

**GREEN**PROJECT

- G R O U P -

DESIGN & ENGINEERING

# BUILDING MANAGEMENT SYSTEM

PORTFOLIO

## PERFECT SOLUTIONS FOR EVERY BUILDING

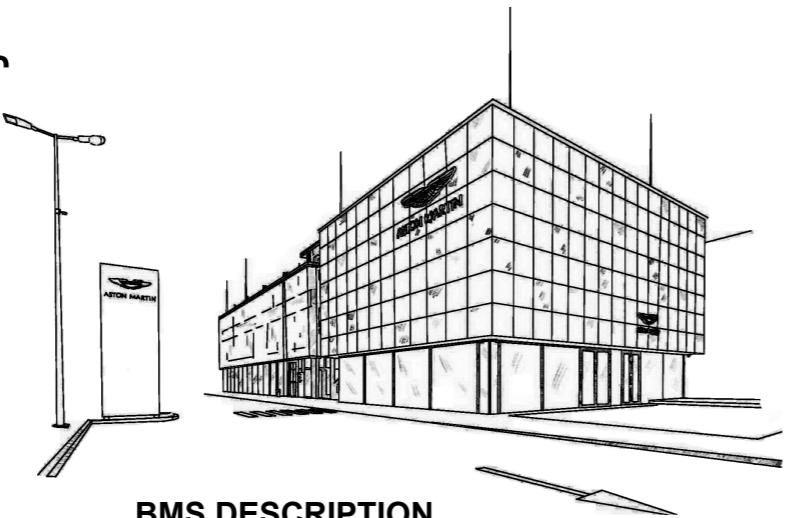
WORKING IN CLOSE COOPERATION WITH CLIENTS, WE DEVELOP SYSTEMS  
TAKING INTO ACCOUNT THE CRITERIA AND SPECIFIC REQUIREMENTS FOR  
EACH TYPE OF BUILDING AND ITS USERS.

THIS INTERACTION ALLOWS US TO CREATE RELIABLE SOLUTIONS FOR  
CREATING A COMFORTABLE ENVIRONMENT, ENSURING THE SAFETY OF  
LIFE AND THE ENVIRONMENT.



# AWT Bavaria Automotive Center

Kyiv, Ukraine



## OUR WORK

- design
- construction
- commissioning

## INTEGRATED SYSTEMS:

- heating
- air conditioning
- ventilation
- water supply and sewerage
- electrical power supply
- electric lighting
- elevators
- energy metering system

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - BACnet

### SIZE INDICATORS:

- DDC panel - 10
- data points - 1200

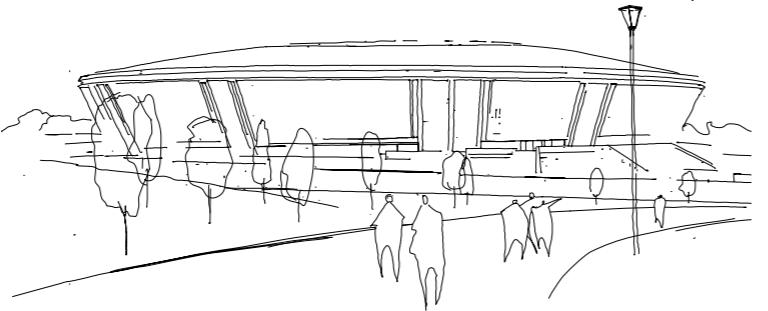
### USED EQUIPMENT:

- field devices - Belimo
- controllers - Honeywell
- SCADA - Arena NX (Honeywell)



# Donbass Arena Stadium

Donetsk, Ukraine



## OUR WORK

- design
- engineering & supervision

### INTEGRATED SYSTEMS:

- heating
- gas supply system
- cooling and air conditioning
- ventilation
- smoke extraction
- water supply and sewerage
- electrical power supply
- electric lighting
- irrigation and aeration football field
- elevators
- fire protection
- fire alarm
- security systems & access control
- energy metering system
- detecting of dangerous gases
- fire doors & gates

