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SMART CITIES  
**WE GIVE CITIES  
A VOICE**

Informing, helping and protecting People in Cities

**TRUSTED. COMMUNICATION. ALWAYS.**

# INFORMING - HELPING - PROTECTING - IMPROVING SMART CITY APPLICATIONS



Make your city even smarter with Commend communication and security solutions that inform people in everyday life, help and even protect in emergency situations.

Everyday questions and difficulties are quickly solved by means of voice communication. Together with video, it enables emergency forces and emergency call centres to quickly and easily assess the situation and act accordingly in the event of a danger or problem. Reliable communication with highest audio quality minimizes the risk of misunderstandings, significantly reduces incident reaction times and allows you to interact with people and give instructions without leaving the office. Let's protect the people in your city - because a smart city is a safe city.

## STREETLIGHTS

As "essential feature" in the urban environments, smart street lights can do much more than just lighting up. Equipped with networked emergency call stations, smart street lights can increase the safety in the city even further.

## TALKING CAMERAS

In critical situations, the camera view alone is often not enough. Complementary listening and above all being heard, as well as active intervention through voice on the spot, are valuable tools for more safety in the city.

## HELP POINTS AT FREQUENTED PLACES

Problems arise when they are least expected. Help points with integrated communication solutions enable people to get in contact with security personnel and allow real-time interaction which minimizes the incident resolution time.

## FOR UNFORSEEN EVENTS ...



## PARKING MANAGEMENT

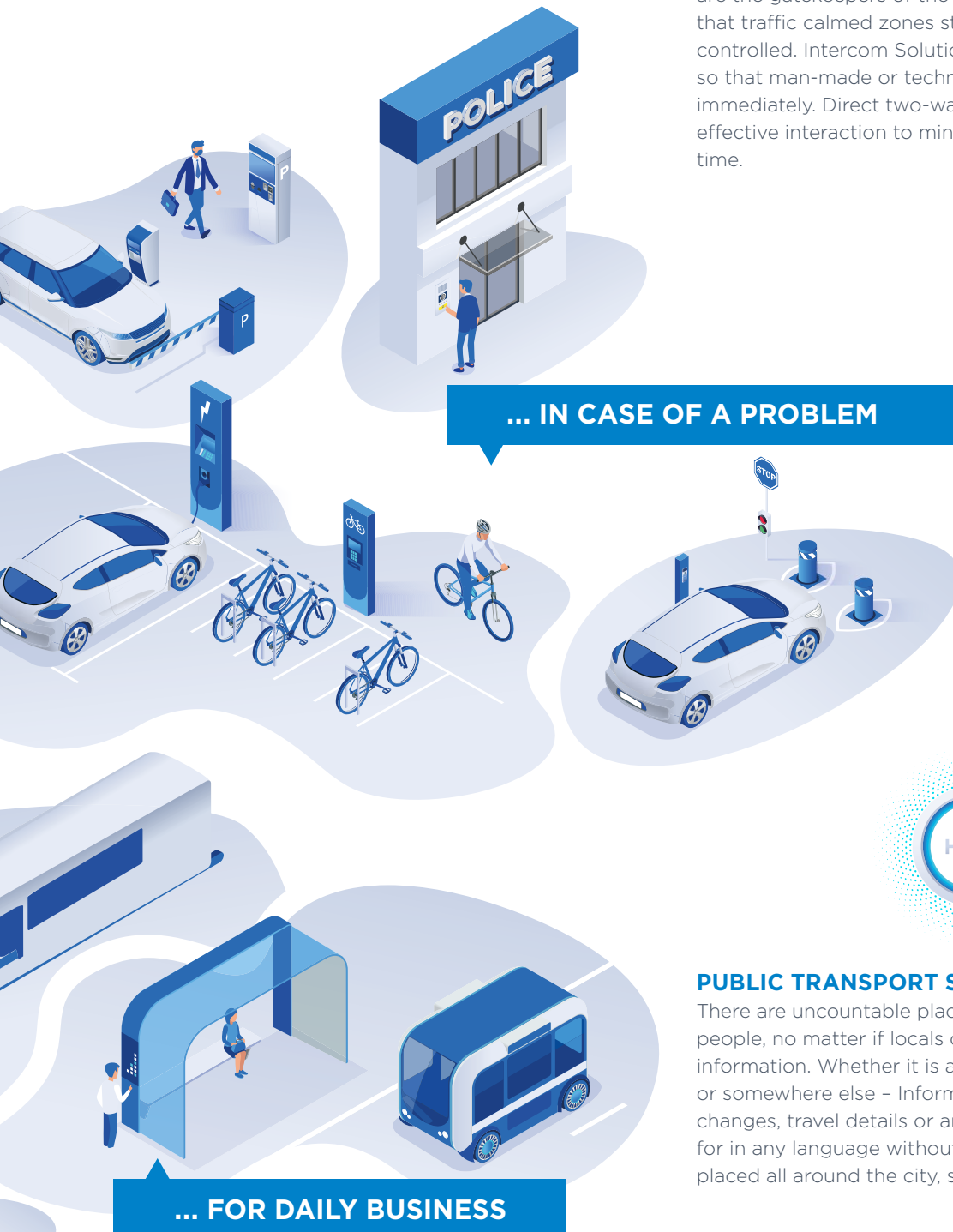
Car parking facilities are (almost) everywhere, from on-street parking bays and open-air lots to multi-storey parking garages and fully automated car parks. What they all need in order to function efficiently and generate revenue is efficient and reliable communication between the control room and the parking customers, 24/7.

