

EMIKO HARDWARE

CONNECTED INFRASTRUCTURE FOR REAL
OPERATIONAL ENVIRONMENTS



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MENU

01. MARINE SERVICE POINTS

02. METERING & LOGGING

03. ACCESS, ACTIVATION & INTEGRATION

04. LIGHTING & NAVIGATION

05. PUMPS & FIELD EQUIPMENT

06. POWER, SECURITY & DATA SERVICES

07. MODULES & API SERVICES

THE HARDWARE BEHIND EMIKO

EMIKO connects physical field equipment with digital control.

From marina service points and access systems to monitoring devices, backup power, environmental sensors and field equipment, each hardware solution becomes part of **one connected system**.

Together, they help ports and marinas manage services, usage, access and real time information from one platform.

What Connected Hardware Makes Possible

UTILITY ACCESS

Power and water services managed through connected infrastructure.

ACCESS CONTROL

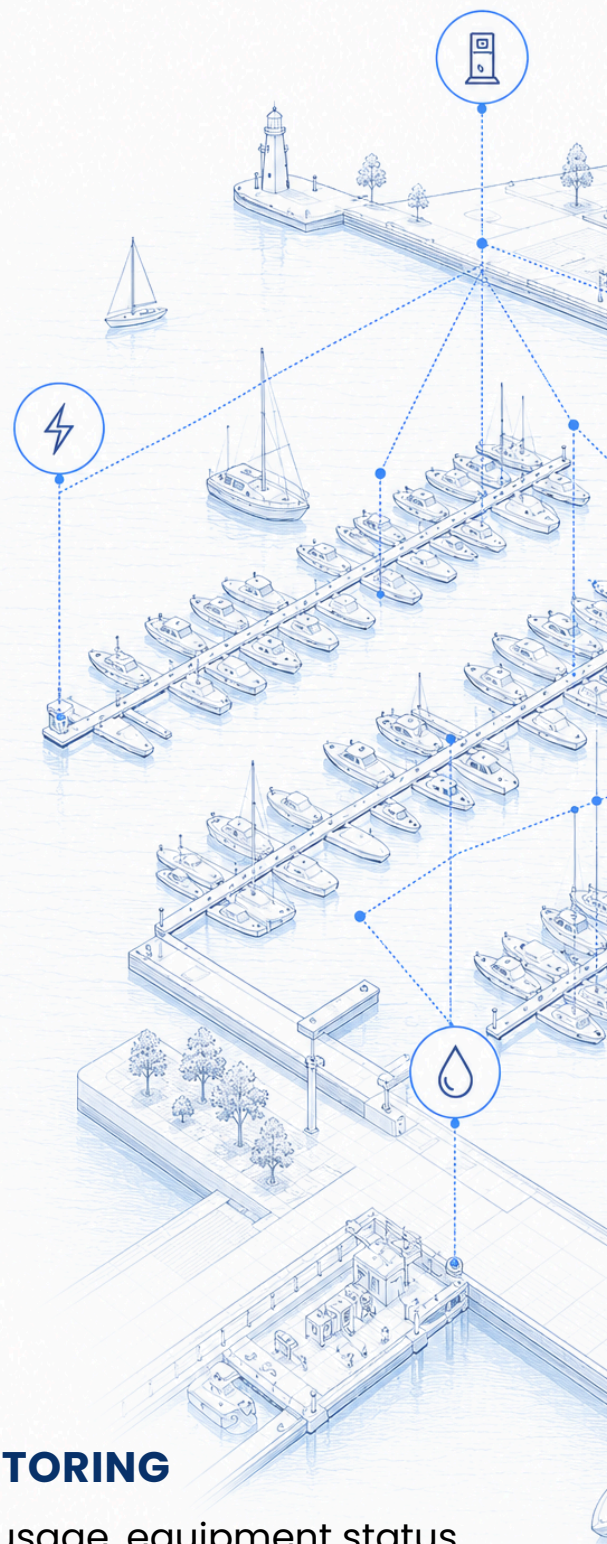
Connect gates, service points and user activation methods.

MONITORING

Track usage, equipment status and local site conditions.

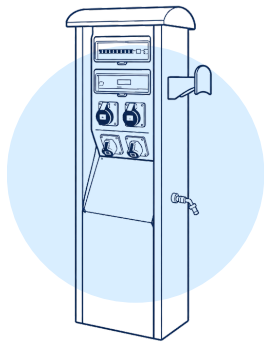
DATA OVERVIEW

Bring field equipment into one clear operational platform.



