

*GREEN GOLD VIDEO
SURVEILLANCE PROJECT*



KOLNOA SUSTAVI ZAŠTITE d.o.o.

- **Kolnoa sustavi zaštite d.o.o.**
 - Since 1992
 - One of the strongest partners in videosurveillance systems and technical security in Croatia



GREEN GOLD PROJECT

- PB PROJEKT d.o.o.



GREEN GOLD PROJECT



GREEN GOLD PROJECT

- Bussines center
 - 23.000 m²
- Shopping center
 - 4 levels, 15.000 m²
- Garage – service section
 - 4 levels, 5000 parking places
- Green Gold Tower (HILTON Hotel)
 - 18 floors + 5 levels of garage







Green Gold right now....



Project requirments

- Full coverage of the area surrounding the buildings
- Full coverage of the area inside
- Megapixel resolution
- Low power consumption
- Intelligent video managment software
- Video integration with access control
- IP video door stations
- Video surveillance of another 3 buildings in the same street remotely from GREEN&GOLD

OUR solution

- Over 300 cameras in 2 phases
 - Beginning april 2011 – Finish may 2012
- MX CC
 - Specially designed scenarios for video managment
 - Automatically switching scenarios : Day scenario, Night scenario, Event scenario....
- Integration
 - Custom developed software for indication of open/closed doors in MXCC background layout

OUR solution

- T24
 - Monitoring the main entrances without any blind spots
 - Surveillance of 3 other buildings and controlling the entrances for vehicles
- Control room
 - 11 24” Dell Monitors combined as a multi-display on *EyeFinity* technology

