



SEGMENT:	TRANSPORTATION
SYSTEM:	IP INTERCOM
DOC TYPE:	SOLUTION SHEET

# HEAR AND BE HEARD

## TRANSPORTATION: IP SOLUTIONS

- Would you rely on an airport without any gate or flight announcements?
- Have you ever been at the railway station and missed important announcements due to low audio quality?
- Have you ever been stuck because the ticket machine didn't work at the parking barrier gate or the toll booth?

## ENHANCE SECURITY, SAFETY AND EFFICIENCY THROUGH VINGTOR-STENTOFON AUDIO

Vingtor-Stentofon offers integrated communication solutions for a wide range of infrastructure projects such as toll booths, airports, roadside & tunnel assistance, harbor docks & ports, city surveillance systems, and trains & metros. With Vingtor-Stentofon assistance and surveillance through integrated audio, we add an invaluable feature to the overall security system. In case of an unexpected event, the public can rely on instant audio communication with a central control room

and receive security announcements and alerts through equipment providing crisp and clear audio. Through our SIP capabilities, we also offer communication points in a pre-existing or new VoIP system. Integration with other systems comes alive with Vingtor-Stentofon OPC and Vingtor-Stentofon SDK.





## LOCKS



Audio access control and navigation assistance

## REMOTE PUBLIC AREAS



Emergency/Help Points integrated with CCTV improves detection and prevention of aggression

## CITY SURVEILLANCE



Emergency/Help Points integrated with CCTV improves detection and prevention of aggression

## PARKING



Assistance with gate access and ticketing. Emergency/Help Points integrated with CCTV improves detection and prevention of aggression

## AIRPORT COMMUNICATIONS

PA zones setup for gate announcements and emergency messages throughout the entire airport



VINGTOR  STENTOFON



## PORTS



Access control and remote management of entrance points



## RAIL AND METRO

Customer service and safety through IP-Based, HD Voice Public Address systems and help points. Loud-speaking intercoms throughout the track. Radio/GSM-R, CCTV and IPBX integration

## PUBLIC PARKS



Emergency/Help Points integrated with CCTV improves detection and prevention of aggression

## TOLLBOOTH OPERATIONS



Remote assistance at barrier gates and improved access control with audio identification

## SAFETY AND SECURITY IN TUNNELS



Use of audio to inform the public of security procedures and safety rules in case of emergencies or unforeseen incidents



## HELP POINTS ON HIGHWAYS

High quality audio support in case of breakdowns or other emergencies





# OUR RECOMMENDATIONS



## CONTROL ROOM MASTER

- Up to 100 programmable Direct Access Keys (DAK)
- Integrated managed data switch providing advanced networking and security features



## IP HOTLINE STATION

- Made for critical communication for roadside and tunnel environments with superb audio quality
- Supports VoIP with SIP and STENTOFON CCoIP with AlphaCom XE



## TURBINE TCIS-1 & TCIS-2

- Ideal as intercoms at doors, gates and barriers
- Universal design adapted for people with disabilities
- Extreme robustness



## IP HEAVY DUTY TELEPHONE - HOTLINE

- Made for critical communication in rugged environments
- Extremely water and dust resistant (IP67)
- Very durable with 5 mm aluminum casing and stainless steel components



## EXIGO IP HORN SPEAKER

- Ideal for responding to security incidents
- Group announcements



## EXIGO NETWORK AMPLIFIER

- Ideal for delivering distributed PA
- 2x200W Class D amplifier
- IP Networking

## 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 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 stations with 10 Watt amplifiers and active noise cancellation software included. Our quality products are built to last with backwards compatibility; this reduces the cost of ownership.

# SELECTED REFERENCES:

VISIT US ONLINE AT **ZENITEL.COM** FOR MORE INFORMATION ABOUT OUR REFERENCES AND MORE VINGTOR-STENTOFON PROJECTS WITHIN INFRASTRUCTURE.



## METRO DE CARACAS

CARACAS, VENEZUELA



## AUTOROUTES DU SUD DE LA FRANCE (ASF)

HIGHWAY TOLL STATIONS IN SOUTH-WEST FRANCE



## CITY SURVEILLANCE IN JOHOR BARU

JOHOR BARU, MALAYSIA



## DENVER INTERNATIONAL AIRPORT

DENVER, COLORADO, USA