CONNECTED HARDWARE PRODUCT FAMILIES

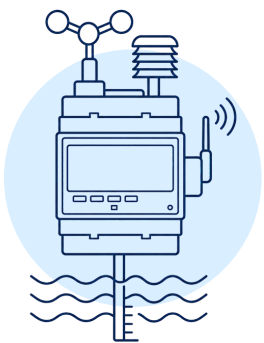
A clear overview of the hardware families connected to EMIKO.



01. MARINE SERVICE POINTS

Electricity, water and shore service systems with metering and controlled user authorization.

- Marinella NEO
- Marineium
- MarinePro
- MarineMax
- ShoreSupply
- WaterStation
- PowerStation
- NEO Installation KIT



02. METERING & LOGGING

Operational, utility and environmental data from connected equipment.

- EnergyLogger
- WeatherStation
- OceanWatcher
- DataGuard



03. ACCESS, ACTIVATION & INTEGRATION

Controlled user access, gate handling, service activation and system-to-system exchange.

- QR activation
- GateKeeper
- Gate2Gate
- RFID activation
- Mobile App activation

OPERATIONAL SYSTEMS

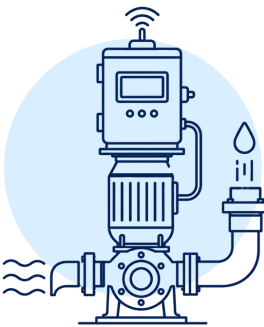
Lighting, pump control, backup power, security and data services complete the EMIKO hardware ecosystem.



04. LIGHTING & NAVIGATION

Connected lighting solutions for harbors, marine navigation and coastal infrastructure.

- MarineGuard
- Sector Lights
- OnSiteLight
- Marinella NEO Light
- Lanterns & Beacons
- NaviGuard



05. PUMPS & FIELD EQUIPMENT

Remote control and monitoring for pumps, liquid systems, biogas and slurry applications.

- FlexVander LX
- FlexGylle
- BioWatch
- EasyPump



06. POWER, SECURITY & DATA SERVICES

Backup power, UPS supervision, security monitoring and alarm management.

- PowerGuard
- FlexGuard



07. MODULES & API SERVICES

- Warning
- EMIKO Forecast
- Oeconomia API
- DMI Water Level Export
- EMIKO EasyShare

01. MARINA SERVICE POINTS

At berth level, power and water access becomes part of daily marina operation.

Each activation, outlet and meter reading affects how services are managed and followed up.

This equipment gives operators better control over service use, with EMIKO supporting access, usage data and daily overview.

_ POWER & WATER DELIVERY

Utility access for berths, docks and service areas.

