



Enhance Safety and Operational Control in Correctional Facilities with ZYCOO



- ♦ Zone Paging
- ♦ Safe Intercom
- ♦ Emergency Alarm
- ♦ Access Control



**ZYCOO IP AUDIO SOLUTION
FOR PRISONS**

OVERVIEW



Correctional facilities require robust and reliable communication systems to maintain order, enforce safety, and support efficient operations. A powerful IP audio solution facilitates both routine communication and emergency responsiveness, helping ensure the security of staff, prisoners, and visitors.

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ZYCOO’s Unified IP Audio Solution for Prisons enables two-way intercom and emergency broadcasting across critical areas such as cell block, guard station, dining hall, and visitor area. It delivers a centralized, secure, and responsive communication network tailored for prisons.



With ZYCOO’s IP audio solution, you can flexibly and efficiently address key prison communication needs:



Intercom for rapid assistance in the cell blocks



Emergency alerts throughout the facility



Real-time voice paging in patrol zones



Surveillance-integrated **voice intervention**



Remote access control at entry points



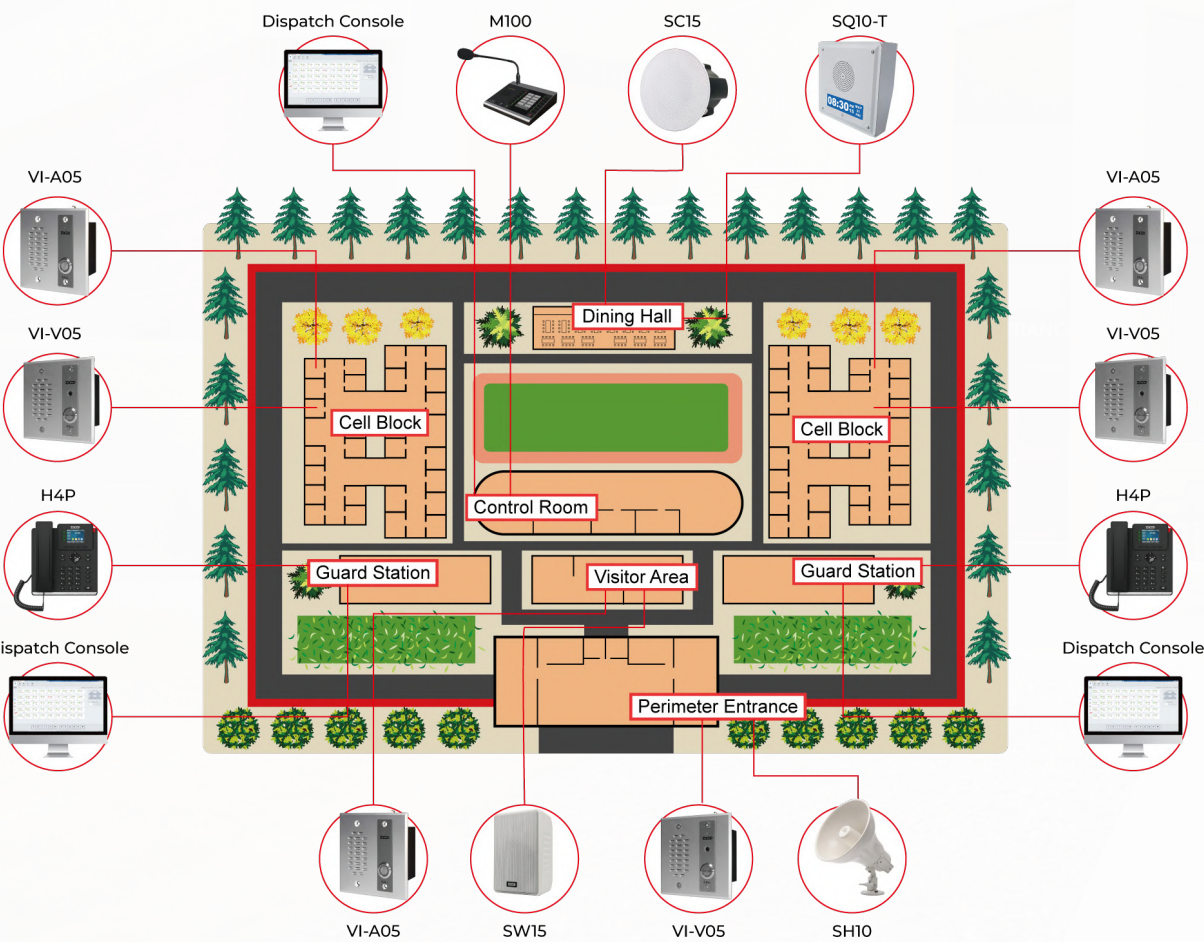
Centralized communication and system management

ZYCOO’s Unified IP Audio Solution integrates IP speakers, intercoms, paging stations, etc., into a highly centralized solution. It enables fast deployment, scalability, and excellent tamper resistance, making it a critical element of modern prison security infrastructure.



