HOTEL SOLUTIONS BY BOSCH SECURITY SYSTEMS

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Hotel Solutions from Bosch Security Systems
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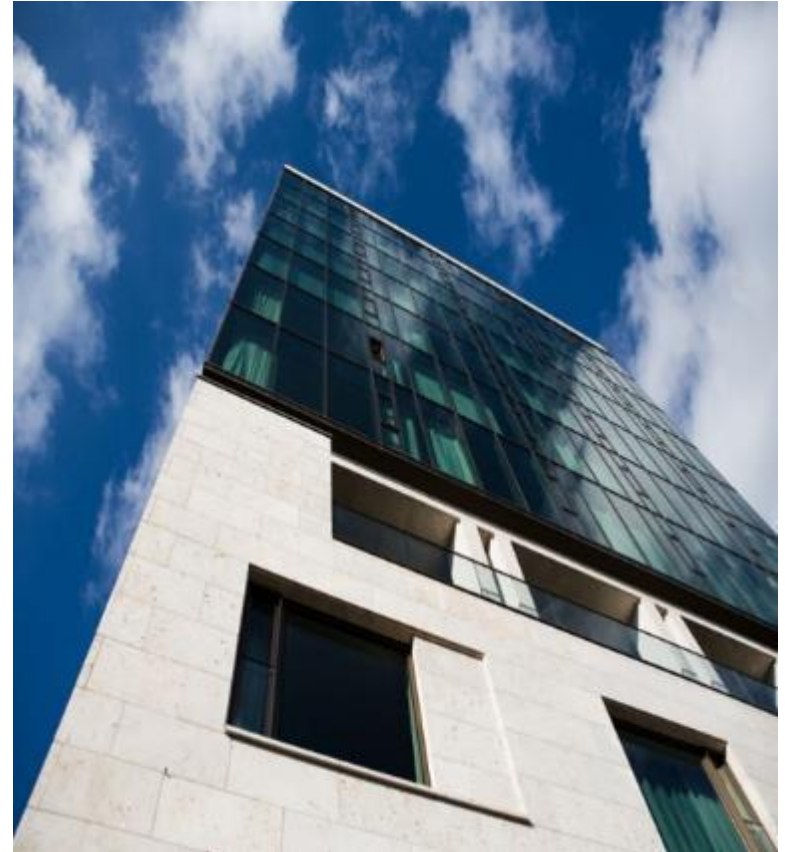
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LODGING VERTICAL INSIGHTS BY BOSCH SECURITY SYSTEMS

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Lodging – Vertical Insights by Bosch Security Systems
Definition of a hotel

▶ Hotels are commercial establishments, providing lodging, meals and some other guest services

▶ Although hotels are classified into different 'Star' categories, there is no standard method of assigning these ratings, and compliance with customary requirements is voluntary

▶ There are vast variety of hotel types and hotel premises types.

▶ People and their purpose of visit are very different

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Lodging – Vertical Insights by Bosch Security Systems
Major hotel business models

Owner/operator

Management company

Brand/Franchisor

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Lodging – Vertical Insights by Bosch Security Systems
Hotel types