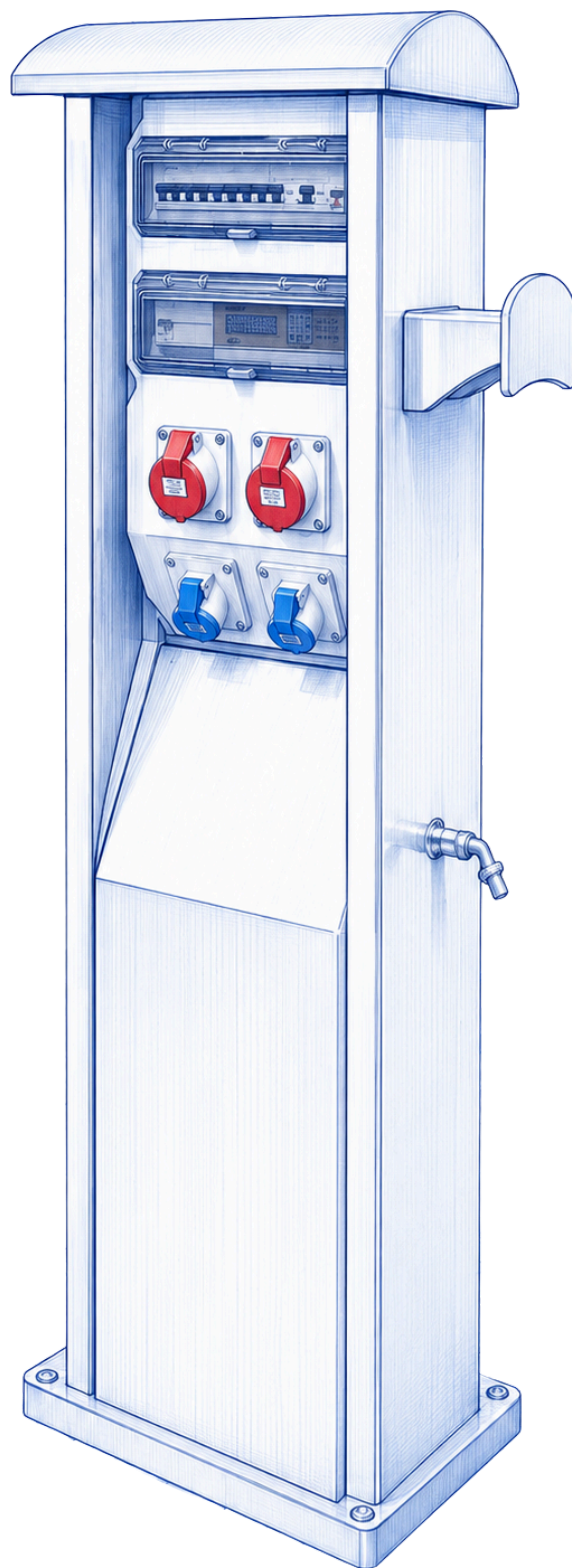
_ CONTROLLED SERVICE USE

Users can activate services through app, RFID or QR, while operators keep control of access and usage.

_ OPERATIONAL FOLLOW UP

Usage and meter data brought into EMIKO for clearer daily follow up.

**EVERY BERTH. EVERY SERVICE.
UNDER CONTROL.**



SERVICE POINTS SOLUTIONS

From compact service points to high-capacity utility systems, this product family covers different installation needs across marina and port environments.



Marinella NEO

COMPACT

For marinas and smaller ports, Marinella is space-saving yet powerful, offering essential utility services.

- up to 4 power outlets
- optional 1 water outlet
- stainless steel body
- compact supply stand

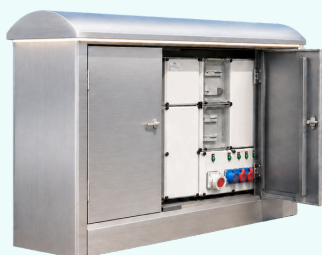


Marineium

STANDARD

Medium-sized pedestals ideal for efficient utility management in fishing ports and larger Marinas.

- up to 6 power outlets
- optional 2 water outlets
- smart port solution
- durable dockside design



MarineBox

CABINET

Designed for marinas and ports, MarineBox provides higher utility capacity in a compact cabinet-style format.

- up to 12 power outlets
- optional 1 water outlet
- cabinet-style unit
- protected utility access



MarinePro

ADVANCED

Designed for medium-to-large ports & harbors, MarinePro provides high capacity with customizable configurations.

- up to 16 power outlets
- up to 2 water outlets
- high capacity stand
- customizable configuration

SPECIALIZED UTILITIES

HIGH-CAPACITY



MarineMax

Customizable high-capacity for demanding power.



ShoreSupply

Heavy-duty power for large vessels and high-demand areas.



WaterStation

Dedicated water supply system with flow meter, valve and cloud monitoring.



PowerStation

A basic power cabinet for direct plug-in electricity access, without remote control.



Marinella NEO Wallbox

Compact wall-mounted utility access for campsites, marinas and other shared outdoor environments.

SPACE-SAVING WALL INSTALLATION

UPGRADE EXISTING SERVICE POINTS

Bring existing pedestal infrastructure into EMIKO without replacing the full installation.

Many marinas already have service points that can still be used. EMIKO retrofit solutions upgrade the control layer inside existing pedestal systems, without replacing the full cabinet.

HOW THE UPGRADE WORKS

01. Service point check

The existing cabinet, outlets and internal setup are checked before the upgrade configuration is selected.

02. Install the NEO controller

EMIKO hardware is installed inside the pedestal to support controlled service management.

03. Connect to EMIKO

Each unit is configured, tested, and linked to the Emiko Ecosystem.

04. Reinstall and operate

The service point returns to operation with connected control through EMIKO.

BRING EXISTING PEDESTALS INTO EMIKO PLATFORM

Upgrade Existing Pedestals with EMIKO



MARINELLA NEO
Installation KIT

EMIKO RETROFIT SOLUTION

What you get

Retrofit solutions add EMIKO control to existing service points while keeping the physical cabinet in use.



Remote control

Manage service activation and access through EMIKO.



Usage overview

Follow consumption, service activity and meter data in one operational view.



Digital activation

Support app, QR, RFID or other access methods where relevant.



Existing cabinet kept

Upgrade the internal control layer without replacing the full service point.



Configured for daily use

Each upgraded unit is prepared, tested and linked to the EMIKO ecosystem.



Clearer operational follow up

Operators get better visibility into access, usage and ongoing service activity.

KEEP THE INFRASTRUCTURE. UPGRADE THE OPERATION.

