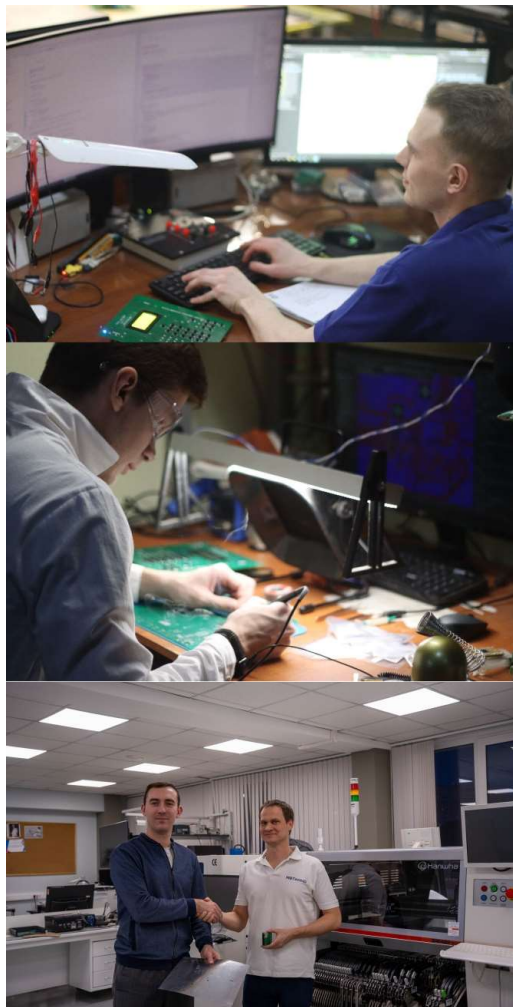


Compact solutions for wide applications

Control and monitoring cabinets based PLCs made by MBTECH





The company “MBTech“ LLC was founded in 2010.

For more than 15 years, we collected experience that allows us to develop new products and solutions for wide range of applications in industrial and energy facilities.

Our advantages:

Our own production and quality control

Our own engineering department and testing laboratory

Our own design department for creating and testing prototypes

Main activities:

Development and production of industrial electronics and electrical engineering devices.

Design and assembly of communication, automation, control and monitoring cabinets.

Equipment supply.

Installation, commissioning, maintenance.

The central office and production is located in Moscow region, Russia.