Hardware



Control room



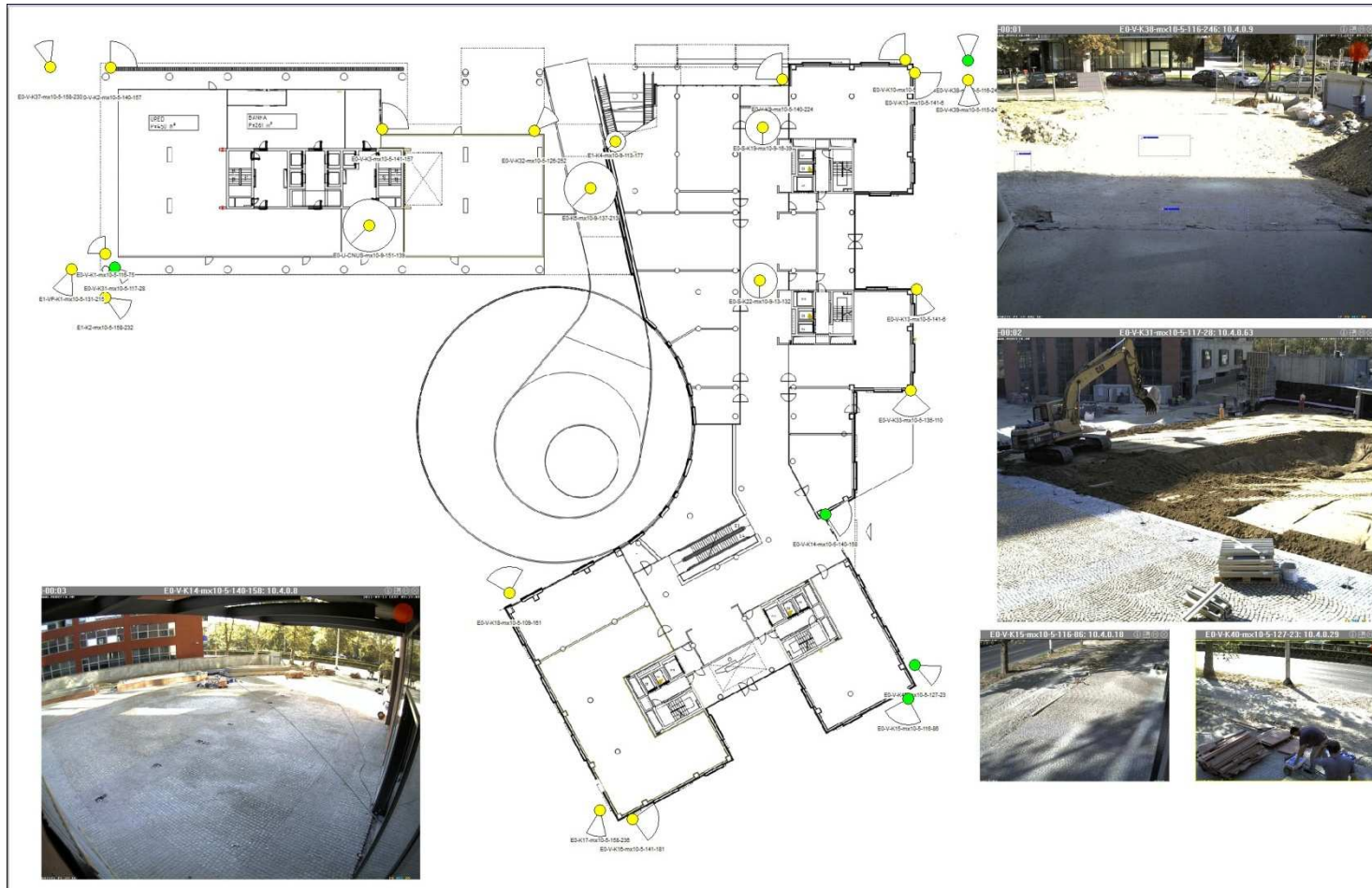
Specs of the equipment

- 8 Dell 27" monitors (upper wall)
- 3 Dell 30" monitors (Video archive, Background layout and alarm monitor)
- 3 computers
- MX joystick
- Whole video wall system is controlled via one mouse and keyboard via custom made software

Resolution

- Each monitor is set in 2560x1440 pixels
- Enables to see real 3Megapixel image
- Conneted to computer via displayport

MX CC 2.5



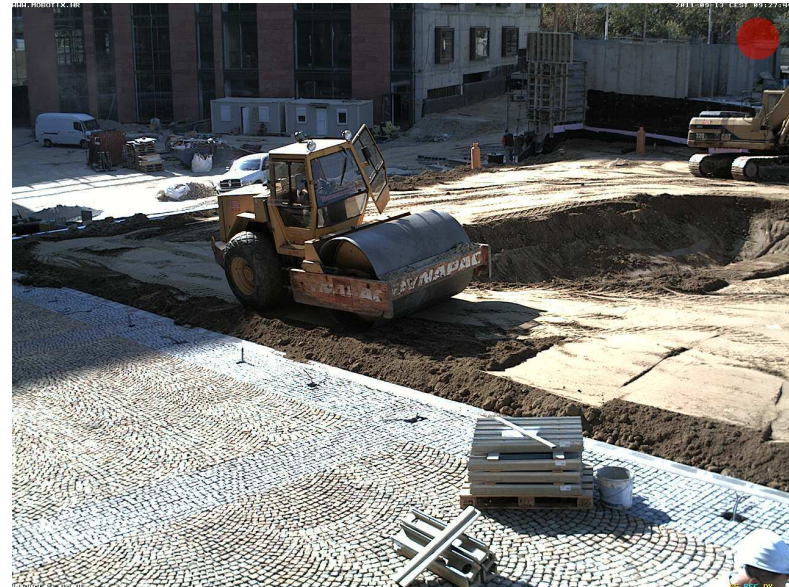
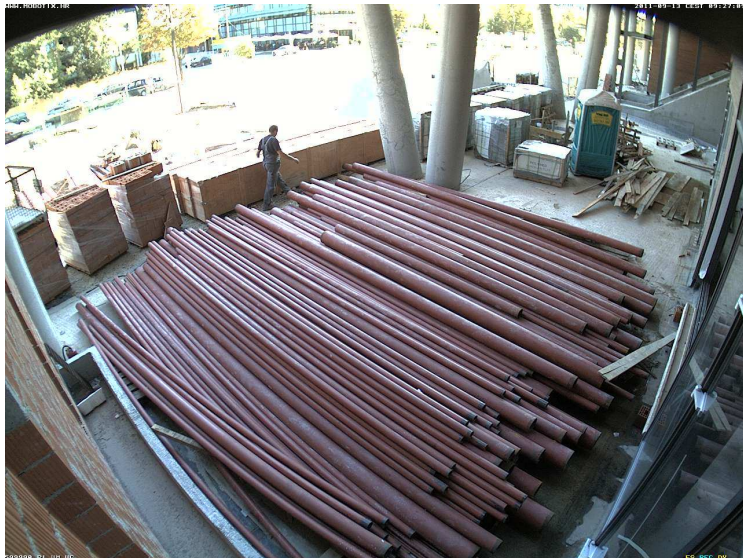
The Cameras