02. METERING & LOGGING

Metering and logging equipment brings utility use, sensor data and equipment signals into EMIKO, giving operators a clearer view of consumption and site conditions.

_ UTILITY MONITORING

Track electricity, water and other utility data from connected systems or wireless meters.

_ FIELD DATA

Collect information from sensors, meters and site equipment.

_ EQUIPMENT STATUS

Follow connected devices and operational signals.

_ OPERATIONAL OVERVIEW

Bring field data into EMIKO for clearer monitoring and follow up.

_ DATA HISTORY

Record readings, alarms and field events for traceable follow-up.

**FROM FIELD READINGS
TO CLEARER OPERATION**



ENERGYLOGGER & DATAGUARD

Wireless metering and telemetry for connected operation.



ENERGYLOGGER

Track heat, electricity, and water in one go!

EnergyLogger collects consumption data from connected or wireless meters and brings it into EMIKO for monitoring, reporting and follow up.



DATAGUARD

Sensor and signal logging for field equipment.

DataGuard collects data from sensors and connected devices, including analog, digital and serial signals, and makes it available in EMIKO.

DATA FLOW

1. METERS & SENSORS

Meters, sensors and field devices collect consumption and site data.

3. EMIKO

Information is organised for monitoring and operational follow up.

2. EnergyLogger & DataGuard

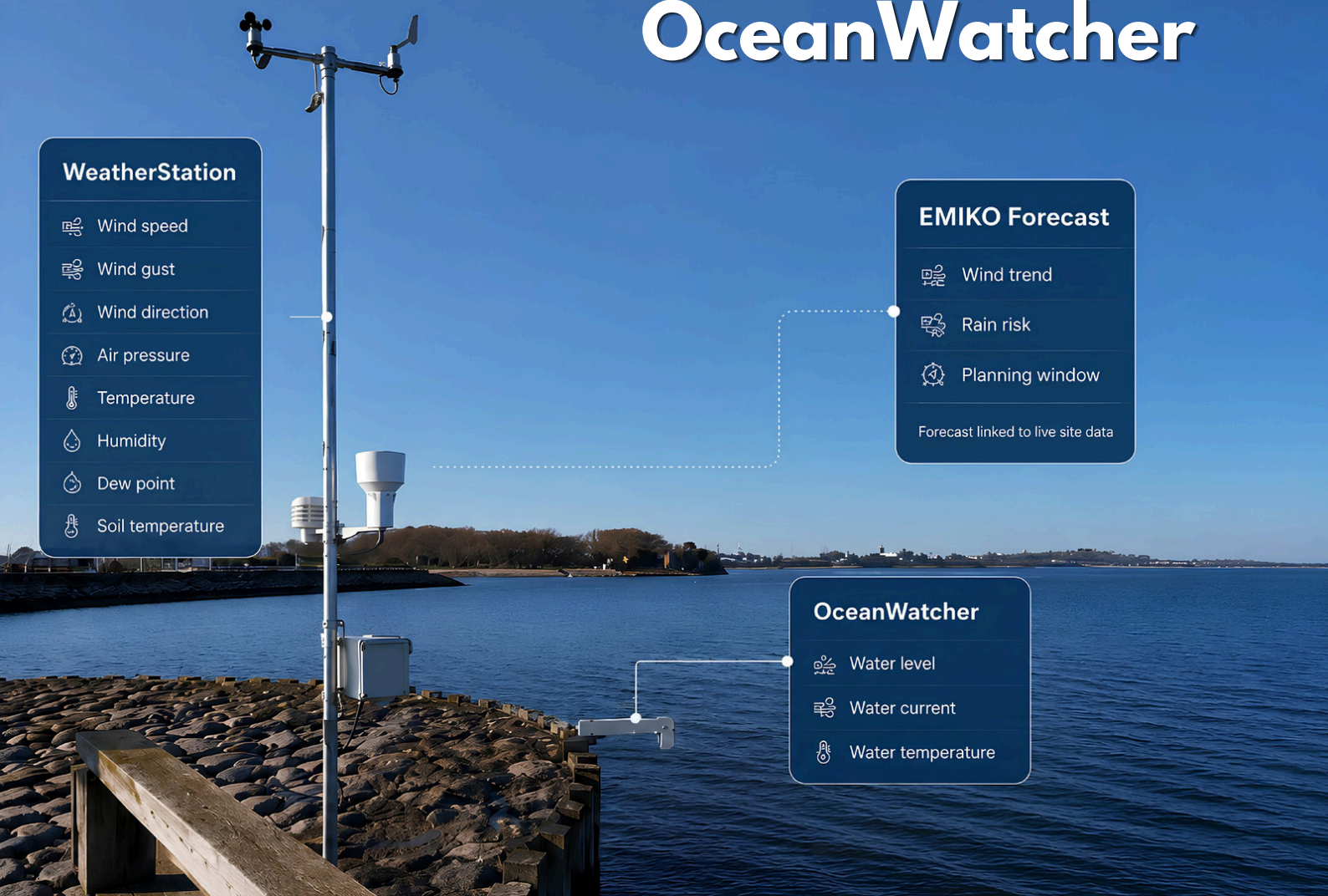
Data is collected and made available to EMIKO.

