



**MICOS**



# TRAFFIC SYSTEMS

## Smart Outdoor Cabinets



## PLP Czech Republic (MICOS)

MICOS TELCOM s.r.o. was established in 1990 as part of the MICOS group and has operated independently since 2018. In 2019, it became part of the international company Preformed Line Products (PLP) and adopted the brand name PLP Czech Republic (MICOS).

We manufacture Smart Outdoor Cabinets (SmartCabs) for use in various applications in traffic systems. We also specialize in injection molding and metal processing, specifically design, manufacture and supply of passive components for fiber networks in telecommunications.

PLP protects the world's most critical connections by creating stronger and more reliable networks. With locations in over 20 countries, PLP works as a united global corporation, delivering high-quality products and unparalleled service to customers around the world.

We are an EU-based company with multiple certificates, including ISO 9001, ISO 14001 and ISO 45001, reflecting our commitment to sustainable development and workplace safety.

We utilise our considerable cross-discipline technical expertise and resources to offer special and completely new technical solutions according to our customers' requirements – from product development and prototyping to testing and putting into operation.

**Our vision: The Connection You Can Count On.®**



We provide high-quality outdoor cabinets designed to protect and support key technologies across transportation, industrial and smart-infrastructure sectors. Our cabinets ensure reliable operation in demanding outdoor environments and offer long-term protection for traffic control, sensing, parking and security systems.

Our solutions cover application areas:

- **Sensing Systems:** Cabinets for weighing, sensing and metering technologies used in traffic, rail, logistics and industrial measurement, and cabinets for meteorological and RWIS equipment.
- **Traffic Control:** Robust housings for traffic-management and parking-control components such as controllers, communication units and ITS devices.
- **Security Systems:** Cabinets for CCTV and surveillance electronics, ensuring safe operation of monitoring and safety infrastructure.
- **Parking Systems:** Cabinets designed for parking and payment systems, providing reliable protection for control electronics, sensors, payment terminals and communication elements.



**Versatile Applications**  
**Customizable Design**  
**Made in EU**  
**Certified**  
**High-Quality Materials**





## Sensing Systems



The outdoor cabinets are designed for reliable installation of weighing, sensing, metering, meteorological and RWIS technologies.

They provide stable environmental conditions for load cells, detectors, controllers and other measurement electronics used in traffic weighing, telematics and industrial monitoring.

Their climate-protected design ensures accurate and uninterrupted data collection in all weather conditions.

**Typical applications:** traffic and rail weighing systems, telematics sensors, industrial metering, waste-management, road-weather and meteo monitoring.



WEIGHING SYSTEMS

SENSING

METERING

METEO STATIONS

DEMOUNTABLE

AC/HEX/FAN COOLING

UP TO IP55



## Traffic Control

The outdoor cabinets are suitable for a wide range of transportation applications, such as traffic light control, road sensors, intersections, railway signaling systems and more.

Designed to house controllers, communication units, power distribution and other components essential for smart mobility systems.

Each cabinet can be customized to meet specific requirements, ensuring reliable operation and seamless integration into traffic and transport infrastructure.

**Typical applications:** traffic signal control, intersections, variable message signs, ITS infrastructure and more.



INTERSECTIONS

ITS INFRASTRUCTURE

TRAFFIC SIGNAL CONTROL

AC/FAN COOLING

ANTI-VIBRATION

SINGLE DOOR / DOUBLE DOOR



## Security Systems



The outdoor cabinets are engineered to securely house CCTV cameras and associated security system components, including recording units, power supplies and networking equipment.

Their primary purpose is to protect sensitive electronics from vandalism, unauthorized access, harsh weather conditions and extreme temperature fluctuations.

Thanks to durable construction and high-quality materials, these cabinets ensure reliable year-round operation in demanding outdoor environments.

**Typical applications:** traffic monitoring, perimeter protection, restricted areas, public space security and industrial CCTV systems.



CCTV

TRAFFIC SURVEILLANCE

SMART CITY

INTERSECTIONS

UNIVERSAL

POLE BRACKET

LIGHT WEIGHT

COMPACT SOLUTION



## Parking Systems

The outdoor cabinets are designed for modern parking systems, engineered to reliably protect control electronics, power supply components, communication modules and sensors in demanding outdoor conditions.

Their construction ensures long-term resistance to weather conditions, vandalism and temperature extremes, which is key to the stable operation of parking technologies in continuous operation.

**Typical applications:** payment and check-in terminals, entry and exit control systems, charging infrastructure for electric vehicles, parking systems in urban environments.



CONTROL SYSTEMS

PARKING SYSTEMS

EV CHARGING

ANTI-VANDAL

SINGLE DOOR / DOUBLE DOOR

DEMOUNTABLE



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