Location

Size

Target markets

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HOTEL TECHNOLOGY TRENDS

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Did you know that…

HOTELS' BIGGEST ASSEST IS THE GUEST SATISFACTION

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Lodging – Vertical Insights by Bosch Security Systems
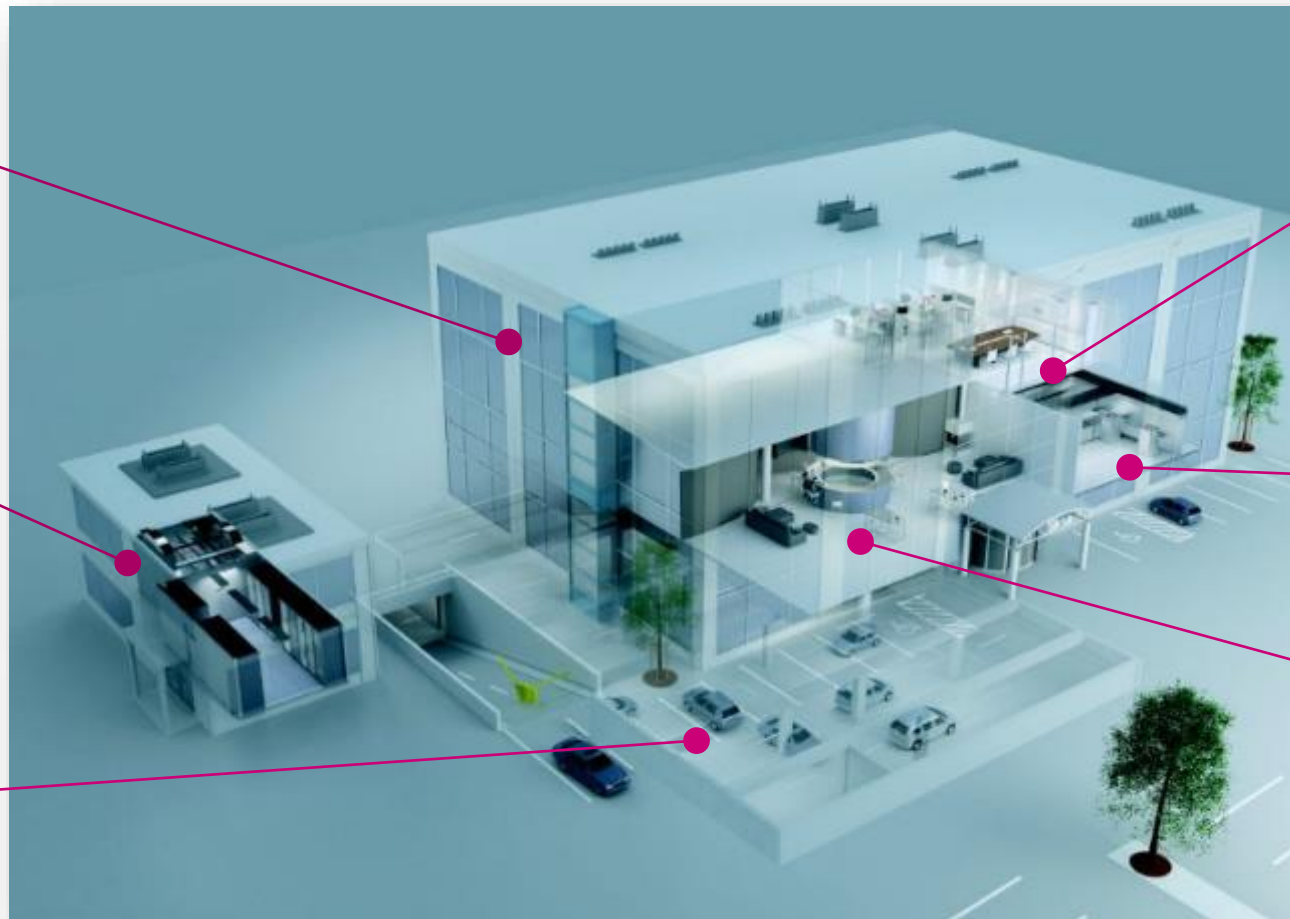## Hotel technology trends

Keyless entry

Guest face recognition

Smart hotel room control

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Lodging – Vertical Insights by Bosch Security Systems
Hotel current challenges

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Hotels need to

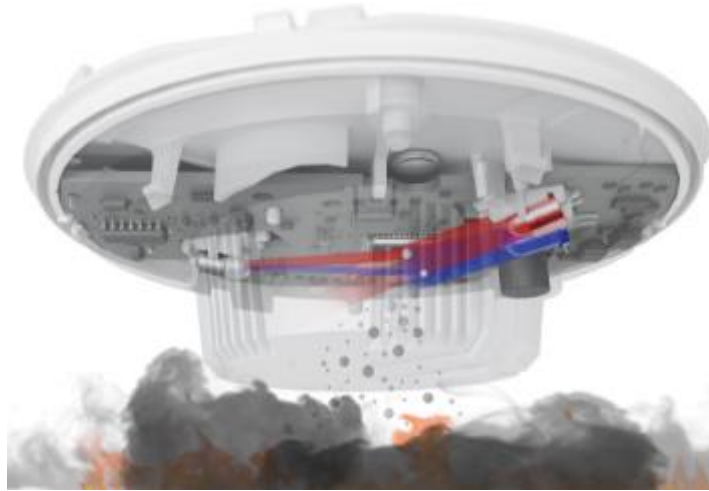Ensure guest safety

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Ensure guest safety without compromising on comfort
Good night, sleep tight!

| False alarms | Distinct between disturbances | Improved guest satisfaction |

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Ensure guest safety without compromising on comfort
Clear messages for smooth evacuation

Evacuate large number of people

Voice messages

Smoother evacuation procedures

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Ensure guest safety without compromising on comfort
Provide proof in case of crime even at low-light conditions

Bosch starlight cameras — Other cameras
Bosch starlight cameras — Other cameras

Quality video footage at low light

Bosch's Starlight technology for excellent image at extreme low light

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Ensure guest safety without compromising on comfort
System management with maximum benefits

http://www.ssl.umd.edu

Quick response in case of danger

Total integrated hotel solution for safety, security and communication

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Ensure guest safety without compromising on comfort
Aesthetic security, safety and communication systems

reddot award 2014 winner

iF product design award 2014

German Design Award SPECIAL MENTION 2014

Aesthetic constrains at hotels

Aesthetic design

International design awards

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Hotels need to

Maximize guest experience

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Maximize guest experience
Enhance guest experience by using facial recognition

Maria
Watchlist: Dynacord
Hotel status: Gold

Unobtrusive guest identification

Know who enters your property

Know what your guest wants

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Maximize guest experience
Create the desired ambiance

Create enjoyable ambience

Easily set the entertainment level

Sound throughout your property

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Hotels need to

Satisfy guest needs

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Satisfy guest needs
Hosting different events

| Hosting different events | Deliver professional sound quality | Make them…enjoy it! |

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Satisfy gust needs
Meetings and conferences

