buildings or campuses.



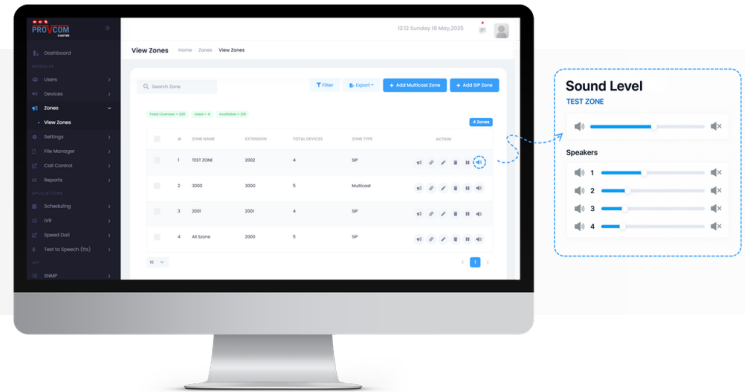
Zones Flexibility

Create custom paging zones that group speakers from the same or different locations—organized by floor, department, building, or based on functionality.

**Key
Features**

Sound Level Controlling

Adjust volume per zone or speaker to suit different environments and needs.



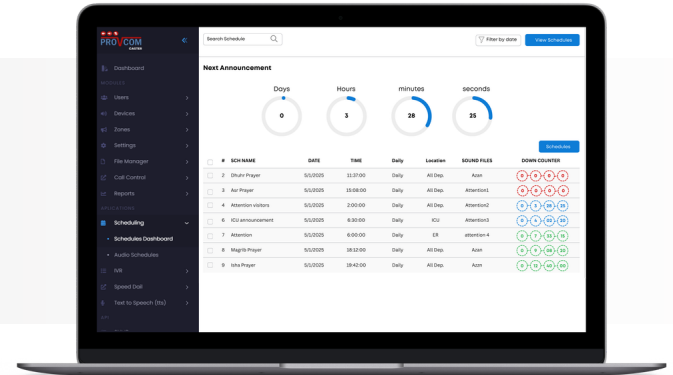
Paging Priority

Define priority levels for different types of paging (e.g., emergency overrides scheduled content or background music).

Key
Features

Scheduled Announcements

Automate background music, reminders, and alerts with a powerful scheduling tool that supports daily, weekly, and custom timing.



Live & Pre-recorded Paging

Broadcast instant voice messages or trigger stored audio files when needed.

Key
Features

Text-to-Speech Engine

Convert typed messages into natural voice in multiple languages and accents.



English	Australia	Ashley ♀
Spanish	United States	Jenny ♀
عربي	United Kingdom	Sara ♀
हिंदी	Canada	Davis ♂
中文	India	Jacob ♂



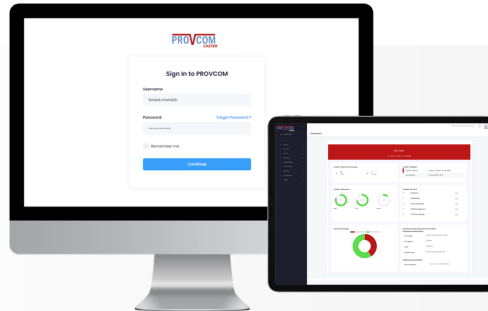
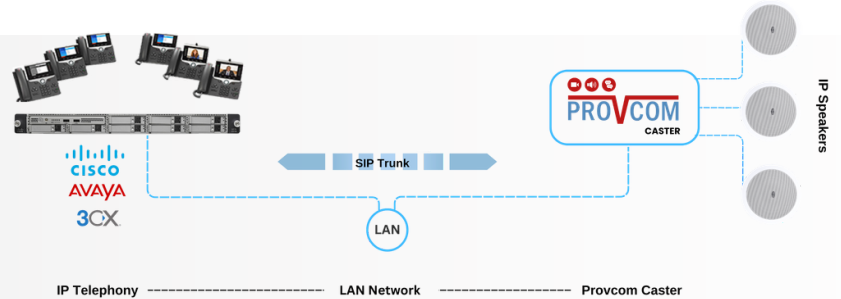
IP Microphone Support

Trigger live paging directly using hardware IP microphones for reliable, fixed-location announcements.

**Key
Features**

Integration with Telephony System

Fully compatible with VoIP platforms like Cisco CUCM ,
Avaya for live paging from any extension.



