



All Functionalities In One Application



ZONITH Police In Vehicle PC Solution enables you to control every aspect of the police vehicle from one touch screen application in the center console. This includes activation of blue lights, sirens, use of satellite navigation, route planning, traffic camera systems, digital radio and access to central databases.

The software is developed in close cooperation with police forces, designed to minimize network traffic load and optimize police work, enabling police officers to spend more time in the field and less at the station.

You get

- ▶ **Full Control from One Device**
Easy and Fast User Interface
Easy and Safe Information Access
- ▶ **More Efficient Police Work**
Designed Especially for Police
In Collaboration with the Police

Targeted Dedicated to Police Forces



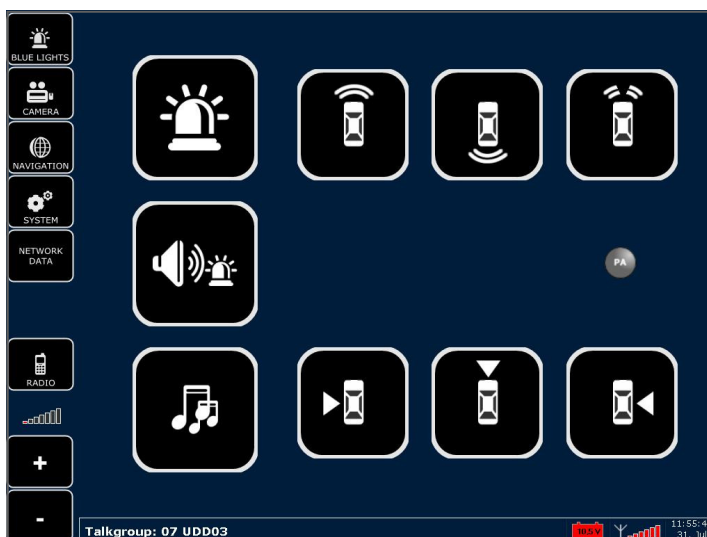
All the Controls in One Interface

A complete in-vehicle solution designed for the specific needs of a professional and active police force. A modular platform where it is possible to pick and choose between a long list of relevant applications for specific police forces. The ZONITH Police In-Vehicle PC-application integrates all main police vehicle functionalities into one central user defined touch screen interface.

This enables users to operate applications like blue-lights, sirens, satellite navigation, camera systems and radio. Central databases such as vehicle license registers, crime registers and international registers is possible using advanced, intelligent data handling.

Developed Specifically for Police Forces

The development of this solution have been accompanied by the advice of officers who are using the application in their daily work. The result is software which optimizes their time, enabling officers to carry out most of their work in the field.



A screen shot from the "Blue lights"-section of the In-Vehicle Police Application. The interface is designed for easy and speedy navigation under any kind of circumstances like high-speed chases and the likes.

Status bar in the bottom of the screen enables you to follow all active programs. If an application needs attention it will light up on the left and in the status bar.

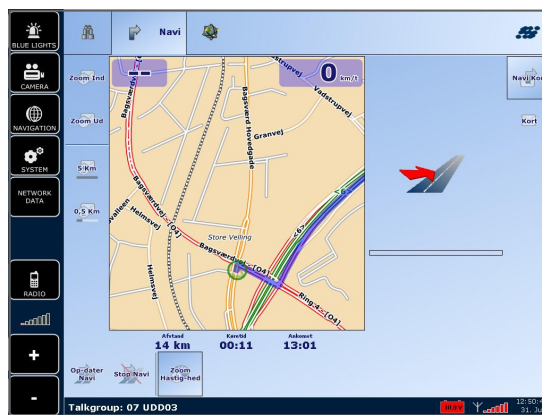
Modular Solution Applications for Your Needs

Blue lights

Controls and status of blue lights and siren.

Navigation

Controls of GPS. Here you can utilize standard navigation functionality like route planning and setting points of interests (police stations, hospitals) etc.



Radio

Standard TETRA radio functionality like receiving and making voice calls, choosing talk groups, changing between TMO and DMO, making private calls and activating radio emergency button functionality.

System

The PC system functionalities like pc sound control and shut down/restart for standard users. Administrators can access System information like CPU usage, application versions and other standard configurations.

Camera

For recording, storing, deleting and viewing video. Automatically stores 24 hours of recordings, which can be accessed by the police officers. Video can be transferred to USB dongle, specifically configured for the specific system.

Network Data

This type of application enables you to quickly and safely transfer confident information from central databases to the police vehicle. Registers like vehicle license registers, crime registers and international police databases using advanced intelligent data handling applications. It uses advanced encryption between the pc and central database, which enables secure access to citizen data.