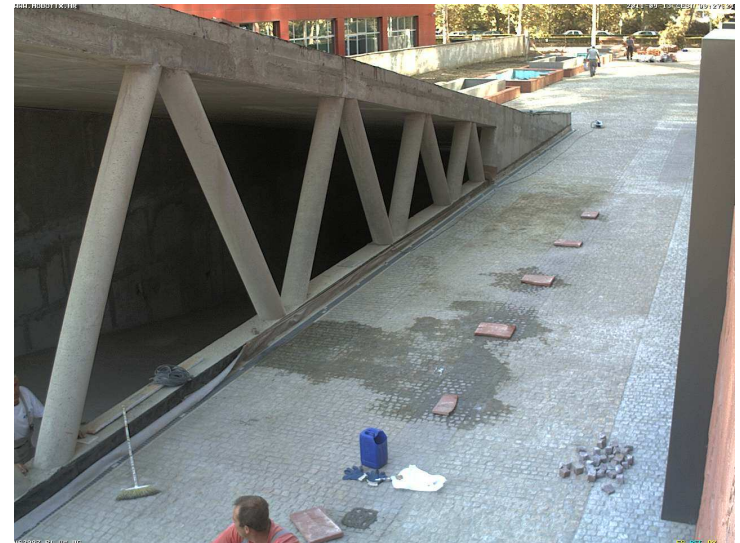
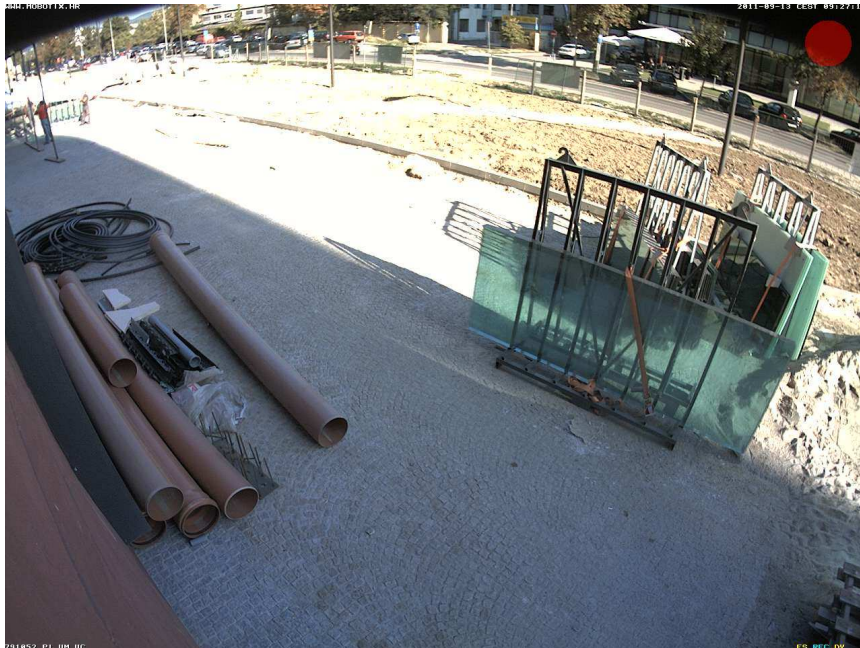
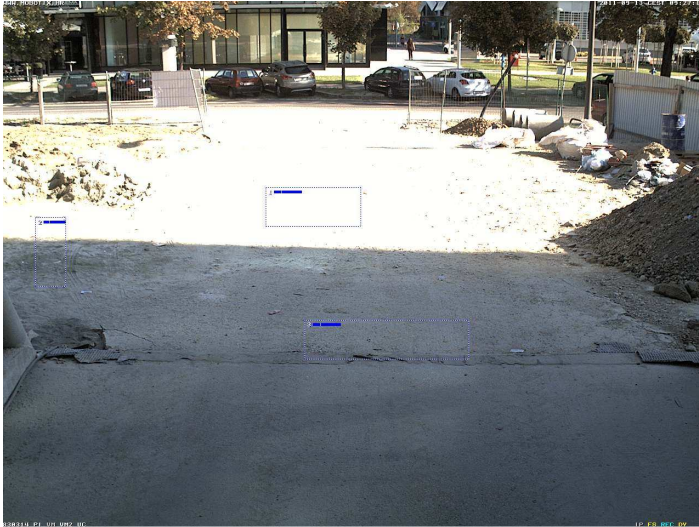
The Cameras



