SMART CITY

SAFE CITY

VIDEO SECURITY

SECURITY
AND BEYOND!

OWLS

OWLS CONCEPT

OWLS uses existing street lighting infrastructure to provide

➢ **Adequate LED lighting**

➢ **CCTV surveillance**

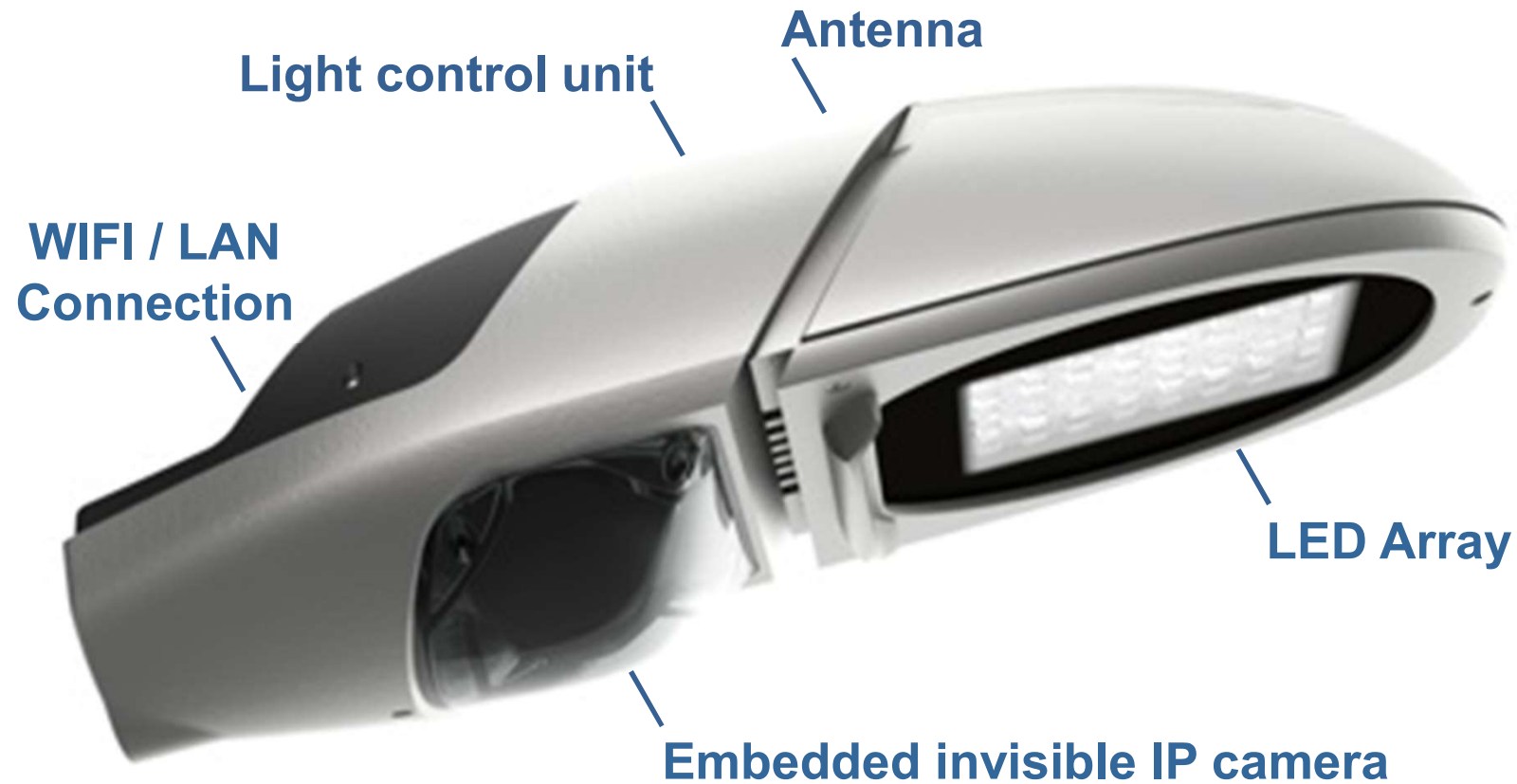➢ **Video security / analytics**

➢ **Customized solutions**

⇕

"All-in-One"