Power energy



Automation and monitoring



Data collection



Lighting



Infrastructure and industry



Ventilation



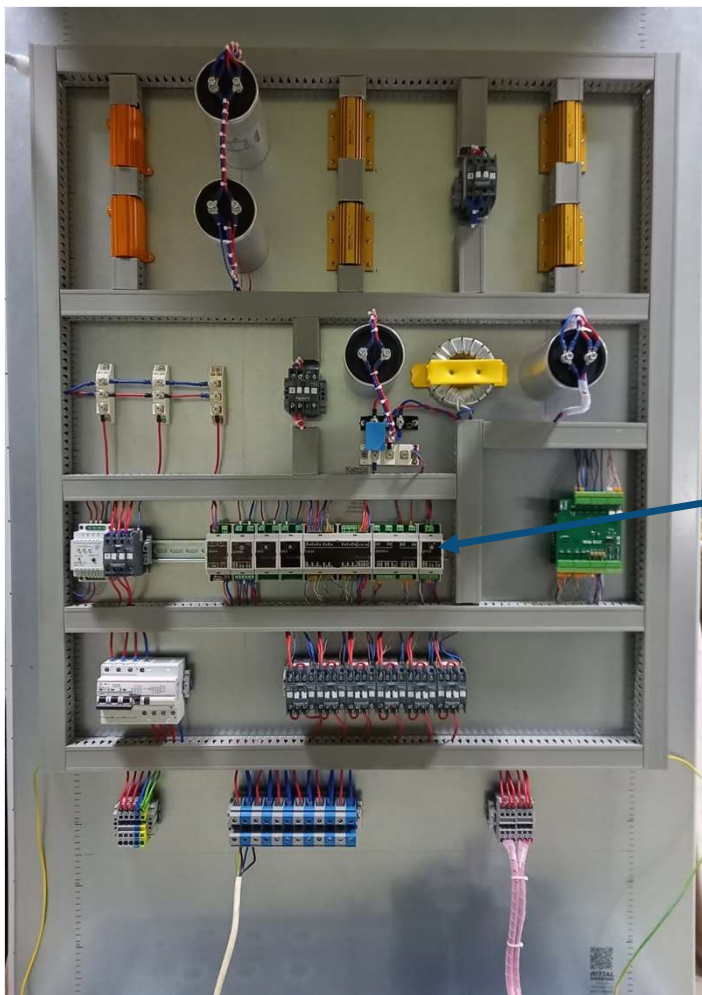
Weight control



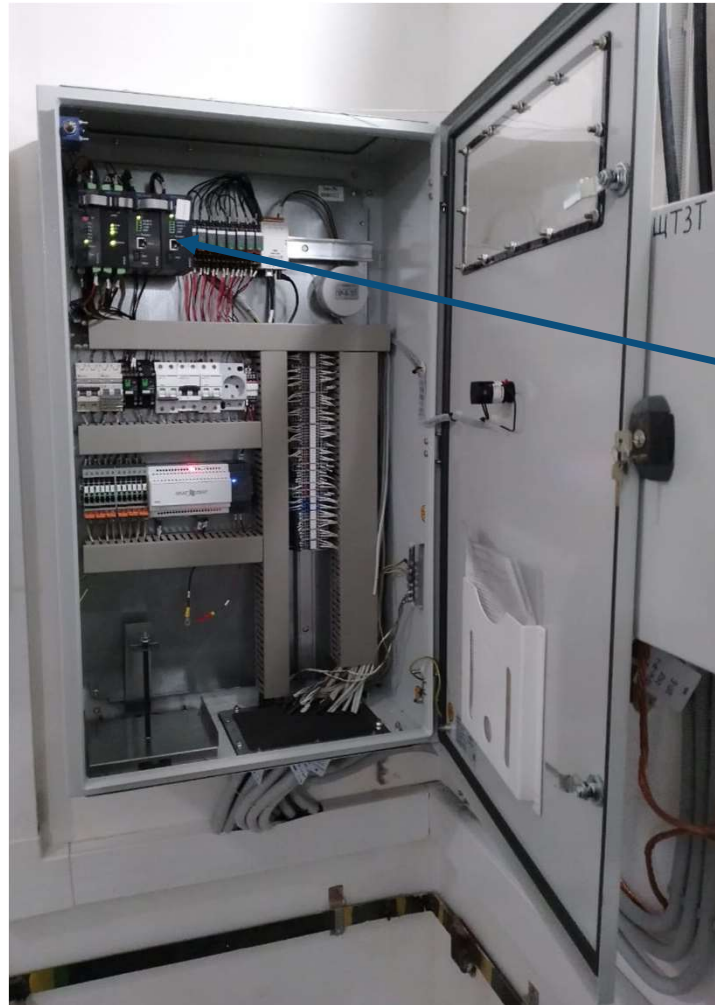
Machine operation



Technical values	Makon	Pluton
Power supply voltage	24V, 220V	
DI	≥32	Up to 16
DO	≥32	Up to 16
RO	≥12	Up to 1
AI	≥2	6
Galvanic divider	500V	
Interface	RS-485 (double) - 1 CAN bus – 1	RS-485 - 1
Datatransfer protocol	Modbus-RTU, IEC 60870-5-104, IEC 61850	Modbus-RTU
Standard automation logic	Optional	Integrated
Extension	Yes	No