DEPLOYMENT IN PRISONS

In correctional environments, security and rapid response are of utmost importance. ZYCOO focuses on the communication needs between officers, security systems, and inmates. By integrating voice paging, emergency alerts, remote monitoring, and intercoms into a unified platform, prison operations become more intelligent and efficient.



RECOMMENDED TECHNOLOGY



SC15



SW15



SQ10



SH10



VI-A05



VI-V05



M100



IAS-L100

FOCUS AREAS



Cell Block

The cell blocks are among the most security-sensitive areas in any correctional facility, requiring strict control over communication and emergency response. Each inmate cell is equipped with a ZYCOO VI-series vandal-proof intercom terminal, allowing prisoners to initiate calls to on-duty officers with a single press.

The devices are designed with vandal-proof construction, ensuring reliability even under harsh conditions.



Guard Station

The guard stations act as the frontline of internal communication. The M100 microphone console empowers officers to manage calls, announcements, and intercoms from a single point.

Integrated with the Dispatch Console software, zone-specific paging and emergency coordination can be efficiently executed.



VI-A05

- ◆ Press to intercom
- ◆ Press to request API
- ◆ Centralized management
- ◆ Vandal-proof plate
- ◆ Tamper alarm design

H4P

- ◆ Making calls
- ◆ Voice paging
- ◆ Customizable fast key
- ◆ Trigger dtmf signal

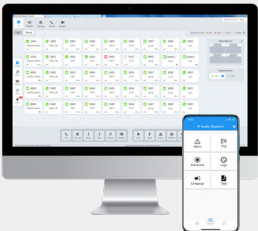


VI-V05

- ◆ Press to intercom
- ◆ Press to request API
- ◆ Provide video screen during intercom
- ◆ Centralized management
- ◆ Vandal-proof plate
- ◆ Tamper alarm design



IP Audio Dispatch Console & Dispatch App



- ◆ Initiate live paging
- ◆ Intercom
- ◆ Send daily announcement
- ◆ Operate audio playback
- ◆ Tasks
- ◆ Real-time device status monitoring
- ◆ Meeting
- ◆ Operate PBX advanced features



Visitor Area

The visitor area is a critical area requiring clear communication, orderly coordination, and reliable emergency response. In this zone, the SW15 wall-mounted speakers are used to deliver routine announcements and procedural guidance to visitors and inmates alike. The SQ10-T speakers are equipped with a visual display that shows real-time time and date information. In emergencies, the SQ10-T can display scrolling text notifications, providing clear visual guidance in addition to audio alerts.

Perimeter Entrance

The perimeter of a prison requires constant awareness and clear communication. SH10 loudspeakers can issue alerts or reminders, while the VI-A05 intercom allows real-time intervention and assistance requests in case of unusual activity.



SW15



- ◆ Daily announcement
- ◆ Scheduling bells
- ◆ Voice paging
- ◆ Emergency alarm
- ◆ Intercom (with button accessory)
- ◆ Centralized management

SH10

- ◆ Daily announcement
- ◆ Scheduling bells
- ◆ Voice paging
- ◆ High volume emergency alarm
- ◆ Intercom (with button accessory)
- ◆ Centralized management
- ◆ Certified in IP66 water & dust proof



SQ10-T

- ◆ Time display
- ◆ Daily announcement
- ◆ Scheduling bells
- ◆ Voice paging
- ◆ High visibility alert
- ◆ Intercom (with button accessory)
- ◆ Centralized management



VI-V05

- ◆ Press to intercom
- ◆ Press to request API
- ◆ Provide video screen during intercom
- ◆ Centralized management
- ◆ Vandal-proof plate
- ◆ Tamper alarm design





Control Room

The control room acts as the operational nerve center. ZYCOO's dispatch interface enables centralized control of all intercoms, speakers, and alarms.