OWLS ALL-IN-ONE SOLUTION

Antenna

Light control unit

WIFI / LAN Connection

LED Array

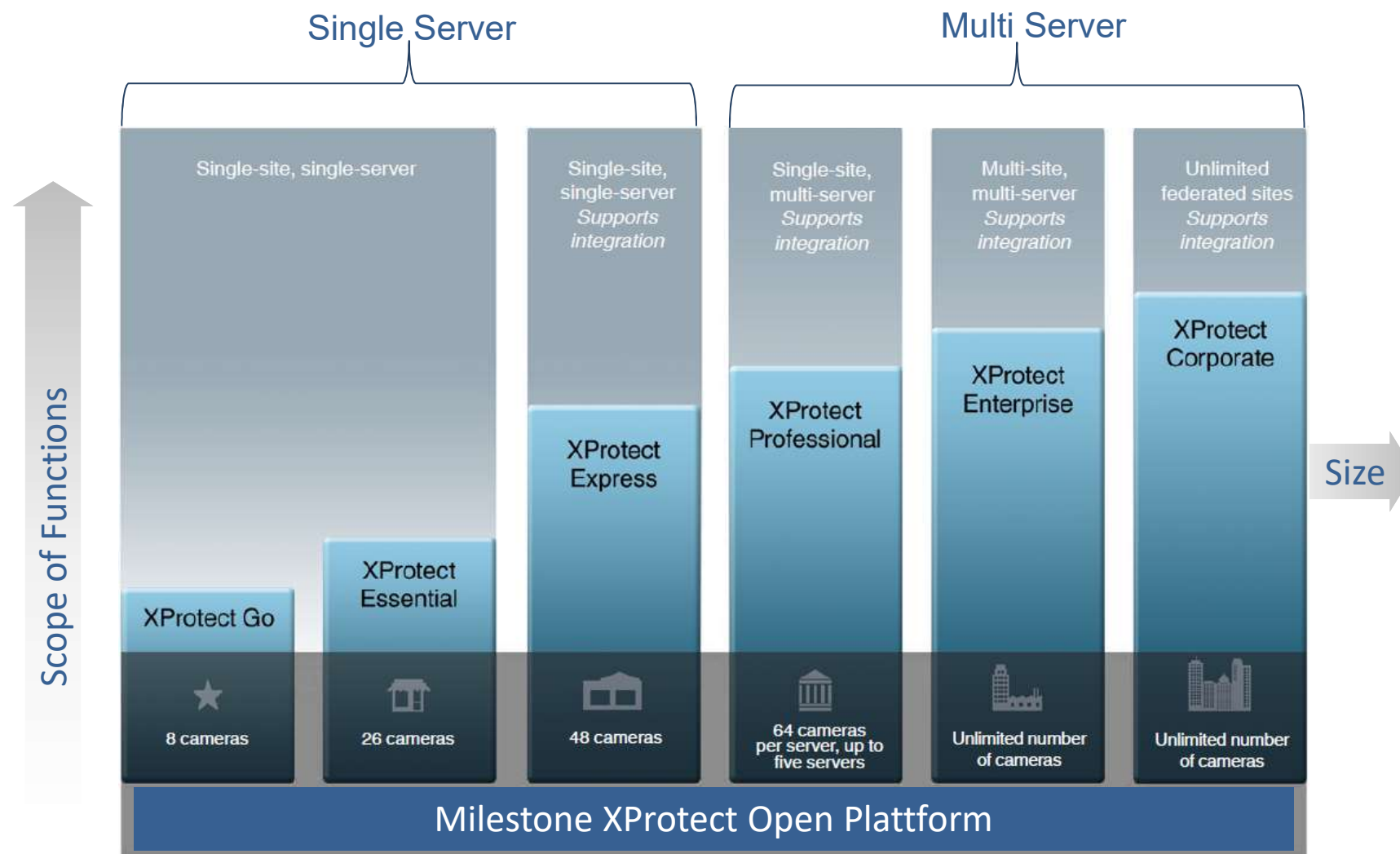Embedded invisible IP camera

OWLS **ALL-IN-ONE** SOLUTION

CUSTOMIZED to suit your needs

➢ **Project planning & engineering**

➢ **Equipment & hardware**

➢ **Video management**

➢ **Video security / analytics**
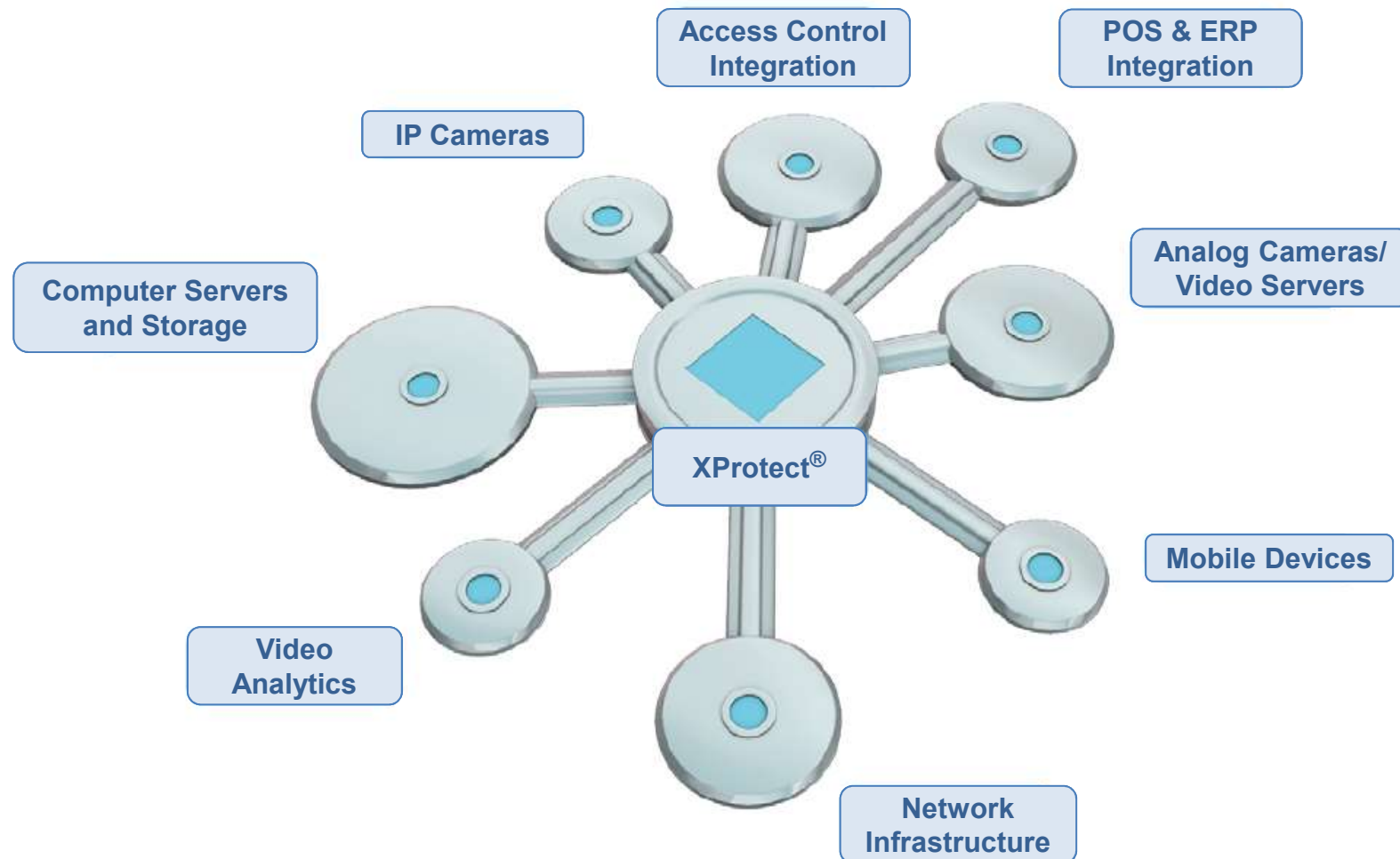
➢ **Value-added services on demand**

Get the "**MORE**" out of your street lighting!

VIDEO MANAGEMENT SYSTEM

VIDEO MANAGEMENT SYSTEM

Access Control Integration

POS & ERP Integration

IP Cameras

Computer Servers and Storage

Analog Cameras/ Video Servers

XProtect®

Mobile Devices

Video Analytics

Network Infrastructure

Milestone XProtect Open Plattform

VIDEO ANALYTICS

areal security
rules:
intrusion
speed
forbidden
direction
loitering
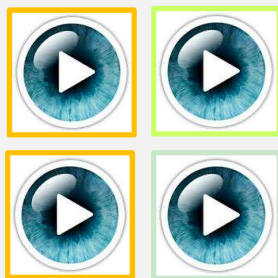
areal^vis

privacy protection
scrambling of:
moving persons
moving objects
defined regions

anonym^vis

counting
using:
CCTV
3D sensor
live statistics
heatmap
reports
traffic plugin

count^vis

license plate recognition
to:
prevent losses
parking management
regulate access
evidence collection