Meet conferences' requirements

Host any type of conferences

All information at their fingertips

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Hotels need to
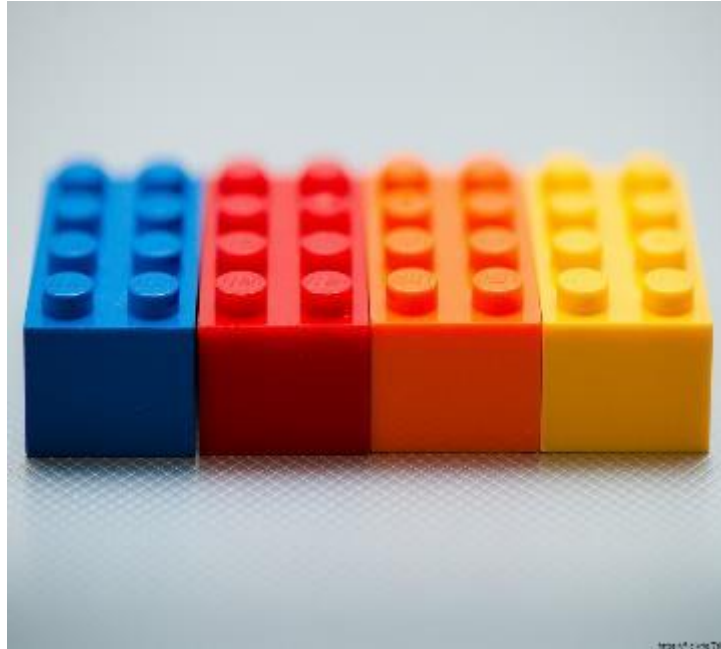
Improve hotel efficiency

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Improve hotel efficiency
Flexible security and safety systems

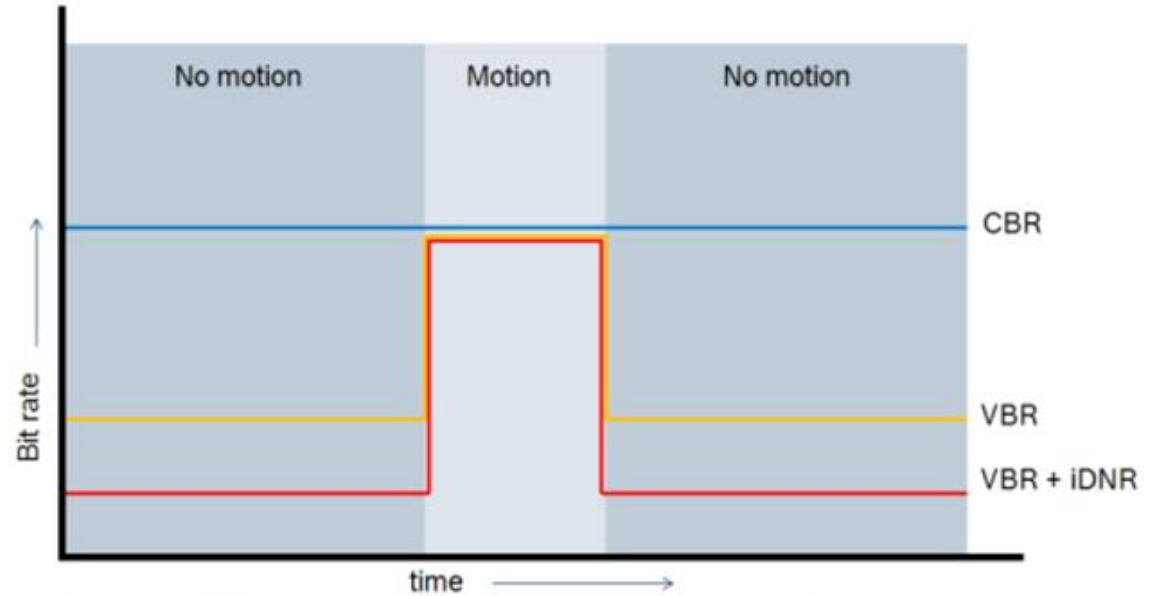**Flexibility for future changes**

Modular system design

Tailored to the project needs

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Improve hotel efficiency
Cost-effective IP video

Graph demonstrating the relative bandwidth conservation of various noise reduction methods.