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - N2Open

### SIZE INDICATORS:

- DDC panel - 97
- data points - 8000

### USED EQUIPMENT:

- field devices - Johnson Controls
- controllers - Johnson Controls
- SCADA - NAE 55 (Johnson Controls)



# NSC Olimpiysky Stadium

Kyiv, Ukraine



## OUR WORK

- design
- construction
- commissioning

### INTEGRATED SYSTEMS:

- electrical power supply
- electric lighting

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - KNX

### SIZE INDICATORS:

- KNX devices - 500

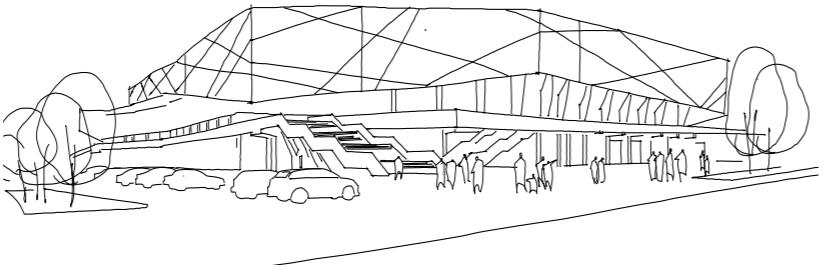
### USED EQUIPMENT:

- KNX sensors - ABB
- KNX actuators - ABB
- SCADA - NETx Automation



# Arena Lviv Stadium

Lviv, Ukraine



## OUR WORK

- design
- construction
- commissioning

## INTEGRATED SYSTEMS:

- electrical power supply
- electric lighting

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 25
- data points - 1600

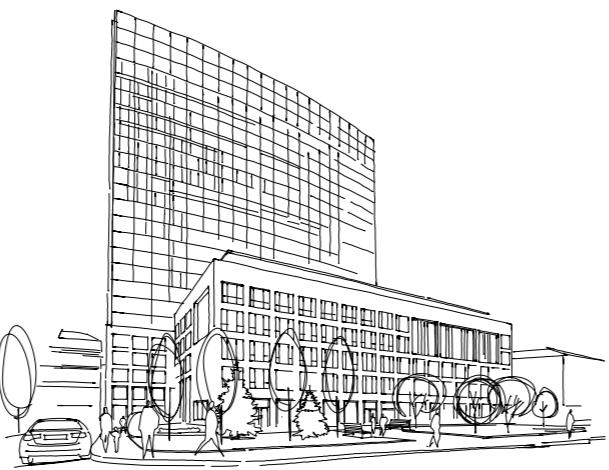
### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers - TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



# Pushkinskiy Business Centre

Donetsk, Ukraine



## OUR WORK

- design
- engineering & supervision

### INTEGRATED SYSTEMS:

- heating
- gas supply system
- cooling and air conditioning
- ventilation
- smoke extraction
- water supply and sewerage
- electrical power supply
- electric lighting
- elevators
- fire protection
- fire alarm
- security systems & access control
- energy metering system
- detecting of dangerous gases
- fire doors & gates

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 100
- data points - 5300

### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers -TAC (Schneider Electric)
- SCADA - Viata 5 (Schneider Electric)



# Talan Towers Public & business complex

Nur Sultan, Kazakhstan



## OUR WORK

- design

### INTEGRATED SYSTEMS:

- heating
- cooling and air conditioning
- ventilation
- smoke extraction
- electrical power supply
- water supply and sewerage
- electric lighting
- fire protection
- fire alarm
- elevators
- energy metering system
- detecting of dangerous gases
- fire doors & gates

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - BACnet, M-Bus, KNX, DALI

### SIZE INDICATORS:

- DDC panel - 103
- data points - 7500

### USED EQUIPMENT:

- field devices - Schneider Electric
- controllers - Schneider Electric, RelayGmbH
- SCADA - StruxureWARE (Schneider Electric)