LPR

Face detection

face^vis

OWLS

SMART CITY SOLUTION   SAFE CITY SOLUTION   C3
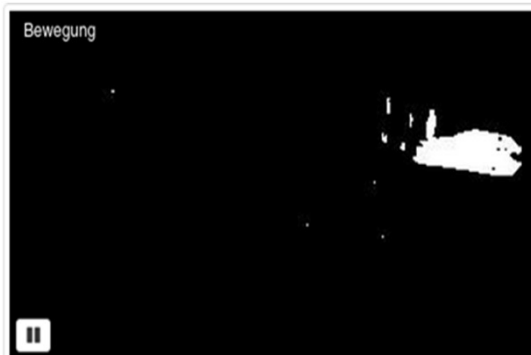
VIDEO ANALYTICS

areal security
rules:
intrusion
speed
forbidden
direction
loitering

areal^{vis}

Person / object detection for indoor / outdoor

- Configurable in a few steps
- Flexible perspective system
- Flexible rule and zone settings
- Flexible event/alert system
- Minimum false alarm rates
- 24/7 reliability

OWLS

VIDEO ANALYTICS

privacy protection
scrambling of:
moving persons
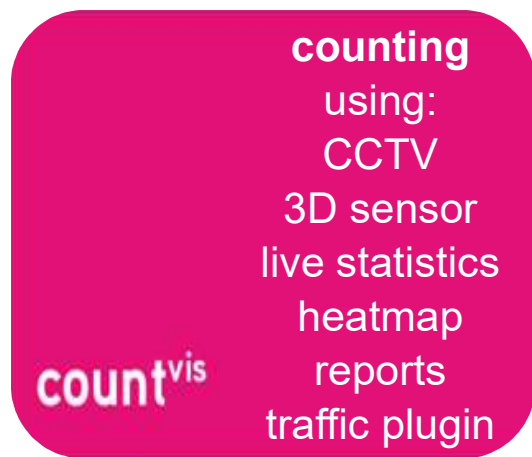moving objects
defined regions

anonym^{vis}

Live motion scrambling

VIDEO ANALYTICS

counting
using:
CCTV
3D sensor
live statistics
heatmap
count^{vis}   reports
traffic plugin

**Counting application using camera
or 3D sensor for indoor and outdoor use**

➢ Accurate and reliable with flexible deployment
  options:

  - Person or object counting

  - Heatmapping

  - Occupancy monitor

  - LPR stat plugin

➢ Mobile use possible

➢ Clear display options

➢ Flexible report system

OWLS

VIDEO ANALYTICS

license plate recognition
to:
prevent losses
parking management
regulate access
evidence collection

LPR

Automatic vehicle detection an add-on software product that helps automate and optimize tasks.

VIDEO ANALYTICS

Face detection

face^{vis}

Face detection with semi-automatic scene
adaption for indoor and outdoor use

Grouping of equal faces

Sort faces by their quality

Black / White List

Allows communication with 3rd party systems
   e.g. feedback of selected faces to the system
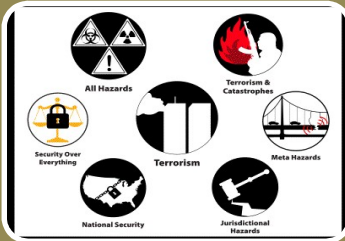
WHY TO BUY OWLS ALL-IN-ONE SYSTEMS

➢ up to **100,000 hrs LIFETIME** (20+ YEARS)