4. OPERATOR OVERVIEW

Operators get a clear view of consumption, sensors and equipment status.

WeatherStation

OceanWatcher



WeatherStation

-  Wind speed
-  Wind gust
-  Wind direction
-  Air pressure
-  Temperature
-  Humidity
-  Dew point
-  Soil temperature

EMIKO Forecast

-  Wind trend
 -  Rain risk
 -  Planning window
- Forecast linked to live site data

OceanWatcher

-  Water level
-  Water current
-  Water temperature

_Safety & Risk Control

Follow changing weather and water conditions before they affect people, equipment or access.

_Forecast, Tasks & Resource Planning

Plan work, maintenance, irrigation, docking or site activity around measured conditions and forecast changes.

_Remote Data & Documentation

Use live readings, alarms and historical data in EMIKO for reporting, compliance support and long-term planning.

03. ACCESS & ACTIVATION

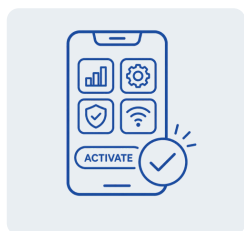
Controlled user access, gate handling, service activation and system-to-system exchange are part of the connected **EMIKO ecosystem**.

From service point activation to gate access and structured communication between systems, these solutions help operators manage access, permissions and operational flow.



QR to App Activation

Users scan a QR code at the service point, open the mobile app and start the selected service directly.



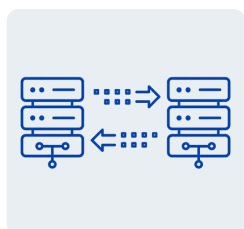
Mobile App Activation

The mobile app gives users access to available services and allows them to activate, manage and follow their usage.



GateKeeper

GateKeeper enables remote controlled access to gates, doors and restricted areas, while keeping access activity connected to EMIKO.



Gate2Gate

Gate2Gate can be used for structured data exchange and data mirroring between external systems and EMIKO platform.

CONTROL ACCESS.
CONNECT SYSTEMS.

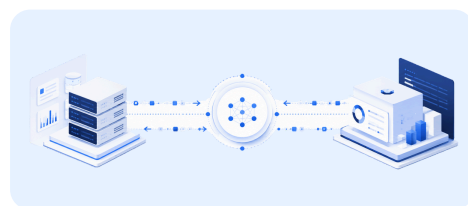
Smart Access Control with GateKeeper

GateKeeper connects gates, doors and barriers to EMIKO, turning physical access points into controlled and traceable entry points. Every access event can be managed, logged and followed from one operational platform.

- ✓ Connects gates, doors and barriers
- ✓ Works with new or existing access setups
- ✓ Sends access events into EMIKO
- ✓ Built for controlled entry points



System Gateway with Gate2Gate

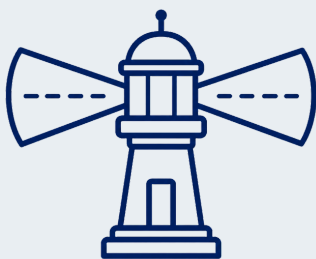


Gate2Gate connects external systems with EMIKO through structured data exchange and data mirroring, so information can move between platforms in one connected workflow.

- | | |
|--|---|
| ✓ System communication gateway | ✓ Transfers structured operational data |
| ✓ Connects external platforms with EMIKO | ✓ Built for system to system exchange |

04. LIGHTING & NAVIGATION

Connected lighting and navigation hardware for harbors, coastal infrastructure and operational sites.



Sector Lights

Precise light sectors for harbors, fairways, approach routes and areas where vessels need clear visual guidance.

- Defined light sectors
- Long range visibility
- Sector and PEL options



Lanterns & Beacons

Marine lanterns and beacon solutions for navigation marking, harbor entrances, coastal areas and marine safety installations.

- Low power consumption
- Built for marine exposure
- Solar powered options



Leading Lights

Full range of leading lights for alignment, approach guidance and safe navigation in defined marine routes.

