



## AIRPORTS: IP INTERCOM SOLUTION

- Manage multiple communication and security systems at the airport
- Maintain crystal clear audio even in a noisy and busy environment
- Increase operational efficiency with an intelligent and integrated audio platform

**Maximize operational efficiency at any Airport with crystal clear communication from Vingtor-Stentofon. Our systems provide the ability to hear, be heard, and be understood in both operational and critical situations.**

Our advanced intercom solutions can connect all your audio based systems together into one integrated security and audio platform. From one single intercom device, you can now make calls to radios, intercoms, external phones or even broadcast announcements on the PA system.

Intelligible audio is crucial in a busy and noisy airport environment. As a result of decades of research and development, we have fine-tuned our Intercom devices to attain optimal speech intelligibility. This means that in any conversation your voice will sound crystal clear. As a testament of our true dedication to audio clarity, all our devices come with background noise cancellation as a standard.



ACTIVE  
NOISE  
CANCELLATION

HD  
VOICE

SIP

PoE

# INTEGRATED AIRPORT SOLUTIONS

## 1. BAGGAGE HANDLING



Is the baggage stuck or missing? Press a button for instant help.

## 2. POLICE CUSTODY



Cell communication with detainees.

## 3. PARKING



Integrate our intercom kits inside payment machines or barriers to provide easy assistance.

## CONTROL TOWER



Speed-dial ground crew, control room and remote control centers for effective communication.

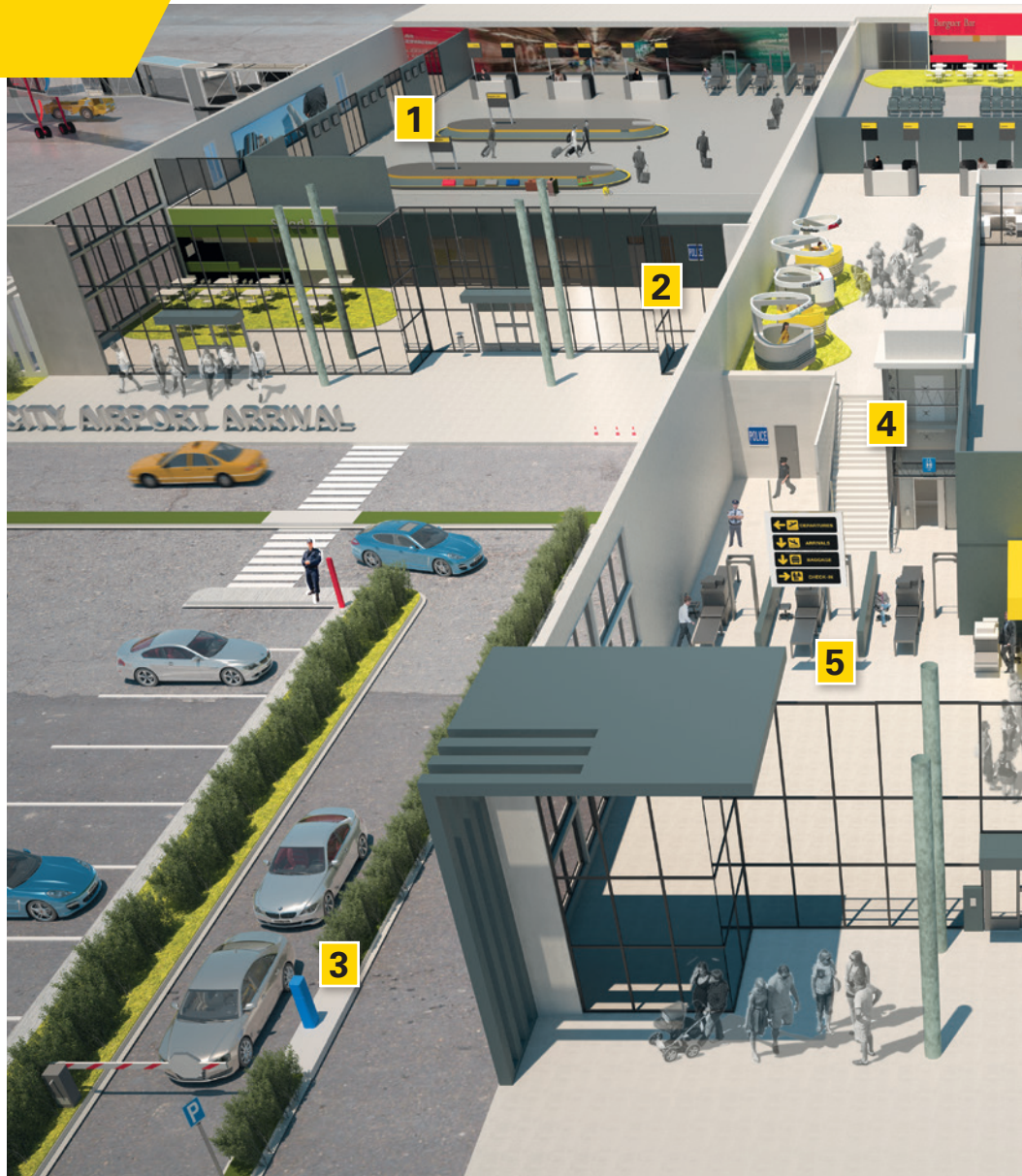
## 4. LIFTS

Integrate our intercom kits inside the existing lift panel in accordance with EN-81 and ADA lift standards.