Paper Work In-Vehicle Your New Office



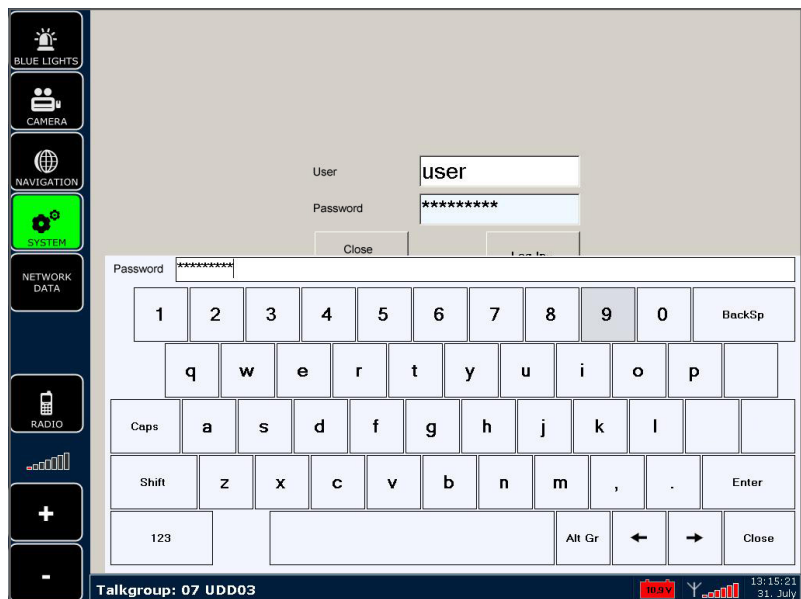
The Future of Police Work is Here

Imagine doing everything from the police vehicle. Doing the preliminary report on your small flip-out keyboard, printing fines out of the dashboard of the car and taking credit card payment to get the fine out of the way on the spot.

With the new digital radio formats it is possible to send and receive encrypted text information, like package data and SDS, in the police vehicles. This opens up for completely new usage of the in-vehicle applications.

It is now possible to access central databases from the vehicle. Crime registers, vehicle license registers and international registers can be accessed and updated by police officers in the field.

The ZONITH Police Vehicle Pc makes use of efficient data handling over digital radio or other data bearers to minimize network traffic load.



A screen shot from the log in-screen of the ZONITH In-Vehicle Police Application. Keeping the data safe is paramount and the session will time out shortly after use.

Endless Possibilities **Application Catalogue**

More Applications

Through the cooperation with the Police, many visions came to life. Sentences like "It would be great if..." were said numerous times by the police officers, who were interviewed in the course of the development process. The list below is a result of this process, where the officers' wishes were taken seriously and can be applied if necessary.



List of Additional Applications

- ▶ Task menu - the vehicle end of the central fleet management system, with overview of neighbouring police vehicles, their status, availability and more.
- ▶ Automatic Number Plate Recognition (ANPR)
- ▶ Analogue Radio Control
- ▶ GSM Mobile Phone Control incl. common address book
- ▶ Back Camera on the Touch Screen when in Back Gear
- ▶ FM Radio Control Panel with Traffic Announcements
- ▶ Speed Monitoring (Triptrack)
- ▶ Vehicle Cabin Monitoring
- ▶ In-Vehicle Printer for Fines
- ▶ Credit card reader for on site payment of traffic fines
- ▶ Vehicle diagnostics via CAN bus
- ▶ Remote software update of digital radios
- ▶ Black-box logging of events; speed, voice communication etc.
- ▶ WLAN for automatic data transfer when vehicle is back at station (encrypted)
- ▶ Door opening and closing via CAN bus incl. "dog cells"

Better Use of Time Benefits



System Benefits

- ▶ Made Specifically for the Police
- ▶ Made in Close Cooperation with the Police.
- ▶ Easy, Intuitive Interface
- ▶ Enables Police Officers to Stay in the Field as Much as Possible.

Key Features

- ▶ Safe Transfer of Information from Registers to Police Vehicles.
- ▶ SDS and Packet Data Provide Efficient use of TETRA bandwidth
- ▶ Fleet Management Overview Incorporates Status Messages for Information about Availability and Work Progress

” With an in-vehicle pc solution completely dedicated to the work of police forces, this application will optimize the time in the field as much as possible with the technology of today and tomorrow. ”

Sendy H. Alstrøm, Project Manager, Danish Police

In cooperation with:

Zonith A/S

Zonith was founded in 2000 by a group of former Nokia engineers, with the ambition to make alarm handling much easier and much more cost effective.

Zonith software is a part of solutions worldwide, and is used in businesses as different as Power Plants, Office Buildings, Production Plants, National Emergency Services and more.