- Front and rear alignment
- Clear approach guidance
- Reliable route marking

MarineGuard

Complete AtoN Solution

MarineGuard represents the full solution for lighthouses, lanterns, port entry, sector, and range lights, offering complete and customizable options.

MarineGuard Components

Lanterns and Beacons

- 100+ Options Lanterns and Beacons
- Built for extreme marine conditions
- Low power consumption
- Up to 30 NM range

PowerGuard

- Internal battery support
- Power outage alerts
- Off-grid operation
- Backup operation during failures
- UPS and power supervision

Battery Backup

- Supports 24/7 operation
- Grid or standalone setup
- Designed for remote sites
- Minimum 24h backup availability

Masts

- Height from 2m to 40m
- Modular construction
- Available in any color
- Easy to maintain



Smart Lighting Management with OnSiteLight

OnSiteLight connects outdoor lighting to EMIKO, allowing piers, paths, work zones and access areas to be controlled and monitored as part of daily port operation. Lighting status remains visible where safe access and reliable visibility matter most.

- ✓ Controls outdoor lighting
- ✓ Supports pier and path illumination
- ✓ Monitors lighting status
- ✓ Built for exposed site conditions



AtoN Supervision with NaviGuard



NaviGuard connects lanterns and AtoN equipment to EMIKO, making power status, battery condition, GPS position and field signals visible for clearer supervision of navigation aid installations.

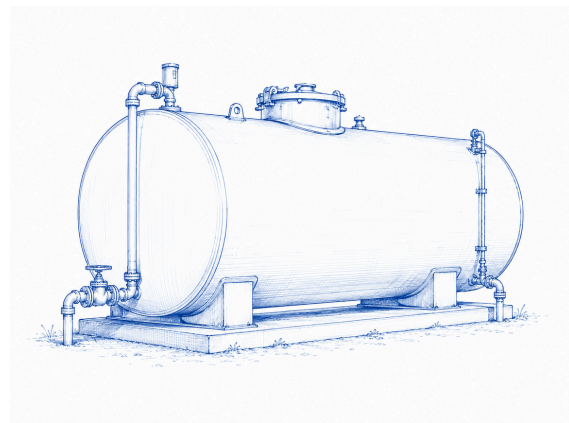
- ✓ Supervises AtoN equipment
- ✓ Supports lantern installations
- ✓ Follows battery and power status
- ✓ Tracks GPS position and field signals

05. PUMPS & FIELD EQUIPMENT

Pumps, tanks and field equipment often operate across sites where access is limited and conditions can change quickly.

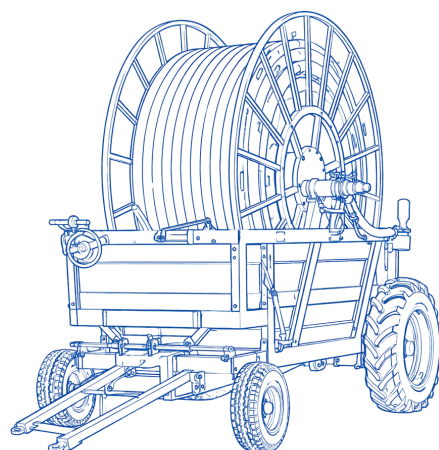
Every start, stop, level change and equipment signal affects how daily processes are managed.

With remote control, alarms and live status data, operators can follow critical equipment and react before small issues become operational problems.



_ IRRIGATION & FIELD PUMPING

Remote control and monitoring for pumps used in fields, irrigation systems and water movement.



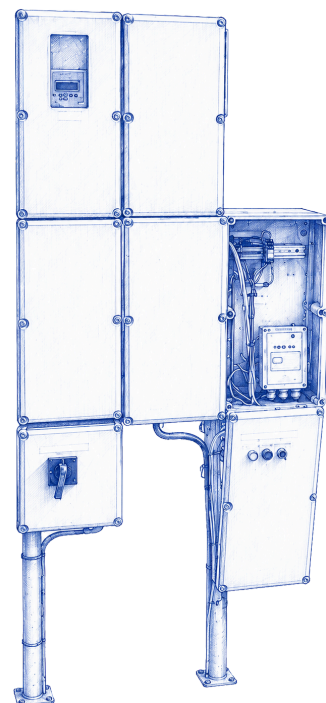
_ LIQUID & TANK MANAGEMENT

Follow tank levels, pump activity and abnormal situations in reservoirs, tanks and distribution systems.

_ SLURRY & BIOGAS OPERATION

Control stirring, pumping, timing and alarms in slurry tanks, manure systems and biogas environments.