# Ukrinvest Business Centre

Donetsk, Ukraine



## OUR WORK

- design
- construction
- commissioning

### INTEGRATED SYSTEMS:

- heating
- gas supply system
- cooling and air conditioning
- ventilation
- water supply and sewerage
- smoke extraction
- electrical power supply
- electric lighting
- elevators
- fire protection
- fire alarm
- energy metering system
- detecting of dangerous gases

### LOCAL AUTOMATION OF OFFICE SPACE:

- heating and air conditioning
- power supply & lighting
- sun protection structures

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks
- network technology - KNX (office)

### SIZE INDICATORS:

- DDC panel - 15
- KNX devices - 840
- data points - 4000

### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- KNX sensors - ABB
- controllers - TAC (Schneider Electric)
- KNX actuators - ABB
- SCADA - Vista 5 (Schneider Electric)



# PJSC Prominvestbank

Donetsk, Ukraine



## OUR WORK

- design
- INTEGRATED SYSTEMS:
- heating
  - gas supply system
  - cooling and air conditioning
  - ventilation
  - smoke extraction
  - water supply and sewerage
  - electrical power supply
  - electric lighting
  - elevators
  - fire protection
  - fire alarm
  - security systems & access control
  - energy metering system
  - detecting of dangerous gases
  - fire doors & gates

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 40
- data points - 2900

### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers -TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



# SKIF Business Centre

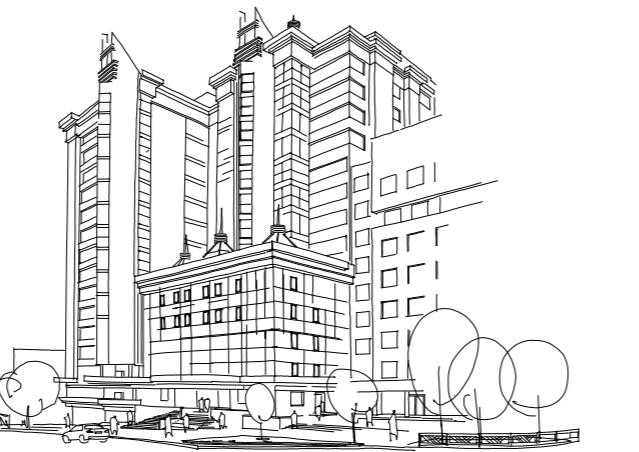
Donetsk, Ukraine

## OUR WORK

- design
- construction
- commissioning

### INTEGRATED SYSTEMS:

- heating
- gas supply system
- cooling and air conditioning
- ventilation
- smoke extraction
- water supply and sewerage
- fire protection
- electrical power supply
- electric lighting
- elevators
- fire alarm
- energy metering system
- detecting of dangerous gases



## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 20
- data points - 900

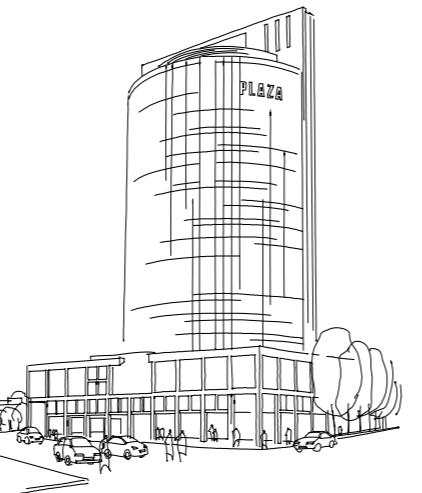
### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers - TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



# Green Plaza Office & Trade Centre

Donetsk, Ukraine



## OUR WORK

- design
- INTEGRATED SYSTEMS:
- heating
  - gas supply system
  - cooling and air conditioning
  - ventilation
  - smoke extraction
  - water supply and sewerage
  - electrical power supply
  - electric lighting
  - elevators
  - fire protection
  - fire alarm
  - security systems & access control
  - energy metering system
  - detecting of dangerous gases