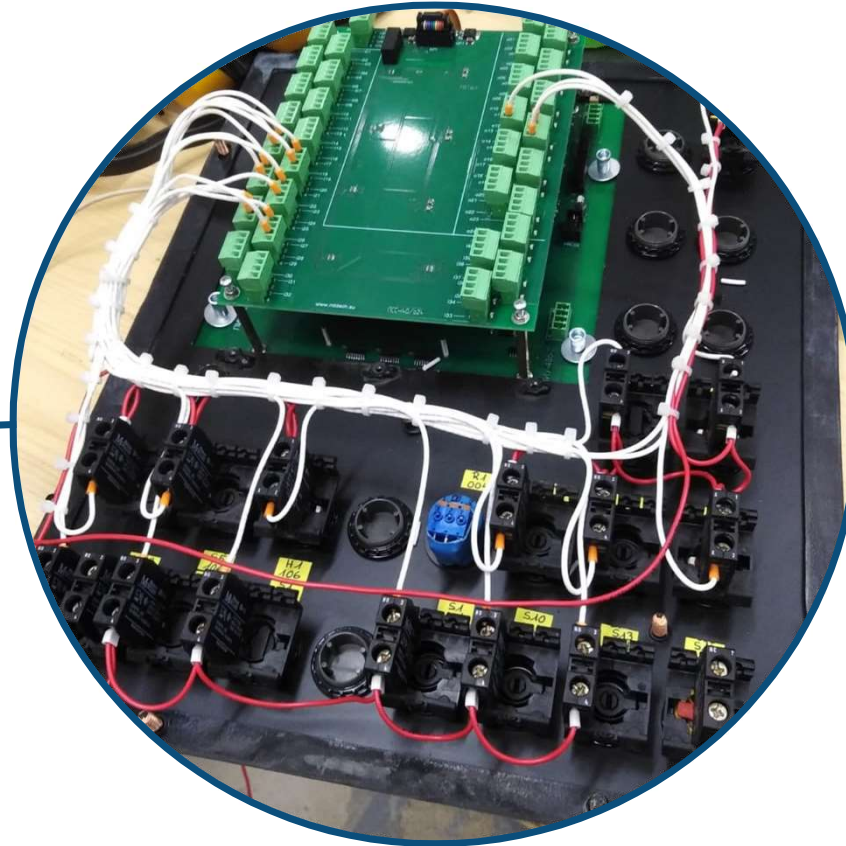
Control cabinet for road anti-icing automation system in Moscow based on PLC MAKON



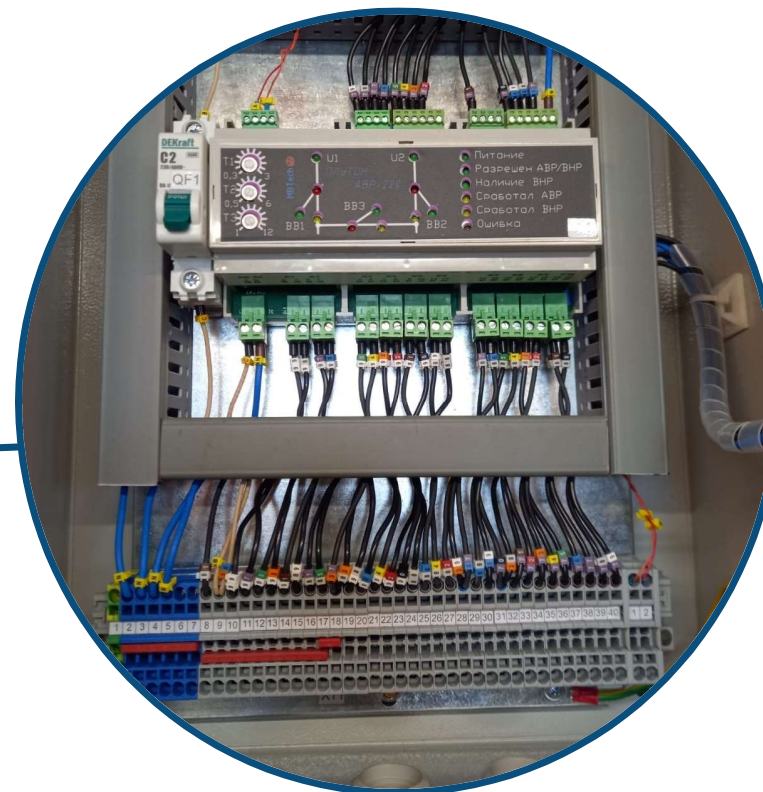
Data exchange cabinet for
datacentre Sberbank
(Moscow) based on PLC
MAKON



