

# Software for World-Leading Video Surveillance Systems

Developing reliable software for world-leading security systems since 2007

## BUSINESS CHALLENGE

Develop a CCTV and video surveillance system; adjust it for the topmost European customers. Ensure application stability under heavy loading.

## SOLUTION

Developed the software with a rich UI, camera controls, and live video playback for tablets and mobile devices. The solution covers a wide range of platforms and all aspects of Security & Access Management.

## BUSINESS VALUE

Enabled Bosch with high-quality products that are now being delivered to thousands of customers worldwide. Reduced time-to-market and costs. Provided technology expertise, which the customer didn't have internally.

## TECHNOLOGY

C++ C# NET 3.5 NET 4.0

WinForms WPF WCF

MFC Sockets QT COM

iOS Android Android NDK

HTTP STL Boost SQL

Sockets H.264 video codecs

FFMPEG Rhino Mocks

OxyPlot

## CLIENT BACKGROUND

[Bosch Security Systems](#) is a leading global supplier of security, safety, and communications products and systems. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Bosch Security Systems develops and manufactures its products in its own plants in Europe, Americas and Asia and has distribution partners in more than 150 countries.

## CUSTOMER QUOTE

” *Infopulse has proven to be the reliable partner we can trust. The software development teams have already done a great contribution to the launch of state-of-the-art Bosch security software systems and we are looking forward to further cooperation with these talented and highly motivated people.*

**Dr. Sabine Berninger, Director Engineering  
Video Management Systems**

## BUSINESS CHALLENGE

Bosch Security Systems approached Infopulse with the need to establish a long-term, reliable and permanent partnership. Having growing demands in the development pipeline and end-customer requests, they were looking for a flexible and client-oriented partner in order to optimize their cost structure.

Bosch required to develop a CCTV and video surveillance system and adjust it for the topmost European customers. Application stability under heavy loading was among the key requirements.

## SOLUTION

Infopulse developed the software for a wide range of platforms covering all aspects of Security & Access Management, such as access control, alarm, intrusion detection, fire detection, evacuation etc.

To ensure superior quality, Test Lab was set up to perform 24/7 end-to-end solution testing from hardware drivers to business applications.

The solution has a rich UI, camera controls, and live video playback for tablets and mobile devices.

### Types of services

- Software Development Services (C++, .NET, and Mobile)
- Quality Control and Assurance Services
- Sustaining and maintaining of legacy software systems
- Creation of system images for various platforms

## BUSINESS VALUE


- Enabled Bosch with high-quality video surveillance products that are now being delivered to thousands of customers worldwide: airports, train stations, banks, hospitals, power plants, stadiums, theaters, universities etc.
- Reduced time-to-market and costs
- Provided technology expertise, which the customer didn't have internally
- Ensured proactive support of the client's requirements



# About Infopulse

Infopulse, part of Nordic IT group EVERY A/S, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 1,900 professionals and is represented in 10 countries across Western and Eastern Europe. Infopulse is trusted by many established brands, such as BICS, Bosch, British American Tobacco, Citrix, Credit Agricole, ING Bank, Gorenje, METRO Cash & Carry, Microsoft, Mondelēz, OTP Bank, Raiffeisen Bank Aval, SAP, UkrSibbank BNP Paribas Group, VEON, Vodafone, and others. For more information, please visit [www.infopulse.com](http://www.infopulse.com).

## CONTACT US:

 +380 (44) 585-25-00

 [info@infopulse.com](mailto:info@infopulse.com)

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