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 52
- data points - 2600

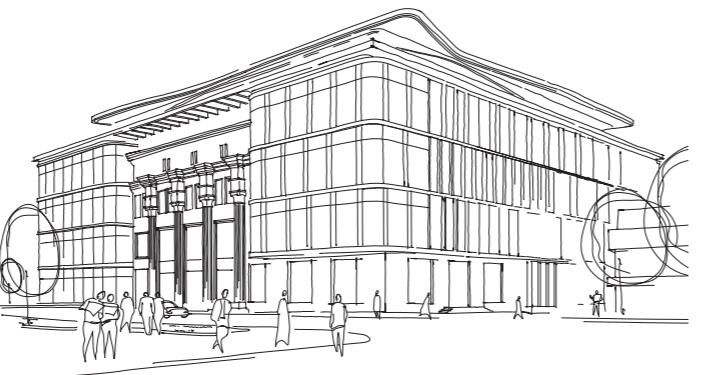
### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers -TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



# TSUM Trade Center

Donetsk, Ukraine



## OUR WORK

- design

### INTEGRATED SYSTEMS:

- heating
- gas supply system
- cooling and air conditioning
- ventilation
- smoke extraction
- water supply and sewerage
- electrical power supply
- electric lighting
- fire protection
- fire alarm
- security systems & access control
- energy metering system
- detecting of dangerous gases
- fire doors & gates
- elevators

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 21
- data points - 900

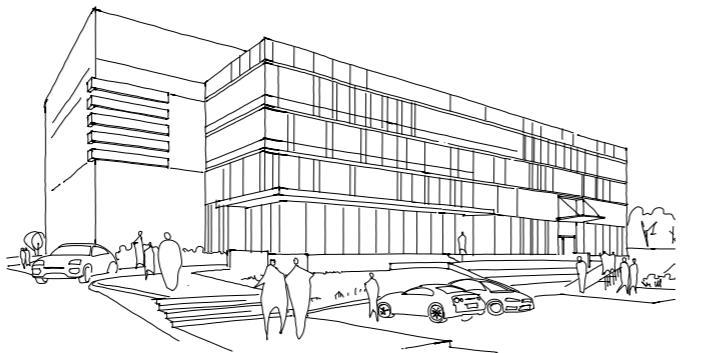
### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers -TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



# Antalex Logistic Complex

Donetsk, Ukraine



## OUR WORK

- design
- INTEGRATED SYSTEMS:
- heating
  - gas supply system
  - cooling and air conditioning
  - ventilation
  - smoke extraction
  - water supply and sewerage
  - electrical power supply
  - electric lighting
  - irrigation
  - fire protection
  - fire alarm
  - security systems & access control
  - energy metering system
  - detecting of dangerous gases
  - fire doors & gates
  - elevators

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 43
- data points - 3200

### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers -TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



# Big Moscow Hotel

Odessa, Ukraine



## OUR WORK

- design

### INTEGRATED SYSTEMS:

- heating
- gas supply system
- cooling and air conditioning
- ventilation
- smoke extraction
- water supply and sewerage
- electrical power supply
- electric lighting
- elevators
- fire protection
- fire alarm
- security systems & access control
- energy metering system
- detecting of dangerous gases

### LOCAL AUTOMATION OF SUITES:

- heating and air conditioning
- power supply & lighting
- sun protection structures
- technical and alarm signalization

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks
- network technology - KNX (suite)

### SIZE INDICATORS:

- DDC panel - 32
- KNX devices - 814
- data points - 6000

### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- KNX sensors - ABB
- controllers - TAC (Schneider Electric)
- KNX actuators - ABB
- SCADA - Vista 5 (Schneider Electric)