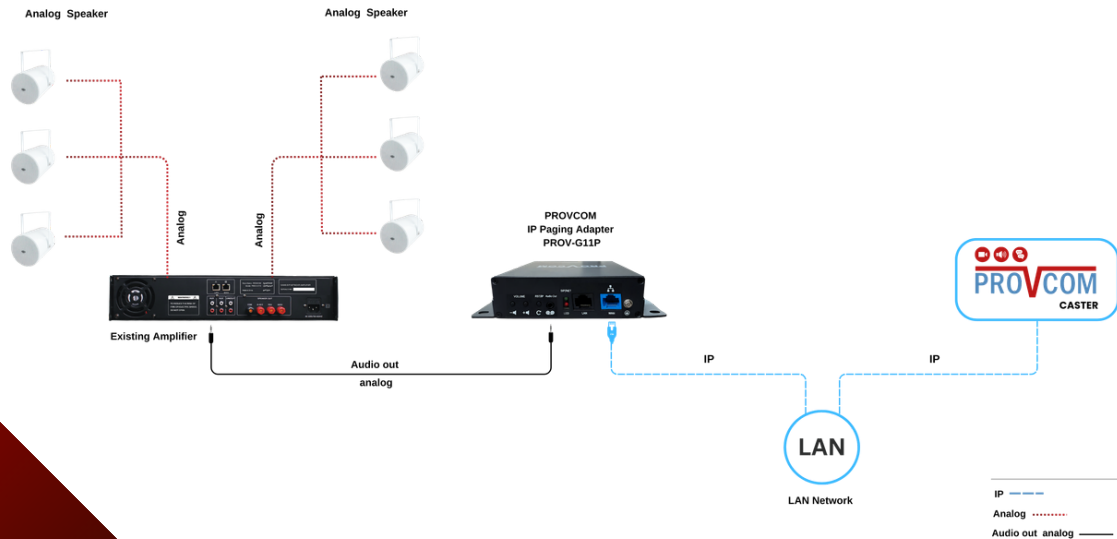
Web-based Centralized Management

Manage and monitor all speakers, zones, and schedules easily, organize, update, and control them through a single secure web dashboard.

**Key
Features**

Integration with Analog Amplifier

Extend the IP paging system to existing analog infrastructure when needed using compatible modules.



**Key
Features**



Use Case Examples

Use Case Overview

Advanced paging systems serve a wide range of industries—improving communication, safety, and operational flow through smart, automated features tailored to each sector's specific needs.

Applications Across Key Sectors

Healthcare Facilities

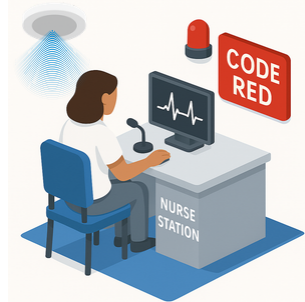
An advanced paging system plays a vital role in improving operational efficiency and patient care within healthcare environments by supporting clear, timely, and automated communication across all departments.

Educational Campuses

Paging systems in educational environments support campus-wide communication, enhance safety procedures, and streamline daily operations through automated and targeted announcements.

Commercial / Retail

In commercial and retail settings, paging systems enhance customer experience, support promotional activities, and improve operational control through centralized and scheduled audio messaging.



Emergency Codes

Trigger emergency alerts from nurse stations or HIS.



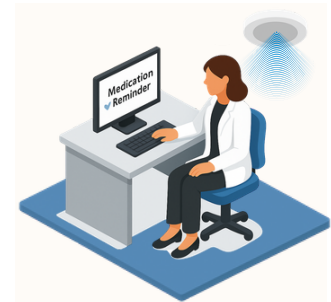
Background Music

Play background music in waiting areas to enhance comfort



Queuing System

Integrate with queuing systems to announce ticket numbers in waiting areas.



Scheduled Reminders

Set reminders for medication, rounds, or quiet hours.



**Healthcare
Facilities**



Educational Campuses



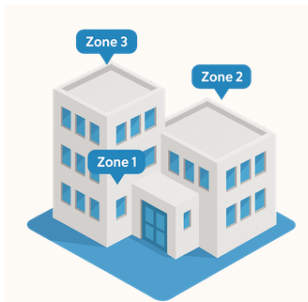
Class Bells & Emergency Alerts

Schedule bell and class change alerts automatically



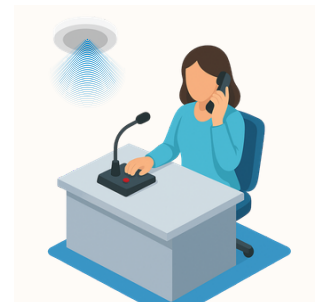
Lockdown Announcements

Trigger lockdown announcements from any phone or app.



Targeted Paging

Page by building, floor, or function



Live Announcements

Trigger lockdown announcements from any phone or app.

phones or admin panels

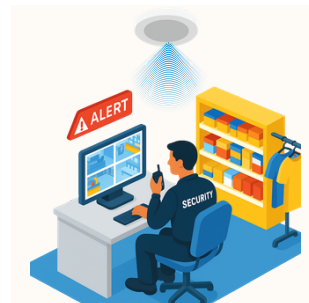


Retail & Commercial



Background Music

Schedule background music per department or floor



Theft Deterrence

Use pre-recorded announcements for theft prevention.



Ad Announcements

Trigger or schedule ads through third-party systems (e.g., retail analytics, CMS)



Centralized Paging

Manage paging for all branches over LAN/WAN.