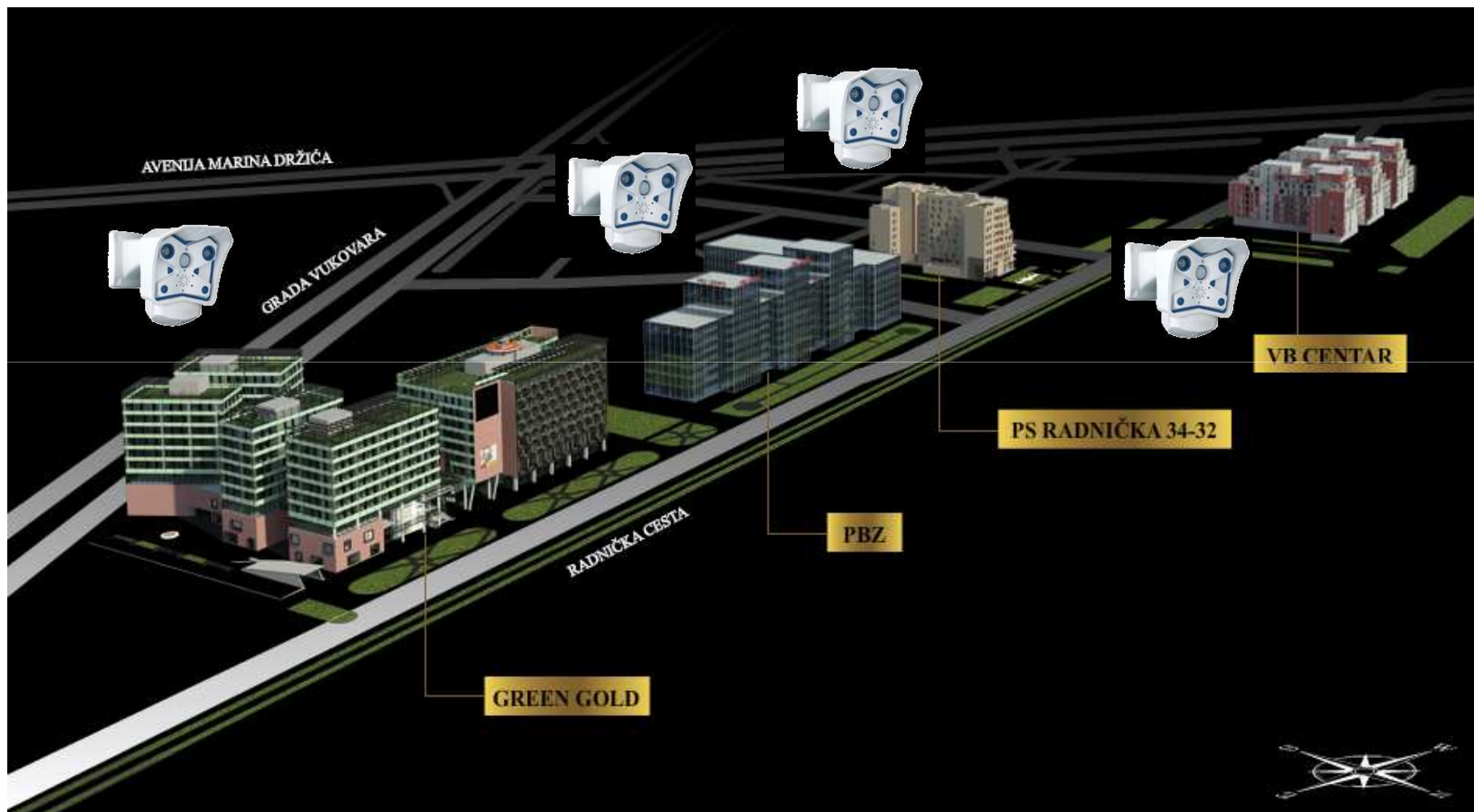
Snapshots



Snapshots



3 new locations



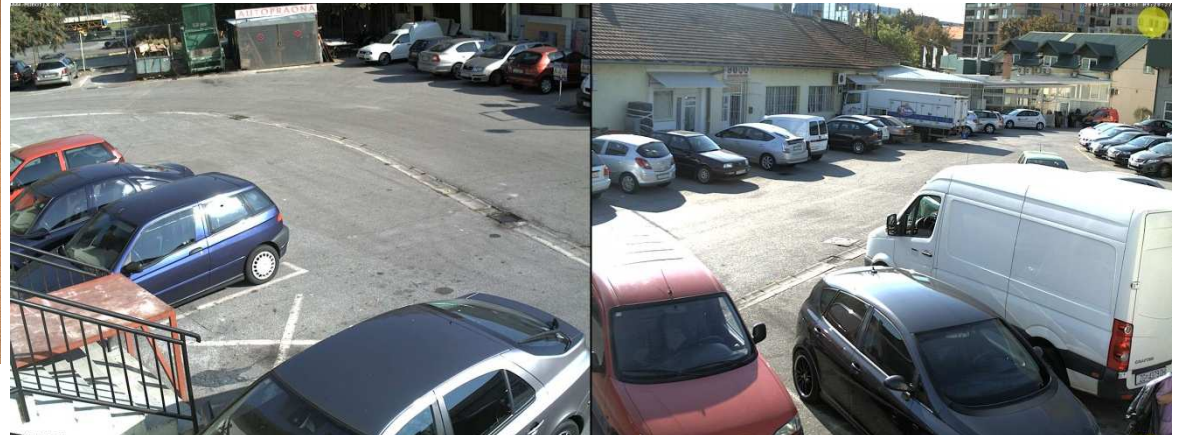
Requierments

- To connect 3 different locations over the ethernet infrastructure
- Controlling the ramps
- Automatic closure of the gates at specified time
- Counting the number that ramps was raised (to avoid frauds on parking)
- Easy and friendly controlling of all locations at main building/control room

Solution



3 new locations - snapshots



The benefits of **MOBOTIX** vs analog systems

Power management

- 3 pcs of UPS with total power consumption of 1753 W