➢ up to **80% SAVINGS** IN POWER CONSUMPTION

➢ highly **REDUCED MAINTENANCE COSTS**

➢ latest **STATE-OF-ART** TECHNOLOGY

➢ made in **EUROPE** or AUDITED COUNTRIES

➢ with in-house made **VIDEO ANALYTICS**

➢ **Patent** registered

➢ OWLS as **SINGLE SOURCE SUPPLIER**

➢ lifetime **PARTNERSHIP**

TARGET GROUPS

Homeland Security Projects

e.g. police, military, government, border security …

Industrial Projects

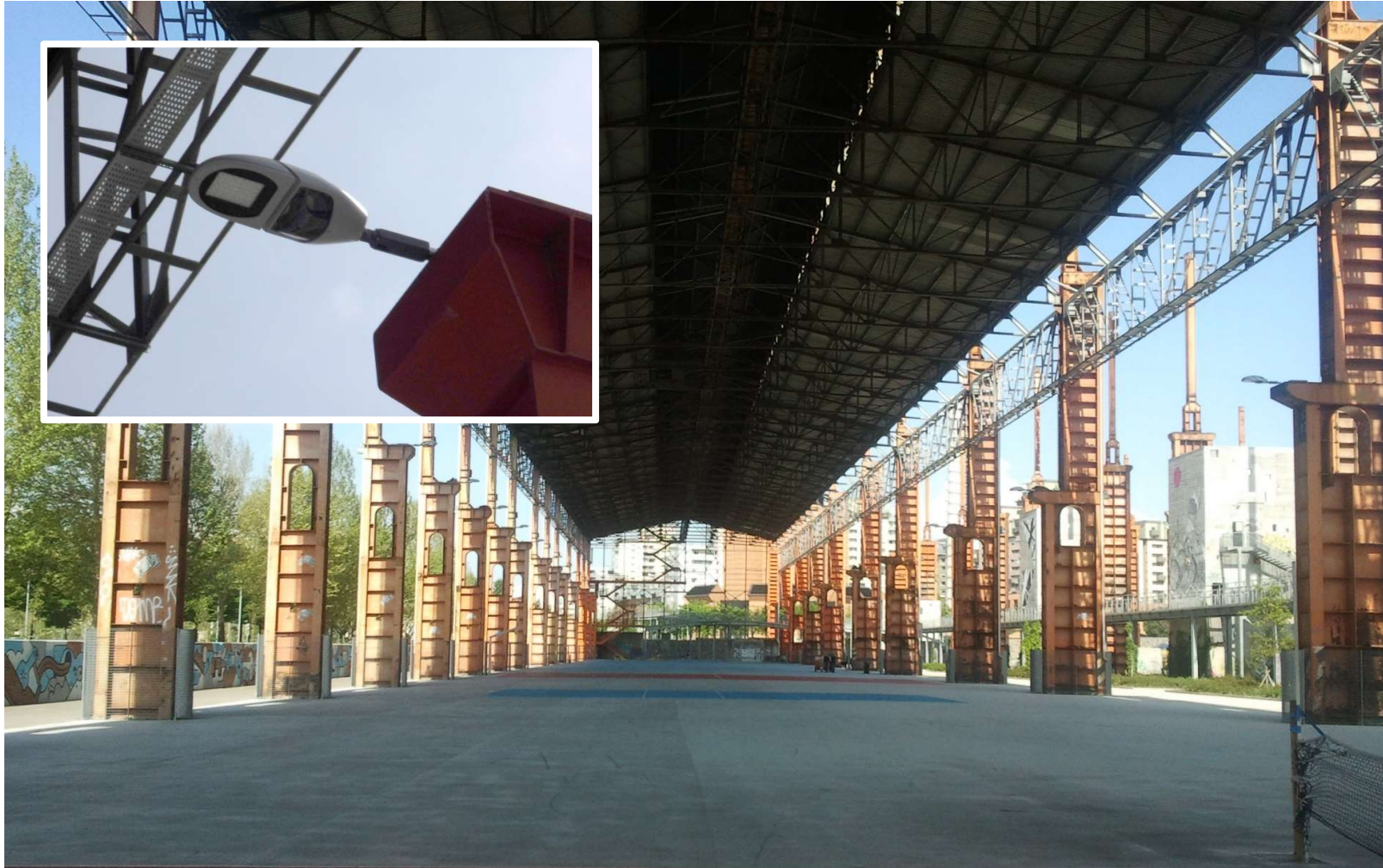e.g. for oil and gas industry, harbours, airports, logistic centres, car dealers …