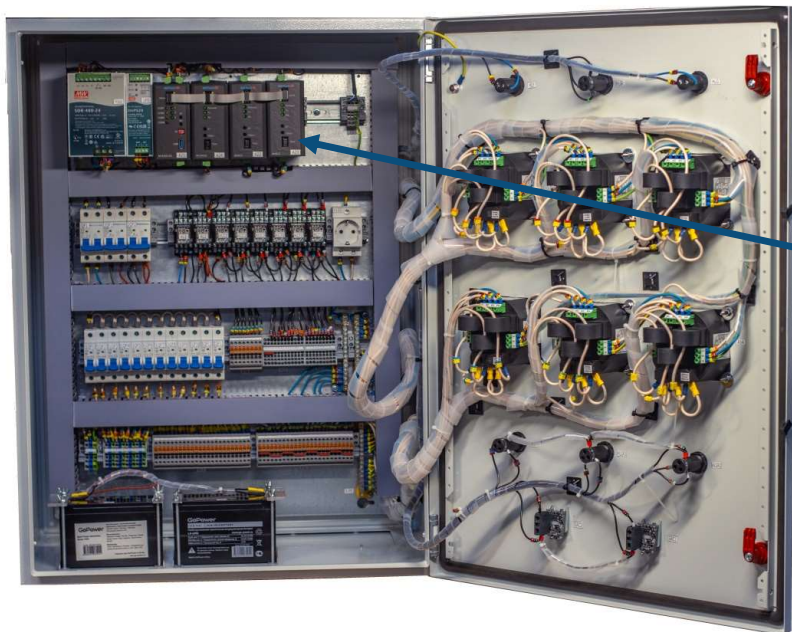
ATS system based on PLC MAKON for datacentre
Ixcelerate (Moscow)



PLC MAKON for operation and control of machine with frequency drive



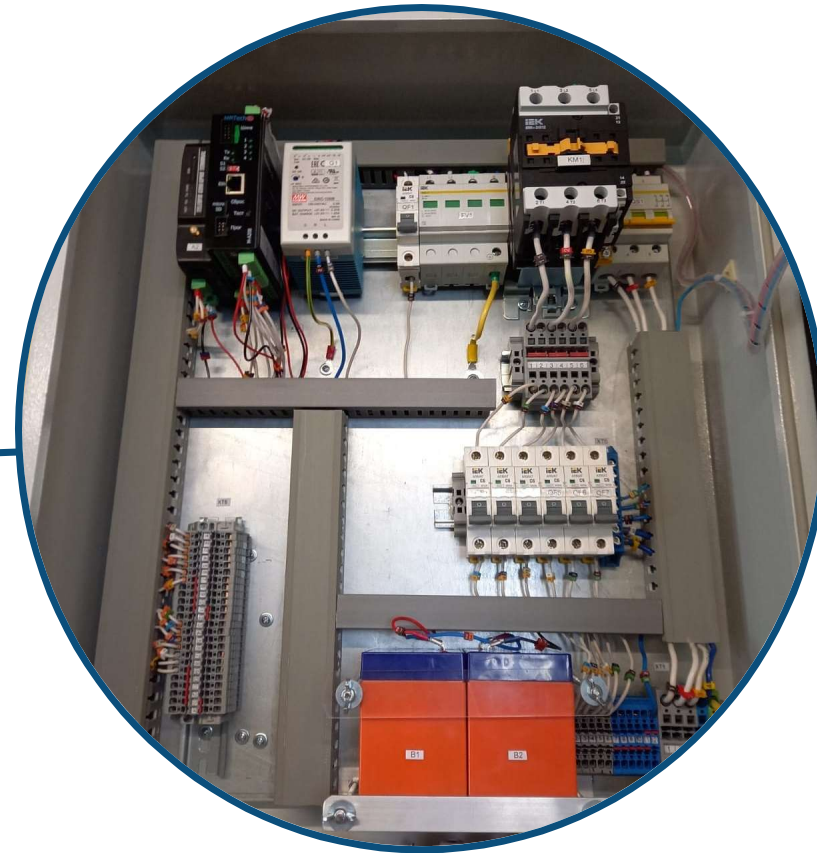
ATS cabinet based on PLC PLUTON
(0.4kV – 6-20kV)