## CHARGING AND SELF-SERVICE STATIONS

Not everything is self-explanatory. With integrated two-way communication you can easily provide support whenever needed without having personnel at every charging and self-service station.

## INTERCOM SOLUTIONS FOR BOLLARDS

Cities have been flooded with cars for years. Bollards are the gatekeepers of the 21<sup>st</sup> century. They ensure that traffic calmed zones stay calm. Access needs to be controlled. Intercom Solutions step in at every bollard so that man-made or technical problems can be solved immediately. Direct two-way communication allows effective interaction to minimize the problem resolution time.



## PUBLIC TRANSPORT STOPS

There are uncountable places and situations where people, no matter if locals or foreigners, need information. Whether it is at the bus stop, train station or somewhere else – Informing people about timetable changes, travel details or any location they are searching for in any language without having personnel to be placed all around the city, saves time and money.

# IMMEDIATE ASSISTANCE AND HELP PUTTING CITIES IN THE LIMELIGHT

Lost orientation? Information centre closed? Which bus will take me to my destination? Especially tourists often struggle with these questions, but also locals need information about bus or train timetables.



Symbolic image

## INFO TERMINALS AND HELP POINTS

Information Terminals and Help Points provide answers to frequently asked questions, information regarding public transport and many more. But what happens if there is still something unclear, a problem arises, or danger is imminent?

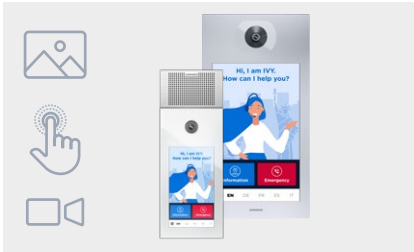
Integrated Communication Solutions allow people to contact the service company, emergency organizations or the security company directly via the information terminal or help point. This guarantees fast incident reaction especially in critical situations.

Commend Communication and Emergency Call Solutions offer reliable, fast and high-quality video and audio communication which you can count on in any situation.

## INTERACTION USING API

IP-Intercom modules can be integrated into any information kiosk, advertising display or ticket vending machine to save space. Both systems can interact with each other via the SymMX API and thus, for example, trigger calls via the touchscreen.

## INFORMING, HELPING AND PROTECTING PEOPLE IN CITIES



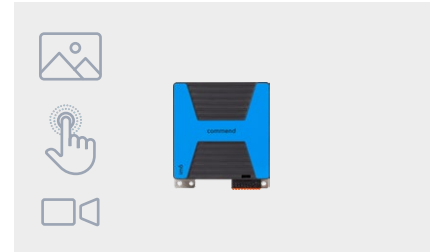
### od5/od10 Touchscreen-Stations

With IP65 protection, they are suitable for outdoor areas. The user interface can be designed according to the application and external content can also be integrated.