**KEEP FIELD EQUIPMENT ACTIVE,
VISIBLE AND UNDER CONTROL.**



FlexVander LX

Remote Irrigation Pump

FlexVander connects field irrigation pumps to EMIKO, bringing remote start and stop, live pump status, alarms and location overview into one operational view. Energy meters, weather data and sensors can be added when more field insight is needed.

- ✓ Live pump status and remote control
- ✓ Alarms for faults and power failure
- ✓ Map view of field installations
- ✓ User and company access management



BioWatch

Slurry Tank Control



BioWatch is built for slurry tanks, manure stirrers and slurry pump operation, helping manage stirring schedules, tank levels and alarms for leakage, overfilling, empty tanks and power failure.

- ✓ Remote slurry tank control
- ✓ Level sensors with alerts
- ✓ Timer based stirring schedules
- ✓ Manual or automatic operation

FlexGylle

Slurry Tank Monitoring

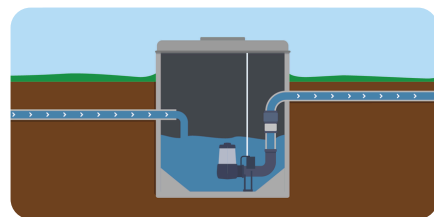
FlexGylle is built for slurry tank monitoring, with level tracking, volume data and alarms for leakage, overfilling, spillage and power failure. It can monitor up to two tanks and can be used in remote areas with solar power.

- ✓ Slurry level and volume tracking
- ✓ Alarms for leakage and overfilling
- ✓ Monitoring for up to two tanks
- ✓ Solar powered remote operation



EasyPump

Liquid Management



EasyPump is used for liquid reservoirs, water tanks and distribution systems where pump activity, level changes and abnormal situations need reliable follow up.

- ✓ Tank level and pump monitoring
- ✓ Remote control of liquid systems
- ✓ Leak and anomaly detection
- ✓ For reservoirs and distribution systems

06. POWER, SECURITY & DATA SERVICES

Backup continuity, UPS supervision, cabinet monitoring and alarm handling for exposed field installations.

For remote and unmanned installations, power reserve, enclosure access, fault inputs and alarm states are part of daily supervision.

EMIKO keeps these critical signals connected, recorded and ready for follow up across exposed, restricted or hard to reach installations.



_ **BACKUP POWER**

Support connected installations during power loss, unstable grid conditions or remote operation where reliable uptime is essential.

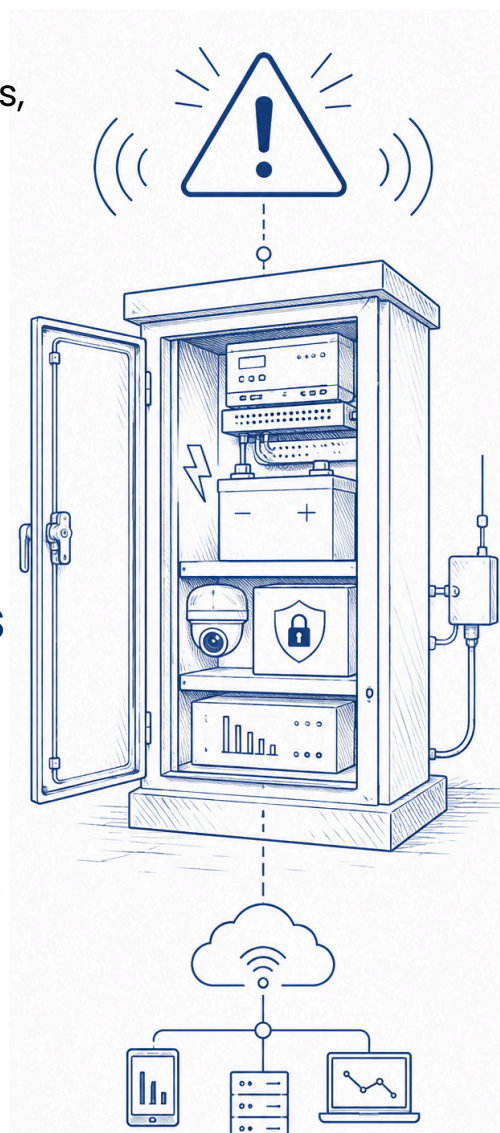
_ **SECURITY MONITORING**

Follow cabinet access, tamper events and field signals from equipment placed in exposed, restricted or unmanned areas.

_ **ALARM MANAGEMENT & DATA SERVICES**

Collect important status changes, warnings and operational signals so abnormal situations can be detected, documented and followed up.