No motion | Motion | No motion

CBR

VBR

VBR + iDNR

Bit rate

time

High infrastructure cost

IDNR allows a storage requirement reduction of up to 50%

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Improve hotel efficiency
Optimized video recording
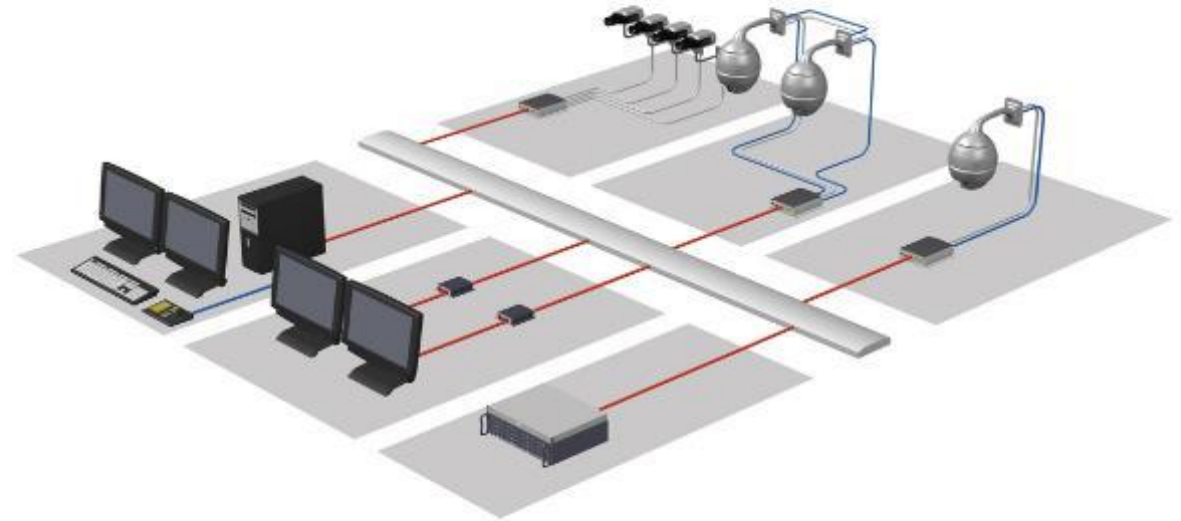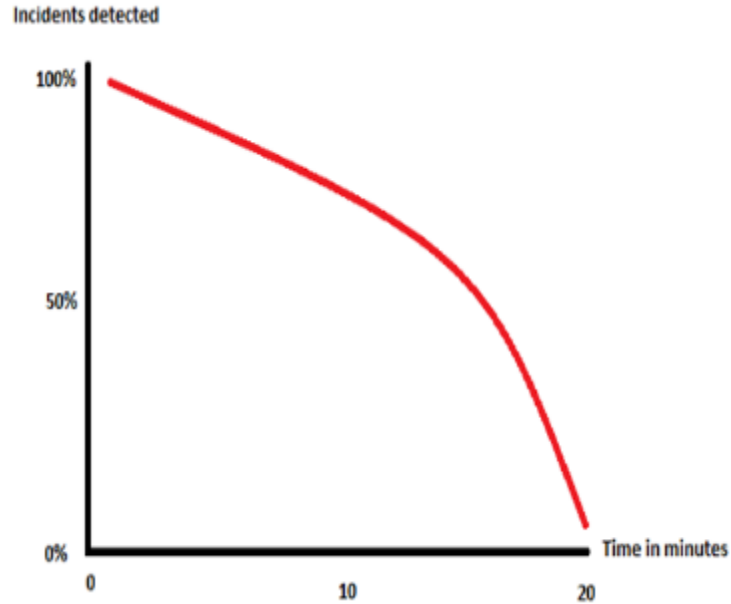
| High storage cost | VRM pools squeezes the most out of your investment in storage |

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Improve hotel efficiency
Focused security monitoring

High storage cost

VRM pools squeezes the most out of your investment in storage

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Improve hotel efficiency
Remote monitoring