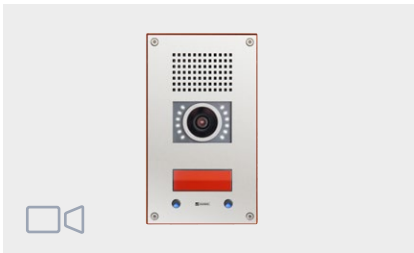
### im3 - compact Intercom Module

IP-Intercom module with camera support (cm3) for integration into information kiosks, ticket vending machines, street lights, bollards and other equipment.



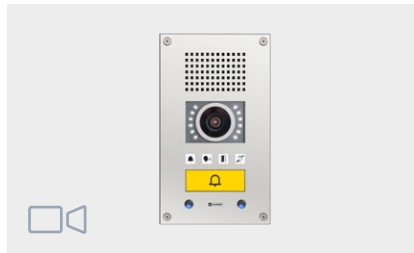
### im6 - Multi-Sensory Intercom Module

IP-Intercom module with display support (incl. touch screens) and camera support (cm3) for building information kiosks and help points.



### WS 311V CM - Vandal resistant Emergency Call Station

Intercom station with camera and large emergency call button.



### WS 311V DA - Vandal resistant and DDA/ADA compliant Station

Intercom station with one large call button, camera, induction loop and LED pictograms for barrier-free communication.



### WS 303V CM - Vandal resistant Station

Intercom station with camera and 3 call buttons for outdoor areas and solutions with few call destinations.

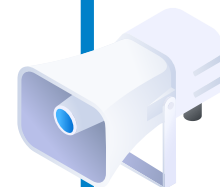


## BOLLARDS - THE NEW SMART CITY'S SECURITY GUARDS

The main goal of bollards is to calm down the city. However, traffic free is mostly not possible. Residents, suppliers, employees and hotel guests need access to the city. Bollards enable authorized people to enter and leave the traffic calmed zones.

Key/remote control forgotten? Not familiar with the area or a hotel guest and no authorization? No problem.

With Intercom stations at the bollards they help to make sure that those with permission to enter won't be left standing at the bollard. At the touch of a button or a touch gesture, a quick direct call to the help desk is all it takes to get the bollards down.



**SOUNDS  
GREAT!**

THREAT IDENTIFIED, NOW WHAT?

# SAFETY FOR THE CITY IN SOUND AND VISION



## SMART STREET LIGHTS FOR INFORMATION AND EMERGENCY CALLS

Let your city not only light up, but also talk. In smart cities, street lighting takes on additional functions: intelligent lighting control, WiFi or integrated voice communication for information and emergency calls. Make your city safer and your street lights even smarter with integrated communication and emergency call solutions from Commend, because fast, secure communication can protect lives.

## IMPROVING CITY SAFETY WITH TALKING CAMERAS

Audio and video form the perfect security team, as the camera view alone is often not enough to get a clear picture of the underlying situation. With integrated Communication Solutions you can – in case of emergency - directly get in touch, guide, intervene and communicate with people in the affected areas. Be one step ahead and make your city smarter than ever.

## VOICE COMMUNICATION

# SMART CITY APP INTEGRATION

Smart city apps are finding their way onto citizens' smartphones and everything from official channels to citizens' initiatives, from parking permits to information about places of interest - everything can be conveniently handled at any time.

These apps provide valuable services in dangerous situations and allow citizens to be immediately alerted via push notifications. Commend brings voice communication to these apps. With just one tap mobile phones become voice stations with powerful emergency call and communication functions.



The „sound of the city“ - its acoustic profile - is an important, though often overlooked, source of actionable information. Noise pollution caused by traffic, construction sites, airports and industrial operations, is a growing challenge in terms of health and quality of city life.

Targeted counter-measures require an accurate situational analysis based on acoustic data. Commend Smart City solutions are ideally suited to enable the systematic collection and documentation of relevant data via Intercom stations and two-way loudspeakers (see also “Talking Cameras”).