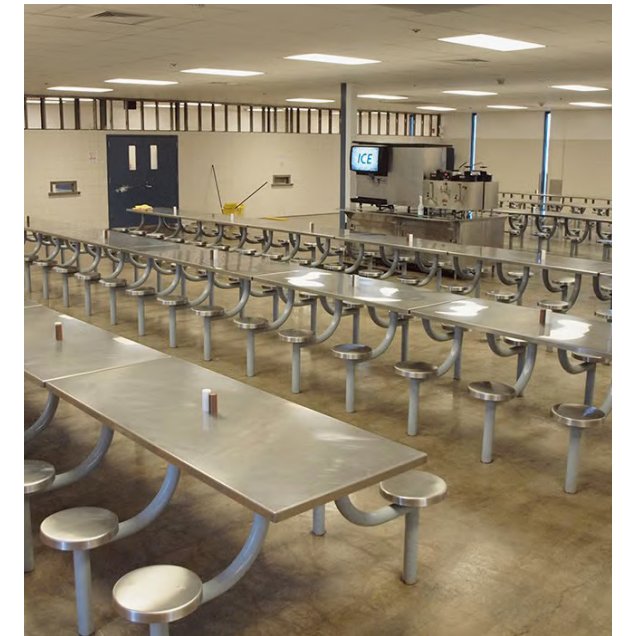
Integrated with video systems, it supports real-time paging and priority alerts directly from surveillance feeds.



Dining Hall

Dining halls are high-traffic zones in prisons where maintaining order is crucial. Installing SC15 ceiling speakers and SQ10 square speakers allows for daily announcements, routine schedule broadcasting, and emergency evacuation guidance.

The system supports zone-specific control to avoid unnecessary disturbances in other areas. In critical situations, officers can initiate real-time voice paging from the console to assert control and prevent incidents.



M100



- ◆ Initiate live paging
- ◆ Intercom
- ◆ Send daily announcement
- ◆ Serverless paging
- ◆ Serverless audio playlist
- ◆ Serverless alarm sound
- ◆ Event scheduler
- ◆ Remote door manage
- ◆ Remote relay control

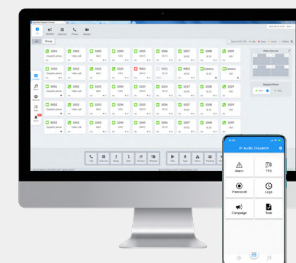
SC15

- ◆ Daily announcement
- ◆ Voice paging
- ◆ Emergency alarm
- ◆ Intercom (with button accessory)
- ◆ Centralized management



IP Audio Dispatch Console & Dispatch App

- ◆ Initiate live paging
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SQ10-T



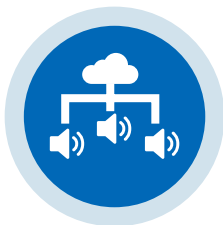
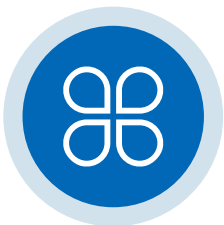
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BENEFITS

01. Comprehensive Server-based Solution Provided

Choose ZYCOO's all-in-one comprehensive IP communication solution. Utilizing a server-client architecture, the server (IP Audio Center) centralized manages endpoint devices, while desktop or mobile software facilitates operations on these endpoint devices, which brings high convenience. And all IP endpoints come with independent GUI interfaces for easy configuration.

This solution provides extensive functionality support, even for advanced telecommunication features like SIP trunk, inbound routing, IVR navigation, and more. It also supports server-less communication modes such as multicast and peer-to-peer (P2P).



02. Standalone Server-less Solution Provided

For those who do not want to use the server, ZYCOO also provides server-less independent microphone console solution based on the M100. Using the M100's multicast feature, it allows some basic features like individual or group announcements and audio playback.

It also supports event scheduling, enabling timetabled tasks to be executed at specific times. With its built-in 32GB industrial-grade TF card, audio files in WAV or MP3 formats can be uploaded, making it an ideal fit for prison environments.



03. Upgrade for Traditional Facilities

For prisons with legacy analog systems, ZYCOO provides an upgrade path via the X10 Paging Gateway. It connects with traditional amplifiers and speakers, enabling them to play IP-based broadcasts and support network paging. The gateway can also integrate analog input devices like microphones and triggers, bridging old infrastructure with modern IP audio communication.

04. Seamless Technical Compatibility

Choose the ONVIF-based independent communication solution. Using an ONVIF supported VMS platform, ZYCOO speakers can be registered for individual paging through software, providing real-time announcements alongside surveillance to stop illegal activities.

Additionally, ZYCOO Dante power amplifier supports the Dante protocol, allowing real-time audio transmission to other Dante devices for enhanced synchronization and audio quality.