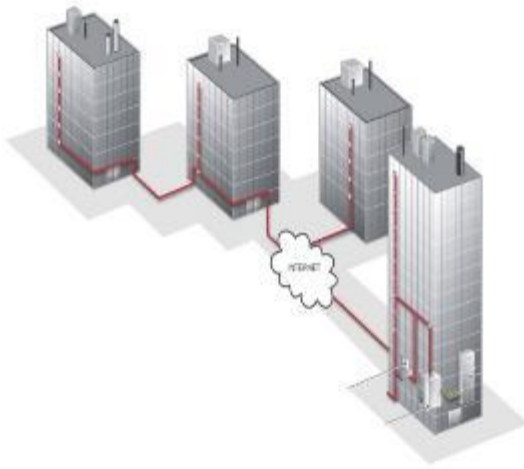**Optimize building personnel**

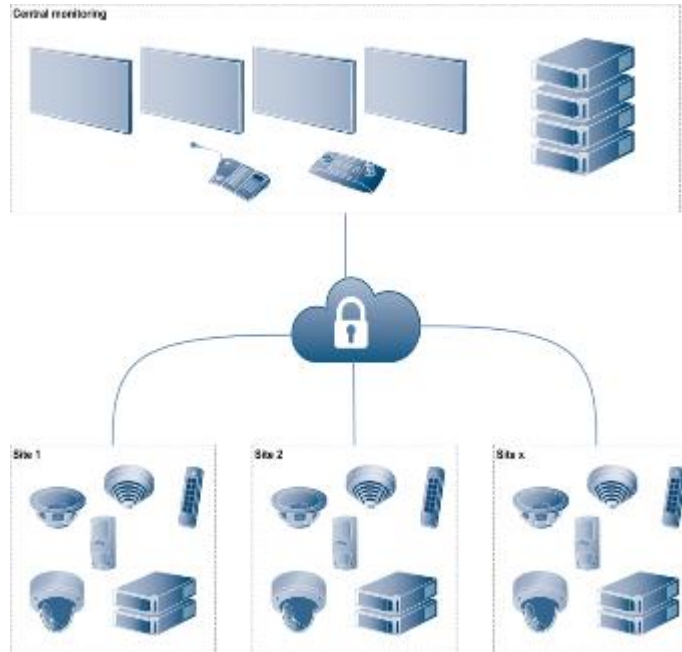**Instant access to HD video**

Optimize your operations

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Improve hotel efficiency
Centralized security management
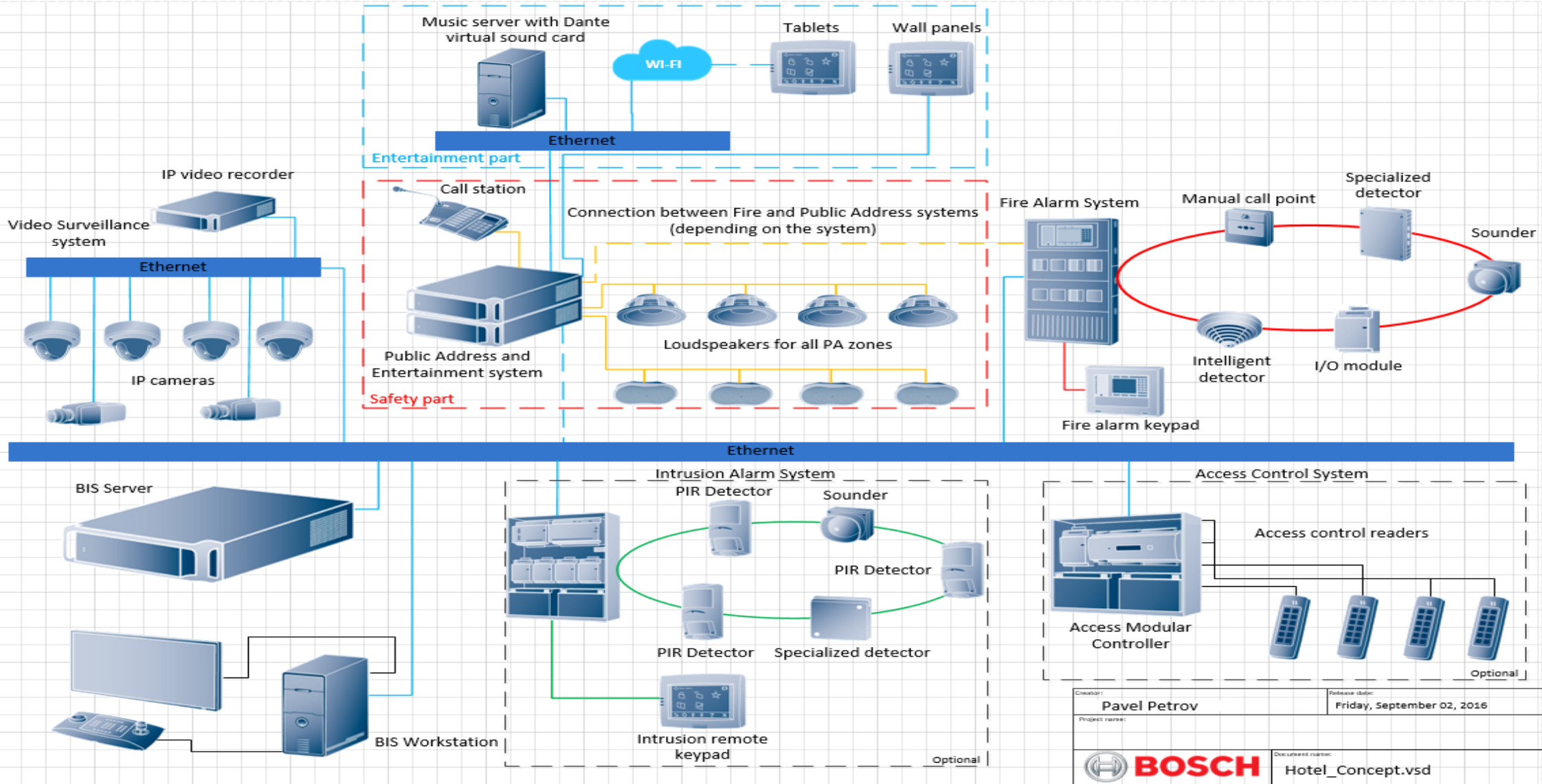

Multi-site system management

Holistic security shield

Integrated building security

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CONCEPTUAL INTEGRATED SOLUTION FOR HOTELS

Music server with Dante virtual sound card

Tablets   Wall panels

WI-FI

Ethernet

Entertainment part

IP video recorder

Call station

Connection between Fire and Public Address systems (depending on the system)

Fire Alarm System   Manual call point   Specialized detector

Video Surveillance system

Ethernet

Sounder

Loudspeakers for all PA zones

IP cameras

Public Address and Entertainment system

Intelligent detector   I/O module

Safety part

Fire alarm keypad

Ethernet

BIS Server

Intrusion Alarm System
PIR Detector   Sounder

Access Control System

Access control readers

PIR Detector

Access Modular Controller

PIR Detector   Specialized detector

Optional

BIS Workstation

Intrusion remote keypad

Optional

Creator:
Pavel Petrov
Release date:
Friday, September 02, 2016
Project name:

BOSCH   Document name:
Hotel_Concept.vsd

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HOTEL REFERENCES AROUND THE GLOBE

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Hotel references around the globe

Hotel Hilton, Bursa, Turkey

Novotel, Sofia, Bulgaria

Kempinski Hotel Belek, Turkey

Marriott Courtyard, Istanbul, Turkey

Lotte Hotel Seoul, South Korea

Regatta Apartments & Hotel Jakarta, Indonesia Korea

Gaylord National Resort Washington, USA

Hotel Transamerica Sao Paulo, Brazil

Hesperia Tower Hotel Barcelona, Spain

Honeysuckle Hotel Newcastle, Australia

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HILTON BURSA TURKEY

Hotel references around the globe
Hilton Bursa, Turkey

▶ Hilton Bursa Convention Center & Spa and Hampton by Hilton Bursa has **35 000 m2 total build up area**

▶ The 5-star Hilton Bursa hotel features **187 rooms**, twelve meeting rooms, **two ball-rooms** with **capacities of 1,200 and 800 people respectively**, a spa and well-ness center and multiple restaurants.