**EVERY CRITICAL SIGNAL.
ALWAYS IN VIEW.**



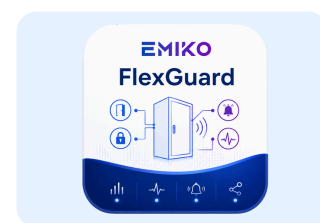
PowerGuard - Backup and UPS Supervision

PowerGuard keeps backup power, battery condition and UPS events connected to EMIKO. Outages, unstable supply and low battery states are recorded and ready for follow up before connected equipment is affected.

- ✓ Backup power for critical equipment
- ✓ UPS and battery status monitoring
- ✓ Alerts for power failure and unstable supply
- ✓ Supports remote and exposed installations



FlexGuard Signal Monitoring



FlexGuard connects cabinet access, security signals and alarm inputs to EMIKO. Tamper events, access changes and abnormal signals are recorded as part of the installation history, so critical field activity remains visible when attention is needed.

- ✓ Cabinet access and tamper alerts
- ✓ Status changes logged in EMIKO
- ✓ Field signal and alarm monitoring
- ✓ Built for restricted or exposed areas

07. MODULES & API SERVICES

Digital services that make EMIKO data easier to use, share and connect across daily operations.

Modules and API services extend EMIKO beyond device control, supporting warnings, forecasts, public data sharing, water level export and external system integration.



_ EMIKO WARNING

Send important alerts when selected values, status changes or abnormal events require attention.

_ EMIKO FORECAST

Use forecast information to support planning around weather, water level and operational conditions.

_ OECONOMIA API

Connect EMIKO data with business, billing or ERP systems through structured API exchange.

_ EMIKO EASYSHARE

Share selected live data with websites, public displays, documentation tools or external stakeholders.

EMIKO DATA.

READY TO SHARE, EXPORT AND CONNECT.

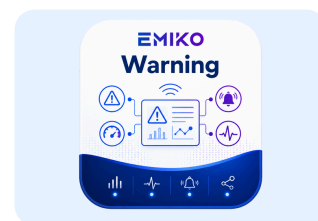
EMIKO Forecast

EMIKO Forecast adds forecast based insight to daily operation, bringing weather and condition planning closer to the equipment, site and task. Wind, rain and changing local conditions can be followed as part of operational preparation before they affect access, maintenance or field activity.

- ✓ Forecast based operational planning
- ✓ Weather conditions linked to daily tasks
- ✓ Better timing for maintenance and access
- ✓ Supports earlier response to changing conditions



EMIKO Warning Operational Alerts



EMIKO Warning connects selected values, status changes and alarm conditions to EMIKO, so important events can be flagged as soon as attention is needed. Threshold breaches, abnormal readings and operational deviations are registered and ready for follow up.

- ✓ Alerts for selected values and events
- ✓ Abnormal conditions registered in EMIKO
- ✓ Threshold based warning rules
- ✓ Supports faster operational response

Oeconomia API

Oeconomia API connects EMIKO with external business, billing and ERP systems through structured data exchange. Consumption, access, service activity and operational data can move between platforms without manual transfer or repeated handling.

- ✓ API connection with external systems
- ✓ Supports billing and ERP workflows
- ✓ Structured data exchange from EMIKO
- ✓ Reduces manual data handling



EMIKO EasyShare & Data Export



EMIKO EasyShare makes selected live data available outside the EMIKO platform, for websites, public displays, customer views or external stakeholders. Shared data stays controlled, relevant and ready to present where it creates value.

- | | |
|---|---|
| ✓ Share selected live readings | ✓ Publish data to websites or displays |
| ✓ Useful for customers and stakeholders | ✓ Controlled access to public information |

Complete Solutions in One Place

Complete

Turn-Key Solutions

We provide a complete solution set up to fit your business and ready to deliver results from the start.



Process

We Handle All the Process

We take care of everything from start to finish. You don't have to coordinate or manage anything yourself.



All Products in One Place

No More Searching for Different Suppliers

You don't need to search in different places for products, equipment, or management tools, and you don't need to deal with multiple suppliers.

We work with certified global brands and over 25 trusted partnerships, bringing everything together in one place.



Future-Proof

Next Gen Software Technology

We use the latest technology for long-lasting performance, security, and constant upgrades.

Cost-Saving & Durability

Solutions Built to Last Save Money for Decades

Our products are made to last for decades. By investing once, you avoid constant replacements and save money year after year.



Get In Touch

Let's Talk Solutions Direct Contact, Real Answers

No forms, no delays. Call us and talk to our team.

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EMIKO HARDWARE

**CONNECTED INFRASTRUCTURE
FOR MODERN OPERATIONS**

Join the EMIKO ecosystem

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