Community Projects
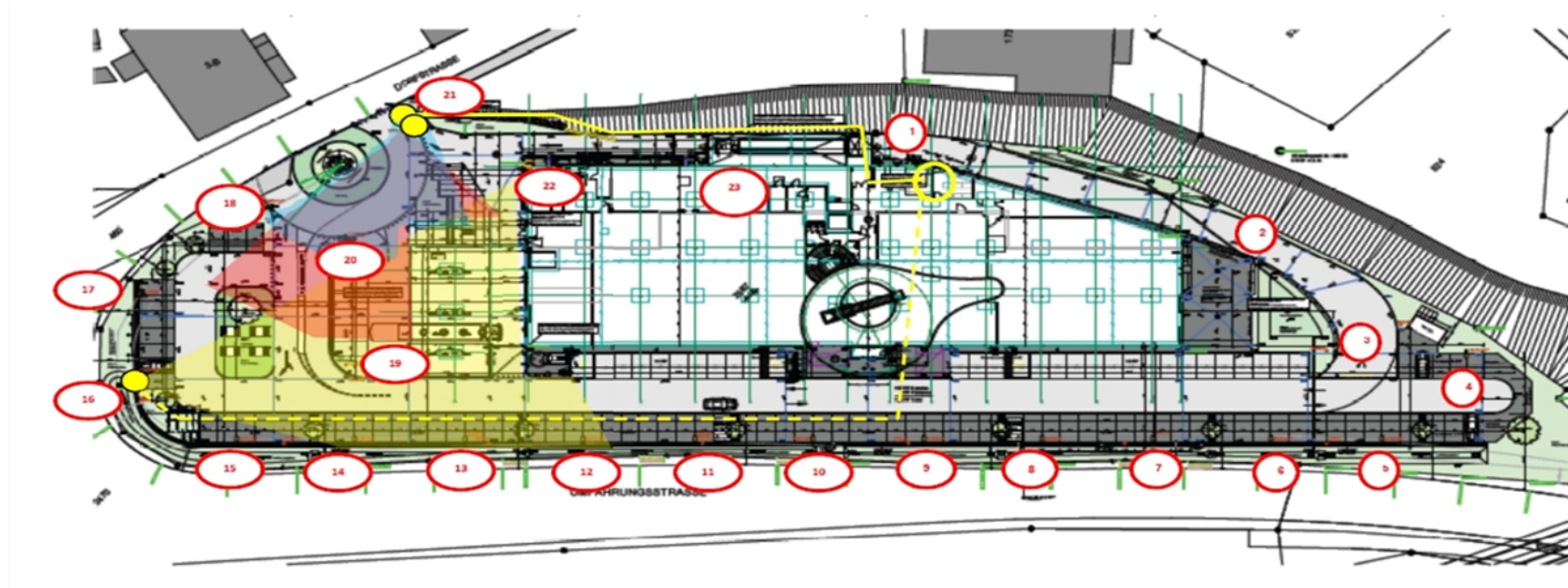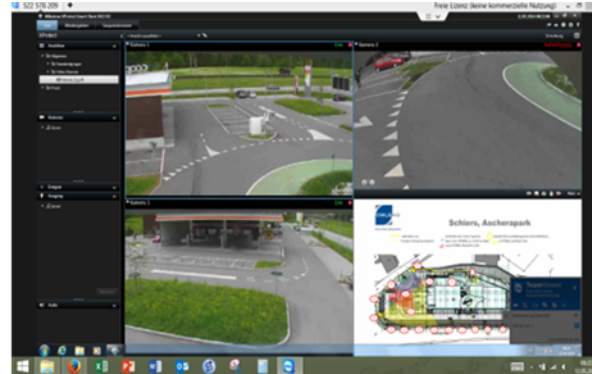
Value added services for cities and communities

PARCO DORA / TORINO, ITALY

SHOPPING MALL / SCHIERS, SWISS

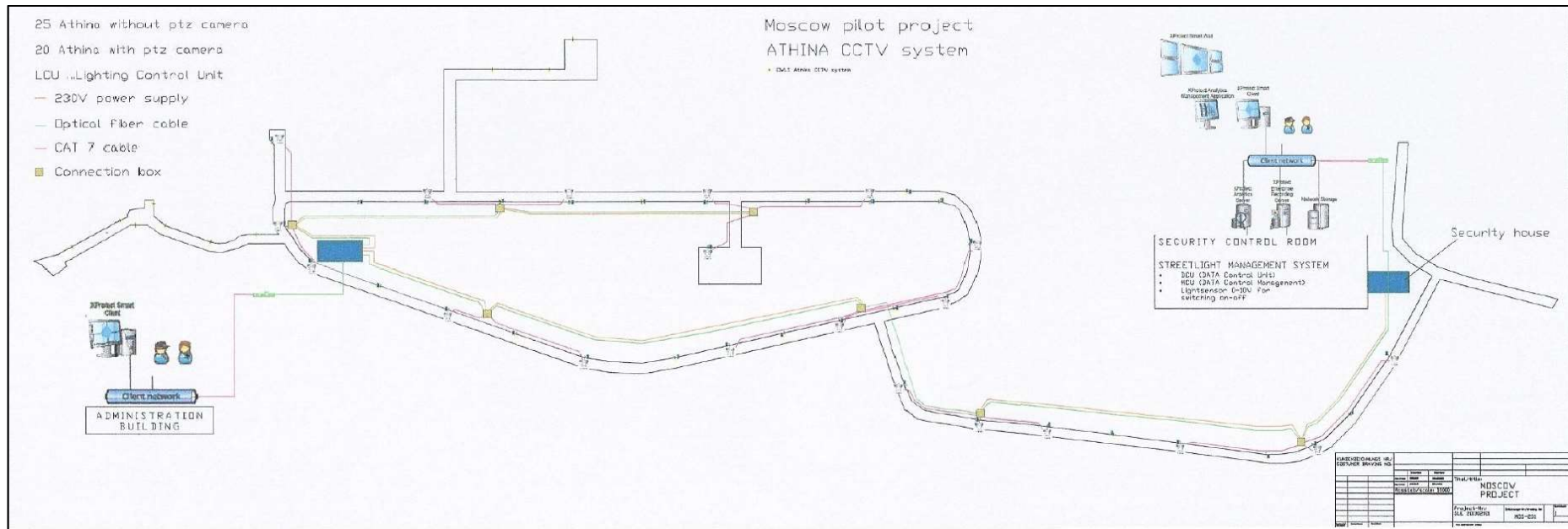# VEGETABLE MARKET / DOHA, QATAR

GATED COMMUNITY / MOSCOW, RUSSIA

CASINOS AUSTRIA

face^{vis}

Scenario
Analyse for best faces found during the check in process.