▶ Hampton by Hilton Bursa offers **107 rooms**, a fitness center, a restaurant and a fully equipped meeting hall.

▶ **The first concept** of a combined 3-star and 5-star hotel in Europe

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Hotel references around the globe
Hilton Bursa, Turkey

- The two hotels are located next to each other, but **operated as two separate entities**.

- The management required an **integrated security system** covering both hotels and allowing central management and operations.

- **Use of specific cameras and smoke detectors**, in order to provide an inconspicuous solution

- Use the **PA system** also for **entertainment**

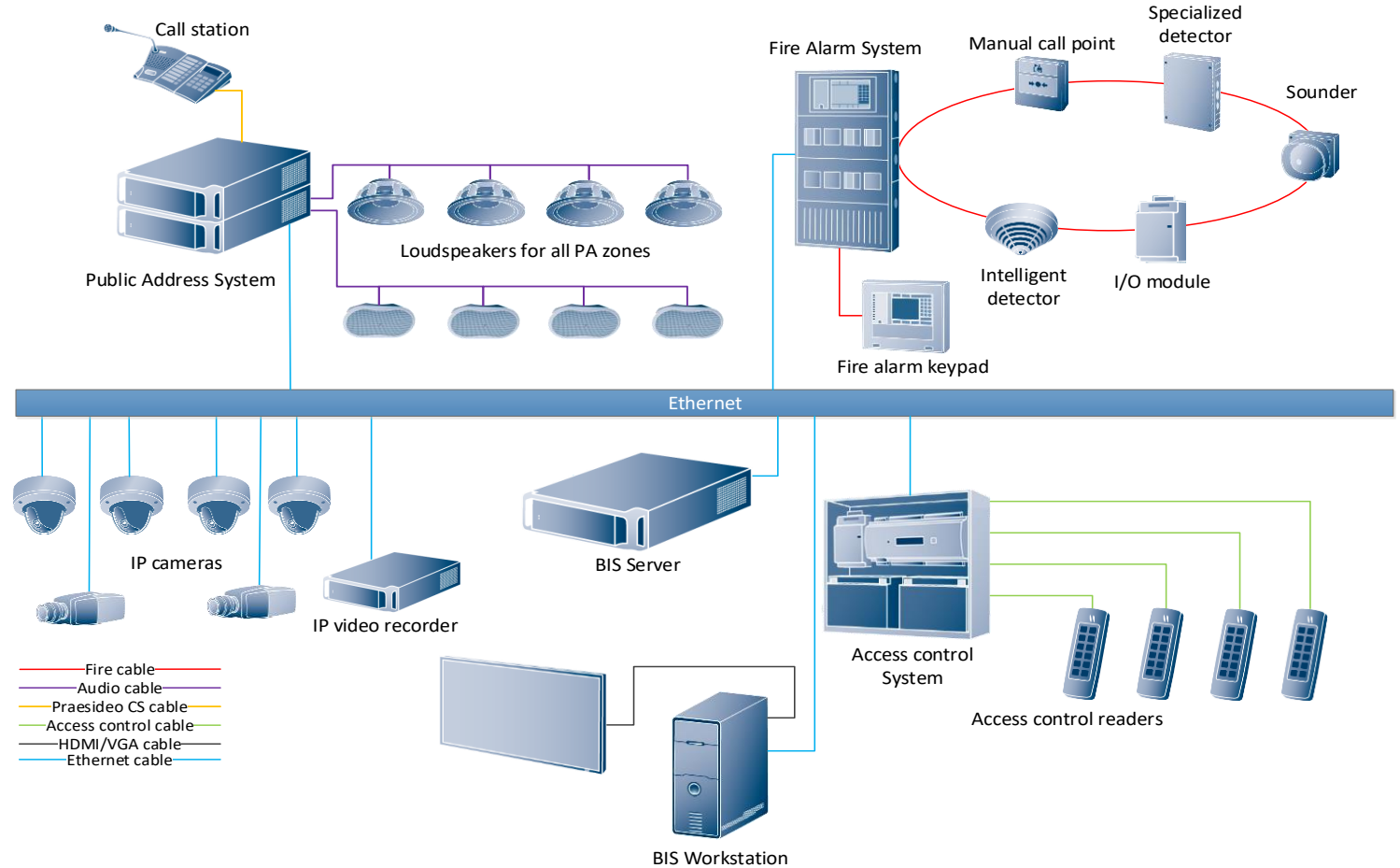**BOSCH**

Hotel references around the globe
Hilton Bursa, Turkey

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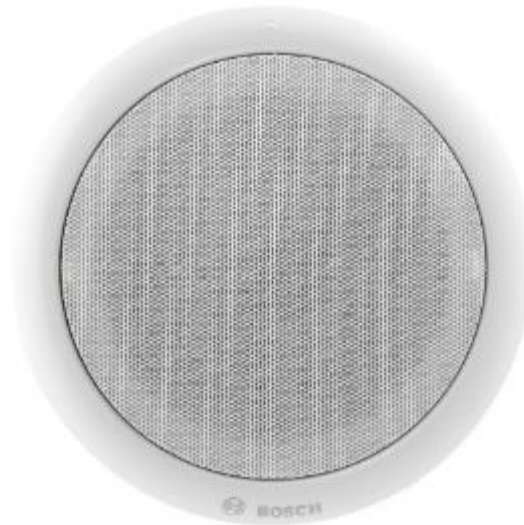
Hotel references around the globe
Hilton Bursa, Turkey

- ▶ A fully integrated security solution consisting of:
- ▶ Fire Alarm - 3000 address
- ▶ PAVA - 59 zones
- ▶ Video surveillance - 250 IP cameras
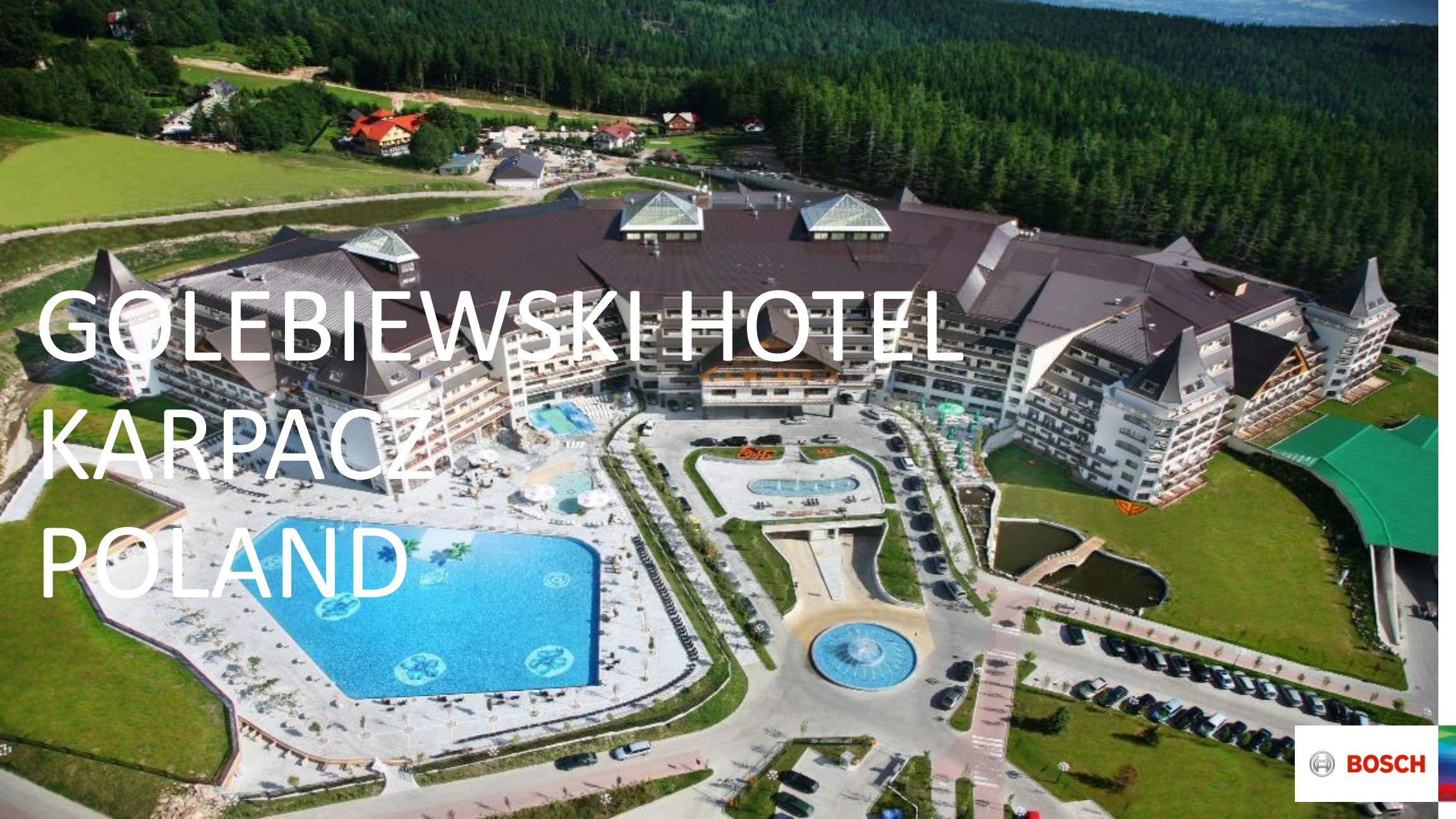- ▶ Access control - finger print readers