ATS cabinet based on PLC MAKON
(0.4kV – 6-20kV)



Control&monitoring cabinet based on PLC MAKON with LCD touch-screen module for distrubution substation (0.4kV – 6-20kV)



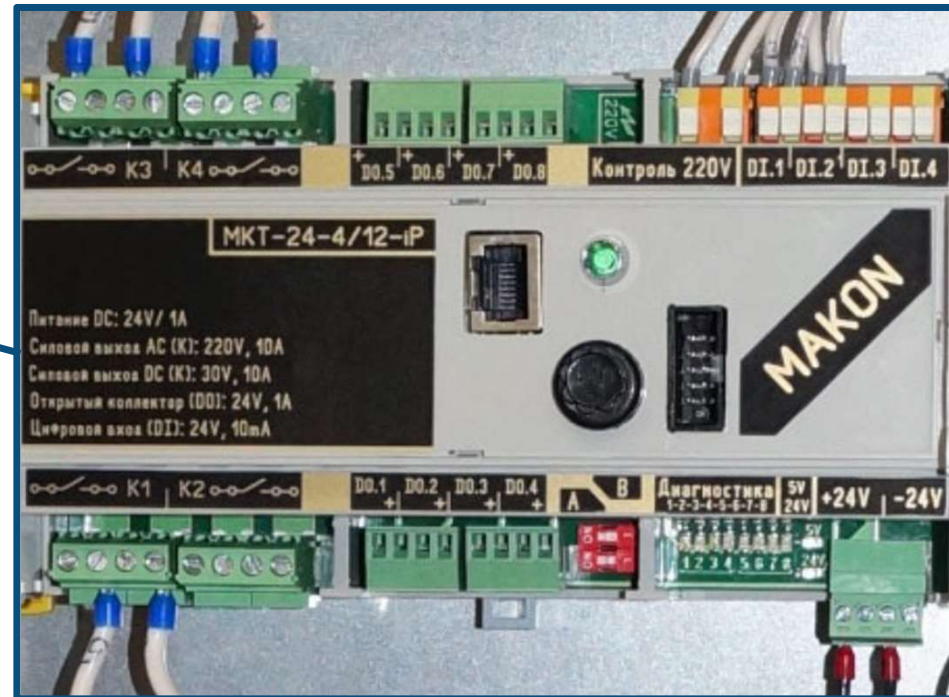
Outdoor lighting system control cabinet based on PLC MAKON