## 5. SECURITY CHECK

Security officers or other airport staff carrying radios can call any intercom or radio through system integration.



## SECURITY SYSTEM INTEGRATION

Being able to hear and speak while monitoring what is going on is important to control any critical situation as well as completing daily security tasks.

Using intercom, CCTV, access control and other alarm systems in one unified system, provides the most effective use of your security resources. Through open standards like OPC, Vingtor-Stentofon makes

it possible to add intercom features to the central Building Management System. This allows for easier operation and system reporting.

You can play automatic voice messages to prevent harm to people and property. The Intercoms can also broadcast important information to the public from designated IP speakers or even the PA system.





**10. OPERATION CONTROL CENTER**

Integrate with the Building Management System to get access to intercom features from the graphical user interface.



**9. PASSENGER HELP POINT**

Wondering about your flight? Press a button for immediate assistance from any help desk operator instead of waiting in a queue.



**8. CHECK-IN & GATES**

Call any intercom, phone, radio/DECT phone and make PA announcements from one single intercom device by just pressing a button.



**6. DOOR ENTRANCES & BARRIERS**

Call for help to remotely open doors and barriers while activating the CCTV.



**7. MEDICAL EMERGENCY**

Keep informed about emergency incidents and communicate with paramedics via radio/DECT from the same intercom device.



**WE HAVE 24/7 CUSTOMER SERVICE**

**+47 4000 2700**

**AUDIO SYSTEM INTEGRATION**

For easy operation, Vingtor-Stentofon offers the use of one single intercom device that can speak to almost any external audio devices including external telephones, radios, DECT phones, and almost any PA system.

Our solution offers conversations that include both intercom and radio users in the same group call. During a critical event, you can even play pre-recorded

messages to security radios as well as the control center.

Need to broadcast any PA message? No problem, you can use the intercom for broadcasting, no extra devices required. Our intercoms also have speed buttons to call internal or external numbers or for activating certain audio features.

## OUR SOLUTION:

Our systems interface with other security systems including Building Management System, CCTV, access control and alarms for a comprehensive security solution.



### CRITICAL COMMUNICATION OVER IP

CCoIP employs VoIP, but takes it a step further by adding new IP services and applications which integrate security and audio quality necessary for critical situations and environments.



### HIGH DEFINITION VOICE

HD Voice refers to the next generation voice quality for IP telephony compared to standard digital telephony. HD Voice uses wideband codecs (such as G.722) to reproduce the human voice with wider frequency coverage. The result is a significantly more natural sounding voice and a wider range of sounds promoting audio clarity and clear conversation.



### ACTIVE NOISE CANCELLATION

Our Active Noise Cancellation software effectively eliminates unwanted noise, providing a clear voice signal even if the original voice has a lower decibel level than the surrounding noise.



### AUDIO RECORDING

Our recorder and audio analytics solution has the capacity to record audio and video, permanent audio streaming and identify the sound from car alarms, voice aggression, gun shots and breaking glass.

## WHY VINGTOR-STENTOFON?

The Vingtor-Stentofon critical communication portfolio offers state of the art quality audio software and hardware. Just press a button and you can call for immediate assistance, help, and support. The voice on the other end can be heard loud and clear, thus eliminating misunderstandings or misinterpretations. Even in very noisy environments we offer crystal clear audio, driven by our Turbine devices with 10-Watt amplifiers and active noise cancellation software. Our quality products are built to last with backwards compatibility, hence reducing the cost of ownership.

## SELECTED REFERENCES:

Visit us online at [zenitel.com](http://zenitel.com) for more information about our references and even more Vingtor-Stentofon projects within building security.



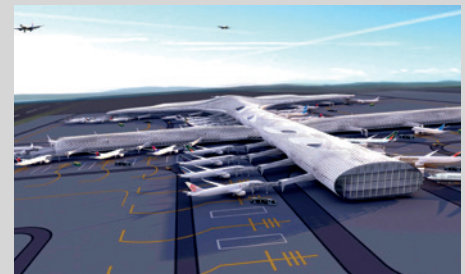
### OSLO AIRPORT

GARDERMOEN, NORWAY



### BEN GURION AIRPORT

TEL-AVIV, ISRAEL



### SHENZHEN AIRPORT

SHENZHEN, CHINA



### SEA-TAC AIRPORT

SEATTLE, USA