Call station

Fire Alarm System

Manual call point

Specialized detector

Sounder

Public Address System

Loudspeakers for all PA zones

Intelligent detector

I/O module

Fire alarm keypad

Ethernet

IP cameras

IP video recorder

BIS Server

Access control System

Access control readers

BIS Workstation

Fire cable
Audio cable
Praesideo CS cable
Access control cable
HDMI/VGA cable
Ethernet cable

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SHERATON
WARSAW
POLAND

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GOLEBIEWSKI HOTEL KARPACZ POLAND

RADISSON ROYAL MOSCOW RUSSIA

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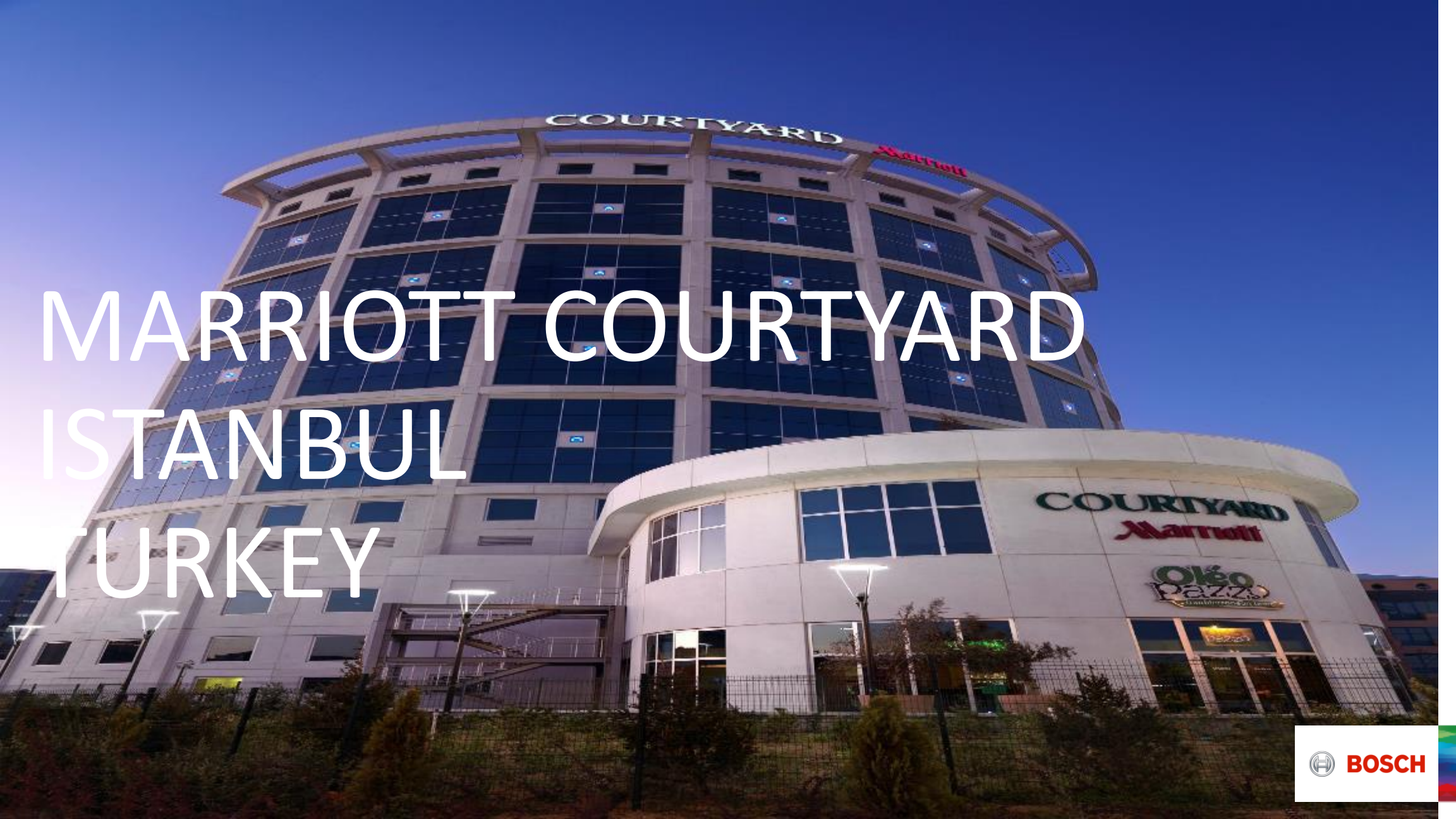WALDORF ASTORIA BERLIN GERMANY

RADISSON BLU RESORT
SOCHI
RUSSIA

GORKI GOROD SOCHI RUSSIA

REGATTA APARTMENTS & HOTEL JAKARTA INDONESIA

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MARRIOTT COURTYARD
ISTANBUL
TURKEY

MARDAN PALACE ANTALYA TURKEY

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RIU PRAVETS
PRAVETS
BULGARIA

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- Kolobrzeg Recreational Centre, Poland • Boutique-Hotel & Resort, Veer, Lebanon • Dubai's Meydan Racecourse and Hotel Complex
- Sohotel, Panchshil Group, Pune, India • Hesperia Tower Hotel, Barcelona, Spain • Holiday Inn Resort Baruna, Bali

And several 100s others all over the world…

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THANK YOU