Solution
face^{vis} was adapted for the check-in software of the Casinos Austria.
The check-in personnel selects the **face of the day** of the particular guest
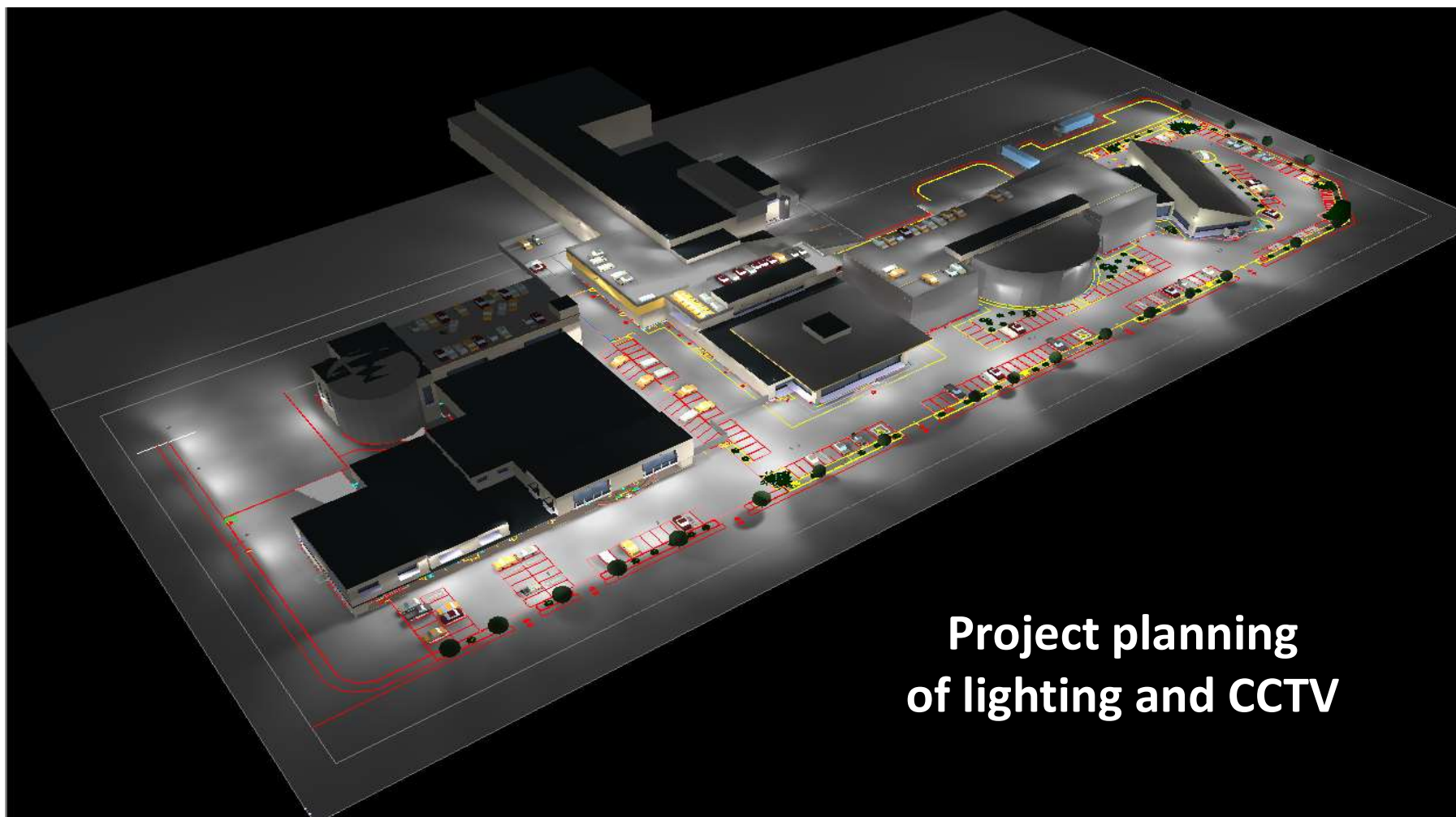directly within the Casinos Austria check in software.