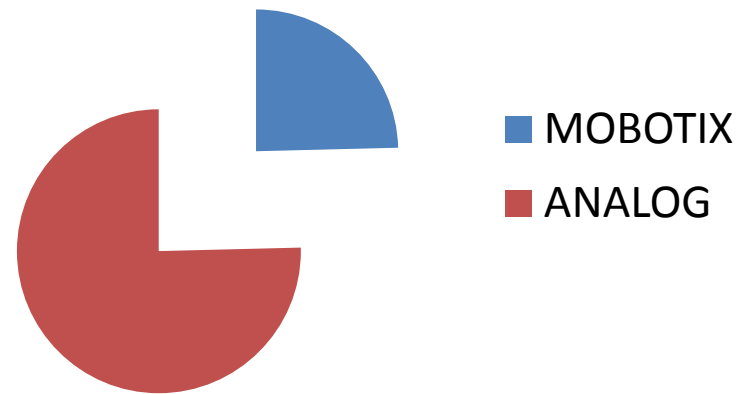
Power consumption

- The total power consumption for
 - 110 Mobotix cameras (at the moment)
 - 6 servers for storage (NAS)
 - 3 Hi-end computers for control room
 - 3 main monitors

IS (slide before) **1753W**
(15.000kWh/year)

Compare to analog system

- 110 cameras * 30W = 3300W
only for the cameras!
- 7 DVRs * 300W = 2100W
- Montor wall = 1000W



Savings

- Mobotix system consume about 15.000kWh/year
- Analog system consumes about 55.000kWh/year
- Difference is $40.000\text{kWh} * 15 \text{ cents} = 6000\text{€}$ per year

Thank You for your attention!!!!



KOLNOA
sustavi zaštite