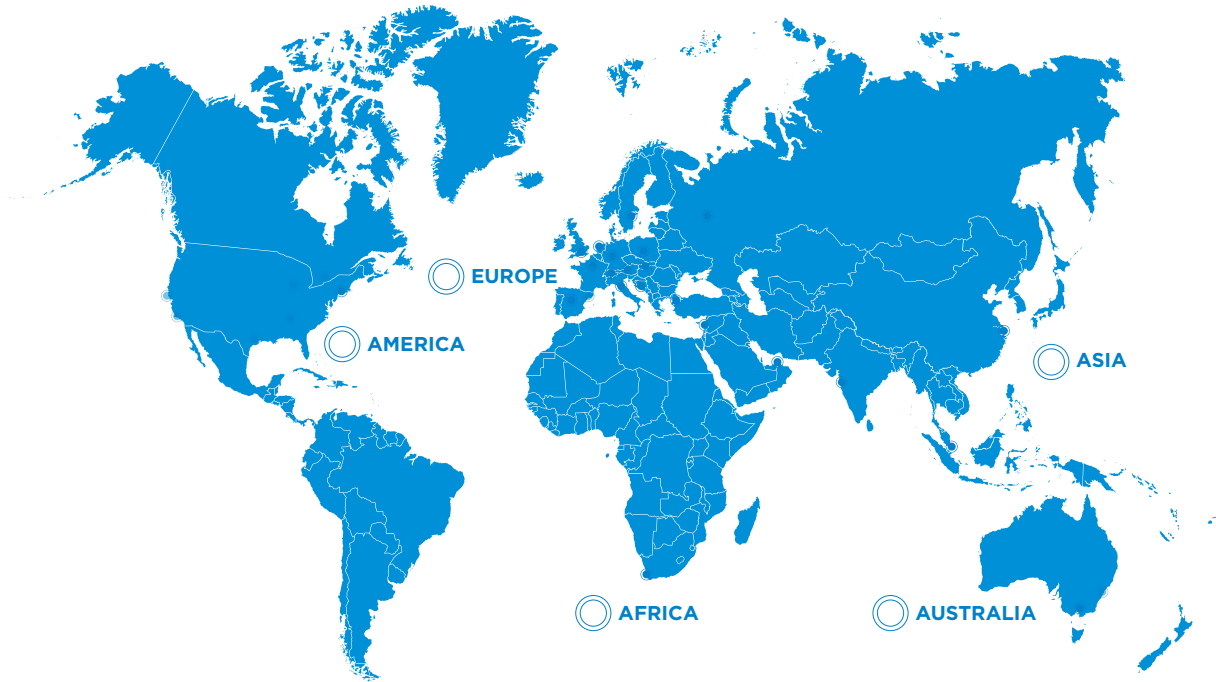


## COMMEND WORLDWIDE

23 subsidiaries/partners operating in more than 59 countries.  
More than 500 employees worldwide.



member of the



### TRUSTED. COMMUNICATION. ALWAYS.

Can you imagine a system that millions of people rely on every day, where every word has to count? This is the world of Commend! Secure, reliable communication is our passion. As a global market leader with more than 50 years of experience in speech transmission, we provide not just Intercom and video connections with interfaces to third-party systems, we also provide products that open up new possibilities for integrated solutions. Commend is the preferred choice for hands-free voice communication systems all over the world.

### CYBER SECURITY

Digital processes make life a lot easier. However, with all the benefits, also the dark sides arise. Digitization offers space for cybercrime. As a result, cyber security is constantly in our focus. It determines the way we develop products, which IT technologies we use in our products and how we fulfil our commitment to regular updates, including new IT security fixes, because Privacy and Security by Design is our top priority at Commend. Commend International is ISO 27001 certified – Information Security Management. Learn more: [trust.commend.com](https://trust.commend.com)



### QUALITY TESTED. RELIABLE. WELL-DESIGNED.

Commend products are developed and manufactured by Commend International in Salzburg, Austria. Our development and manufacturing processes are certified in accordance with EN ISO 9001:2015. Security by Design is our top priority at Commend.

Do you also want to learn more about Smart City Solutions by Commend? Please contact us.