Benefit
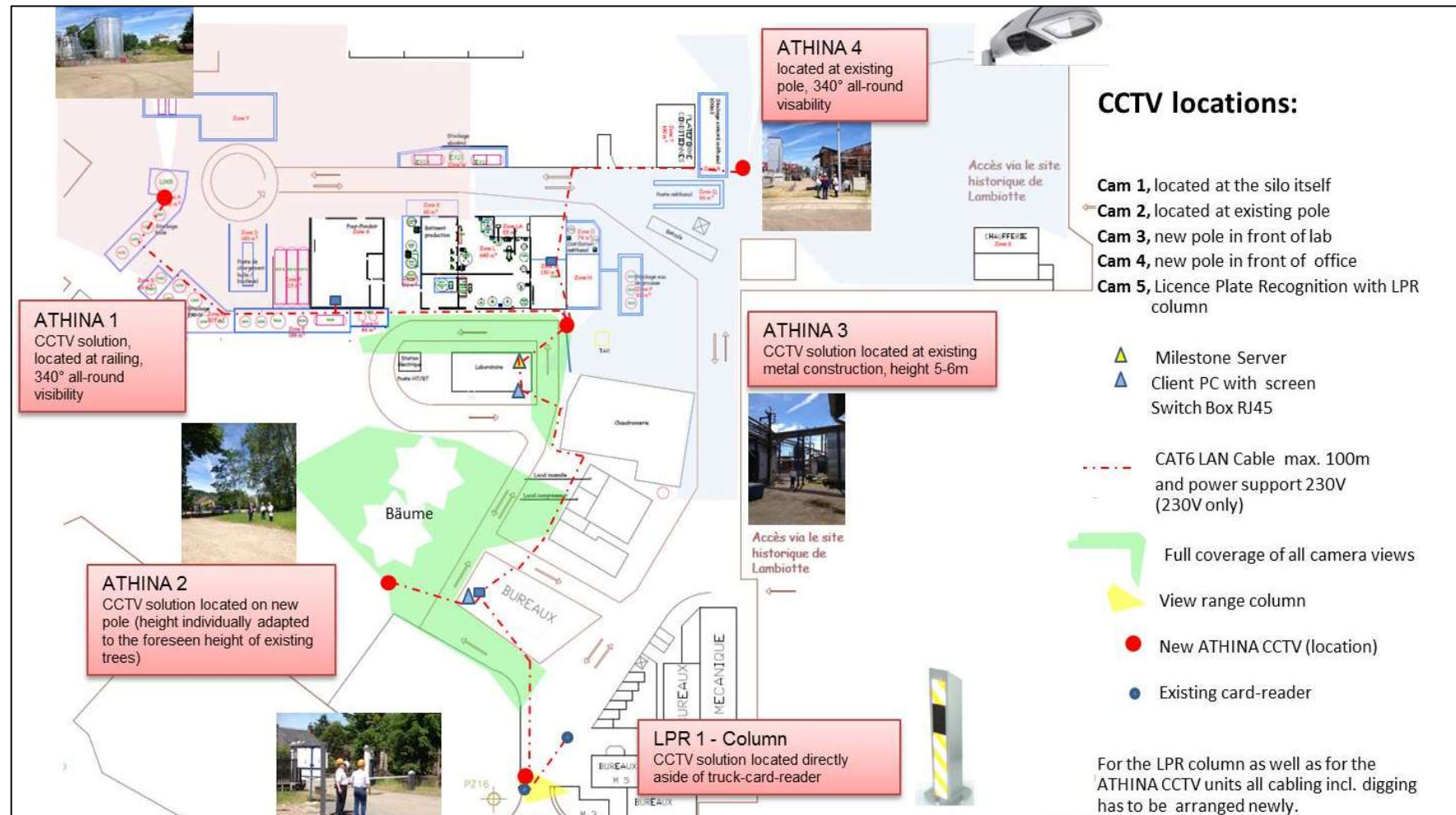Improved service and security due to an up-to-date face database.

CASE STUDY CAR CENTER / MILANO, ITALY

**Project planning
of lighting and CCTV**

CASE STUDY INDUSTRIAL PLANT / PREMERY, FRANCE

SMART CITY

SAFE CITY

VIDEO SECURITY

THANK YOU

FOR YOUR ATTENTION!

OWLS AG
Industriering 14
LI - 9491 Ruggell
T +423 392 5464
office@owls-ag.com
www.owls-ag.com