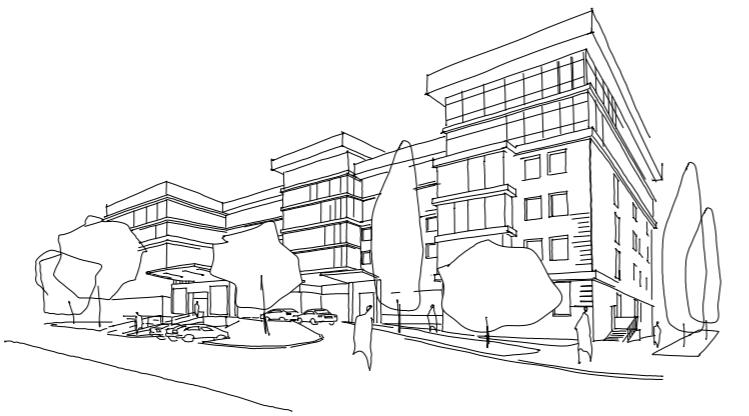
### ADDITIONALLY

The project envisages the integration of the hotel business management system "Micros Fidelio" into a building management system



# Park Inn Hotel Hotel

Donetsk, Ukraine



## OUR WORK

- design
- construction
- commisiong

## INTEGRATED SYSTEMS:

- heating
- cooling and air conditioning
- ventilation
- smoke extraction
- water supply and sewerage
- electrical power supply
- electric lighting
- fire protection
- fire alarm
- security systems & access control
- detecting of dangerous gases
- elevators

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 18
- data points - 600

### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers -TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



# CITYHOTEL Hotel

Kyiv, Ukraine



## OUR WORK

- design
- construction
- commissioning

### INTEGRATED SYSTEMS:

- heating
- cooling and air conditioning
- ventilation
- electrical power supply
- electric lighting

### LOCAL AUTOMATION OF SUITES:

- heating and air conditioning
- technical and alarm signalization

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - BACnet

### SIZE INDICATORS:

- DDC panel - 63
- data points - 2000

### USED EQUIPMENT:

- field devices - Honeywell
- controllers - Honeywell
- SCADA - Arena NX (Honeywell)



# Recreational Complex

Alupka, Ukraine

## OUR WORK

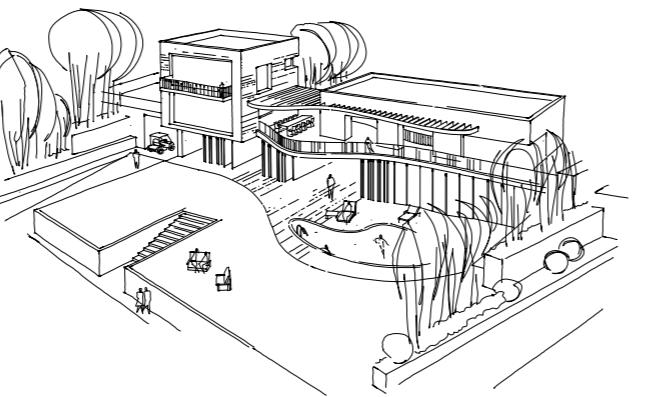
- design
- construction
- commissioning

### INTEGRATED SYSTEMS:

- heating
- cooling and air conditioning
- ventilation
- water supply and sewerage
- electrical power supply
- electric lighting
- irrigation
- pumping and filtration stations (pools, artificial reservoirs)
- security systems & access control
- energy metering system

### LOCAL AUTOMATION OF VILLAS:

- heating and air conditioning
- power supply & lighting
- sun protection structures
- technical signalization



## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks
- network technology - KNX (villas)

### SIZE INDICATORS:

- DDC panel - 60
- data points - 7000
- KNX devices - 1300

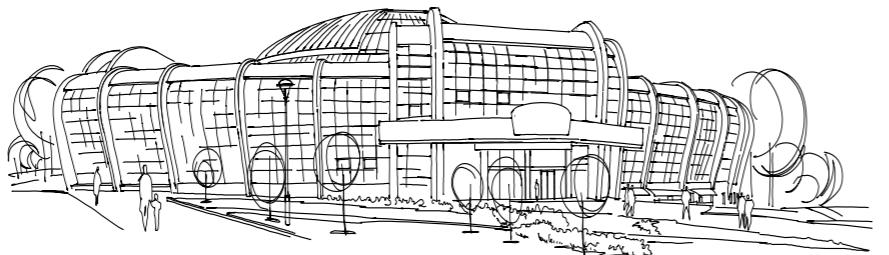
### USED EQUIPMENT:

- field devices - TAC(Schneider Electric)
- controllers KNX - ABB (villas)
- SCADA - Vista 5 (Schneider Electric)



# AquaSferra Waterpark

Donetsk, Ukraine



## OUR WORK

- design
- construction
- commissioning

### INTEGRATED SYSTEMS:

- heating
- gas supply system
- cooling and air conditioning
- ventilation
- smoke extraction
- water supply and sewerage
- electrical power supply
- electric lighting
- irrigation and aeration
- pumping and filtration stations (attractions, pools, artificial reservoirs)
- fire protection
- fire alarm
- security systems & access control
- energy metering system

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 15
- data points - 1650

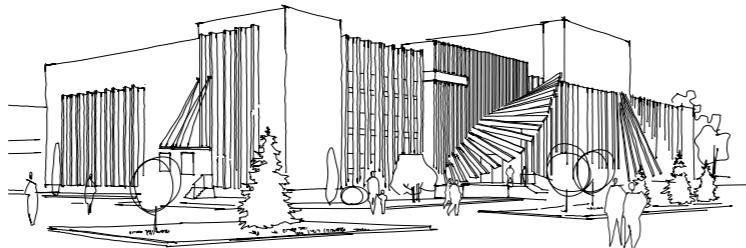
### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers - TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



# Concert Hall PJSC Concern Stirol

Gorlovka, Ukraine



## OUR WORK

- design
- construction
- commissioning

## INTEGRATED SYSTEMS:

- heating
- cooling and air conditioning
- ventilation
- smoke extraction
- water supply and sewerage
- electrical power supply
- electric lighting
- stage mechanisms (flybar drivers, platform)
- fire protection
- fire alarm
- energy metering system

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 20
- data points - 700

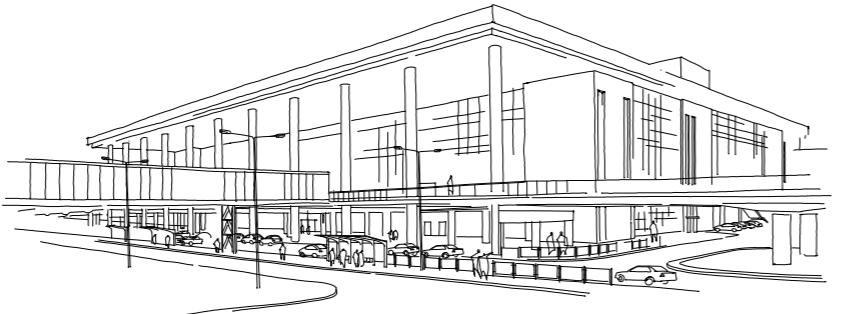
### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers - TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



# Donetsk Sergei Prokofiev International Airport

Donetsk, Ukraine



## OUR WORK

- design
- construction
- commissioning

### INTEGRATED SYSTEMS:

- heating
- cooling and air conditioning
- ventilation
- smoke extraction
- water supply and sewerage
- electrical power supply
- electric lighting
- fire protection
- fire alarm
- energy metering system

## BMS DESCRIPTION

### TECHNOLOGIES:

- network technology - LonWorks

### SIZE INDICATORS:

- DDC panel - 100
- data points - 6400

### USED EQUIPMENT:

- field devices - TAC (Schneider Electric)
- controllers - TAC (Schneider Electric)
- SCADA - Vista 5 (Schneider Electric)



WE ARE INTERESTED IN CREATING CONDITIONS WHICH BUILDINGS HAVE A  
MINIMAL IMPACT ON THE ENVIRONMENT, BOTH IN THE CONSTRUCTION  
PROCESS, AND IN THE PROCESS OF THEIR FOLLOWING LONG-TERM OPERATION





02260, Ukraine  
Kyiv, Sverstuka str., 17  
tel./fax: +380 (44) 339 9654  
[www.greenproject.com.ua](http://www.greenproject.com.ua)