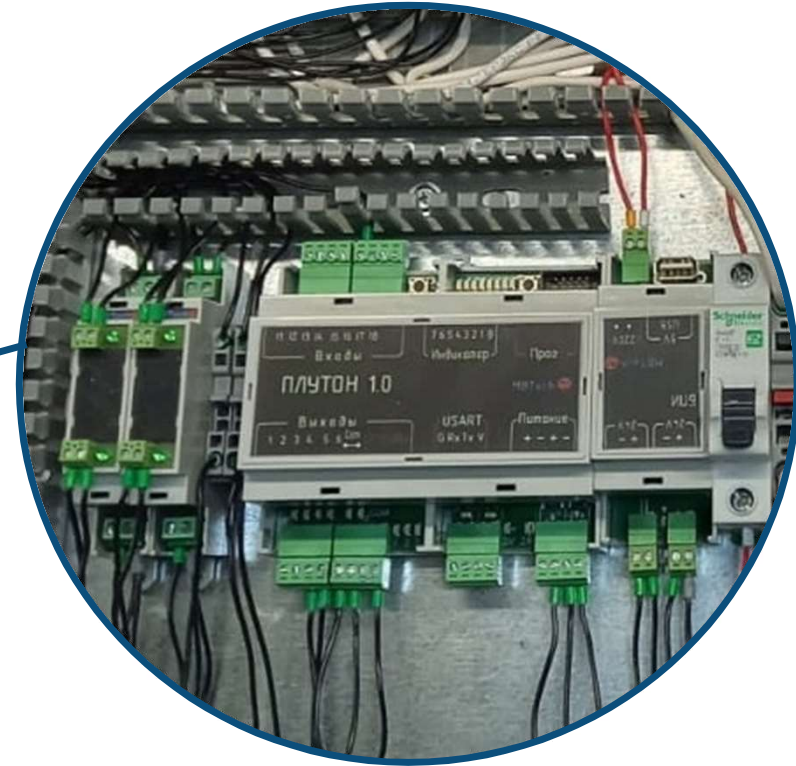
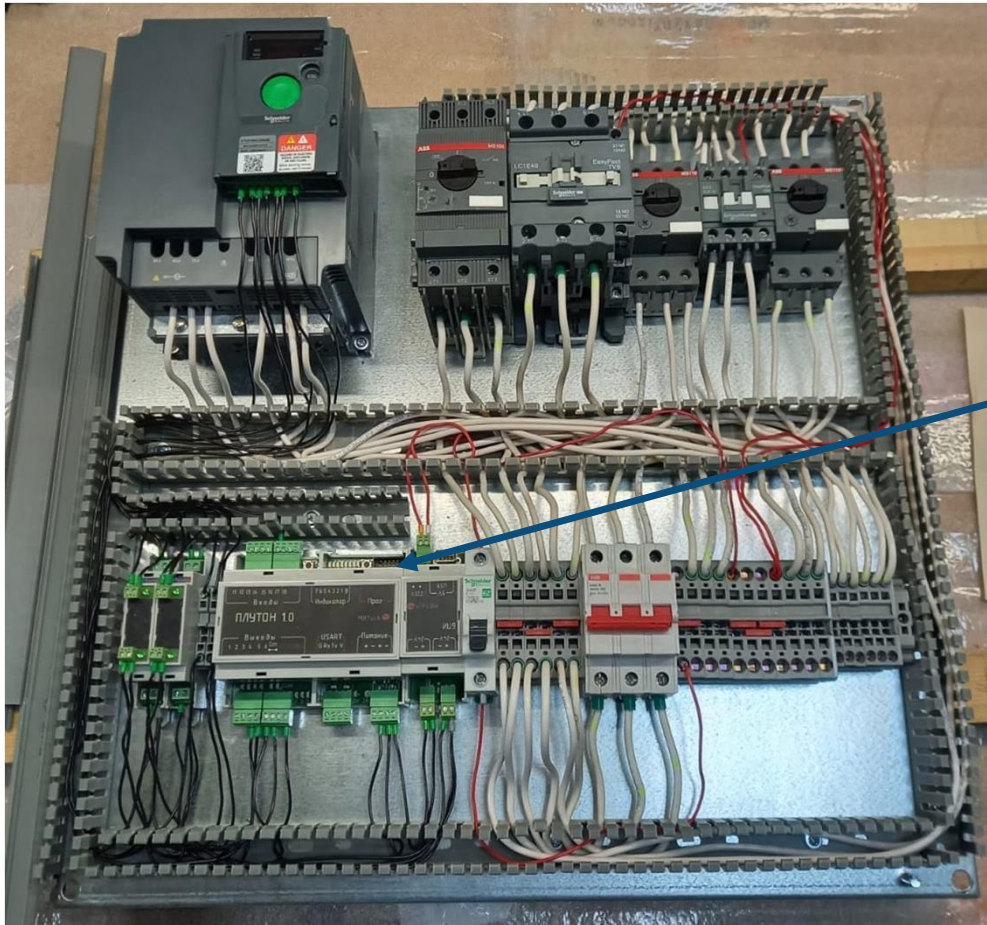
Monitoring system cabinet based on PLC MAKON



Ventilation control system cabinet based on PLC PLUTON for industrial painting station



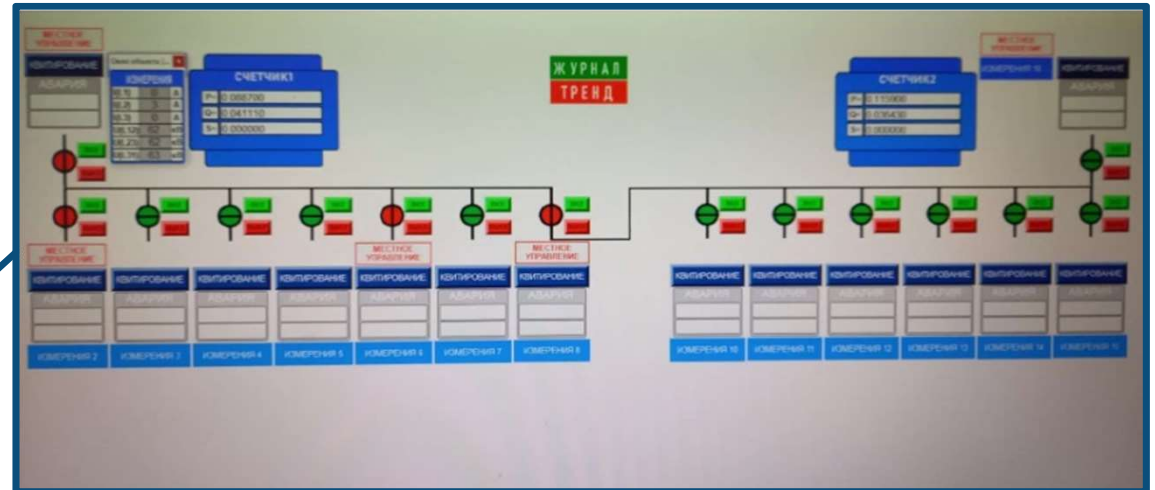
Outdoor lighting system control cabinet based on PLC MAKON
(Kazakhstan)



PLC PLUTON for operation and control of machine with frequency drive



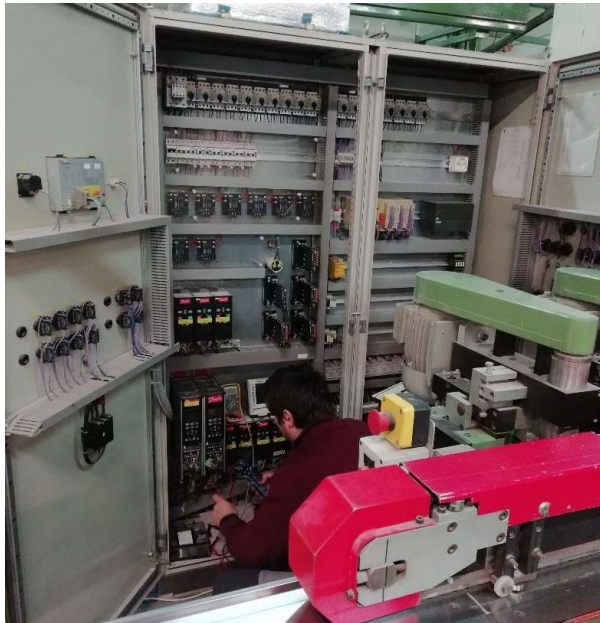
Monitoring cabinet for 110kV busbar



SCADA and PLCs for distribution
substation 10kV
(Perm region, cement factory)



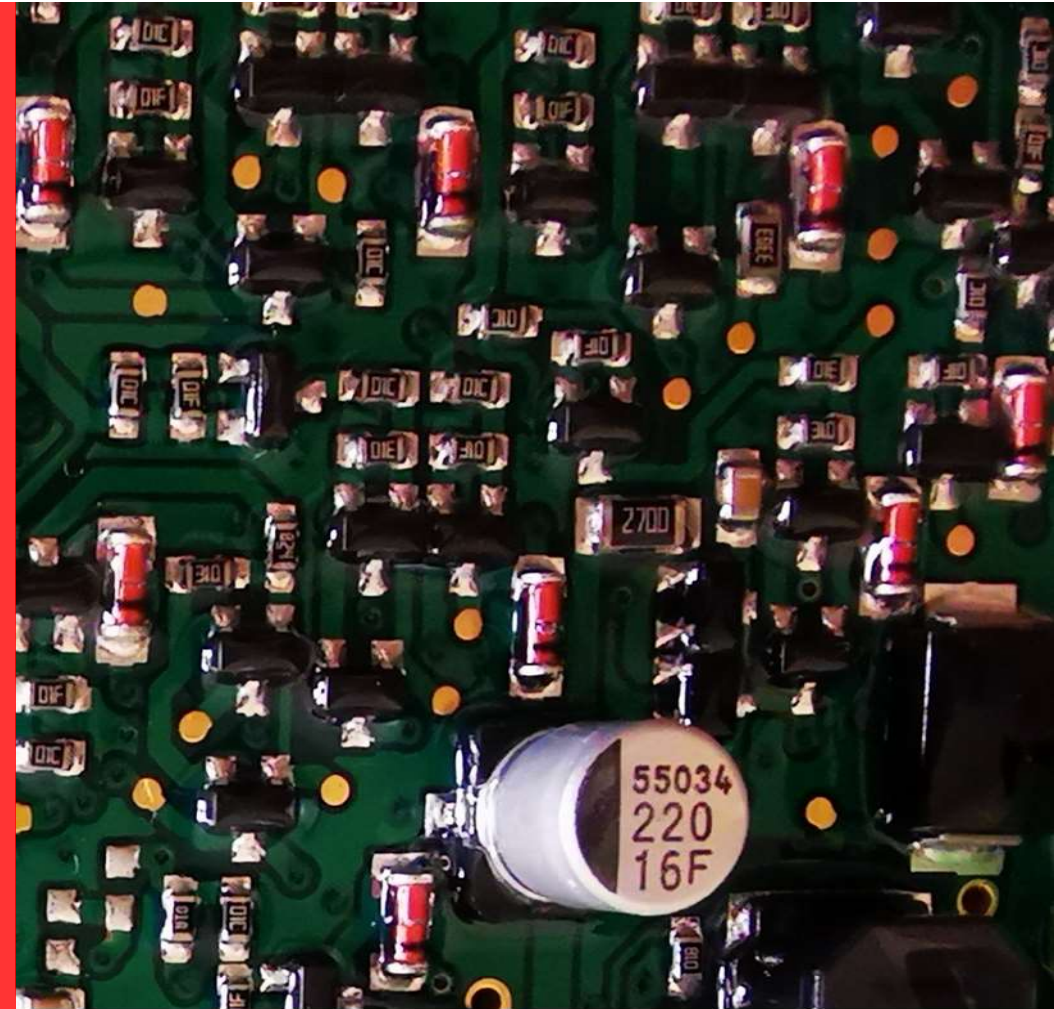
MBTech is able to provide technical support, maintenance, installation and commissioning on site for PLCs and control cabinets.



MBTech

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