

alfa3

alfaBOX

Modular infrastructure for last-mile delivery

ALFA3.EU

OUR VISION

Building infrastructure for modern logistics

We design and build modular parcel locker systems connecting carriers, businesses, and communities. Combining durable engineering, smart technology, and sustainable practices, we create delivery solutions designed to last.



Made in Europe.
Designed for a long service life.



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WHAT DEFINES US

Built around three principles



MODULAR

Scalable infrastructure that grows with your business and adapts to different locations, operating models and future requirements.

RELIABLE

Robust construction, long service life and industrial-grade components designed for continuous operation, day in, day out.

SUSTAINABLE

Efficient energy use, support for solar power and a responsible approach to design, manufacturing and operation.

Four solutions, one system

Prime, Flex, Lite and Drop share one technology platform. Choose the right solution for each location — use case, power availability, required features — and manage the whole network in one system.



PRIME

High-performance on-grid locker with the widest range of features.

FLEX

Autonomous locker combining advanced features with efficient energy management.

LITE

Essential features without compromising usability or system capacity.

DROP

Automated parcel drop-off and returns built on a proven platform.

ONE PLATFORM

Shared software and API across the entire product range.

SECURE & RELIABLE

Secure data handling, remote management and reliable operation.

REAL-TIME INSIGHTS

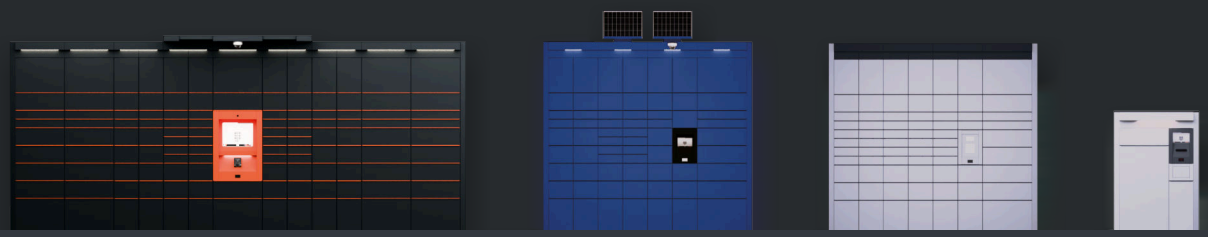
Instant visibility into the status, usage and performance of your network.

BUILT TO LAST

Robust construction and durable components for long-term operation.

PRODUCT RANGE

Compare the key features across our model ranges
and choose the configuration that meets your requirements.



Parameter	PRIME	FLEX	LITE	DROP
Display	10–15″ touchscreen	7″ touchscreen	240×128 px	7″ touchscreen
Controls	PCAP touch	PCAP touch	Keypad + Braille	PCAP touch
Solar power	X	✓	✓ (low-power)	Optional
Mains power	✓	Optional	Optional	✓
Battery backup	✓	✓	✓	✓
Camera system	✓	Optional	Coming soon	Optional
Payment terminal	Optional	Optional	X	Optional
Accelerometer (impact & tilt)	Optional	✓	X	✓
Software (Yocto, custom apps)	✓	✓	X	✓
Connectivity	LTE Cat 4 + Ethernet	LTE Cat 1 bis	LTE Cat 1 bis	LTE Cat 1 bis
Certification (RED DA, CE, UKCA)	✓	✓	✓	✓
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Use the ALFA 3 Solar Calculator to assess whether a location is suitable for solar power.
Detailed technical documentation is available on request.

SMART INVESTMENT

Optimised total cost of ownership throughout the lifecycle.

SUSTAINABLE CHOICE

Energy-efficient operation with support for solar power.

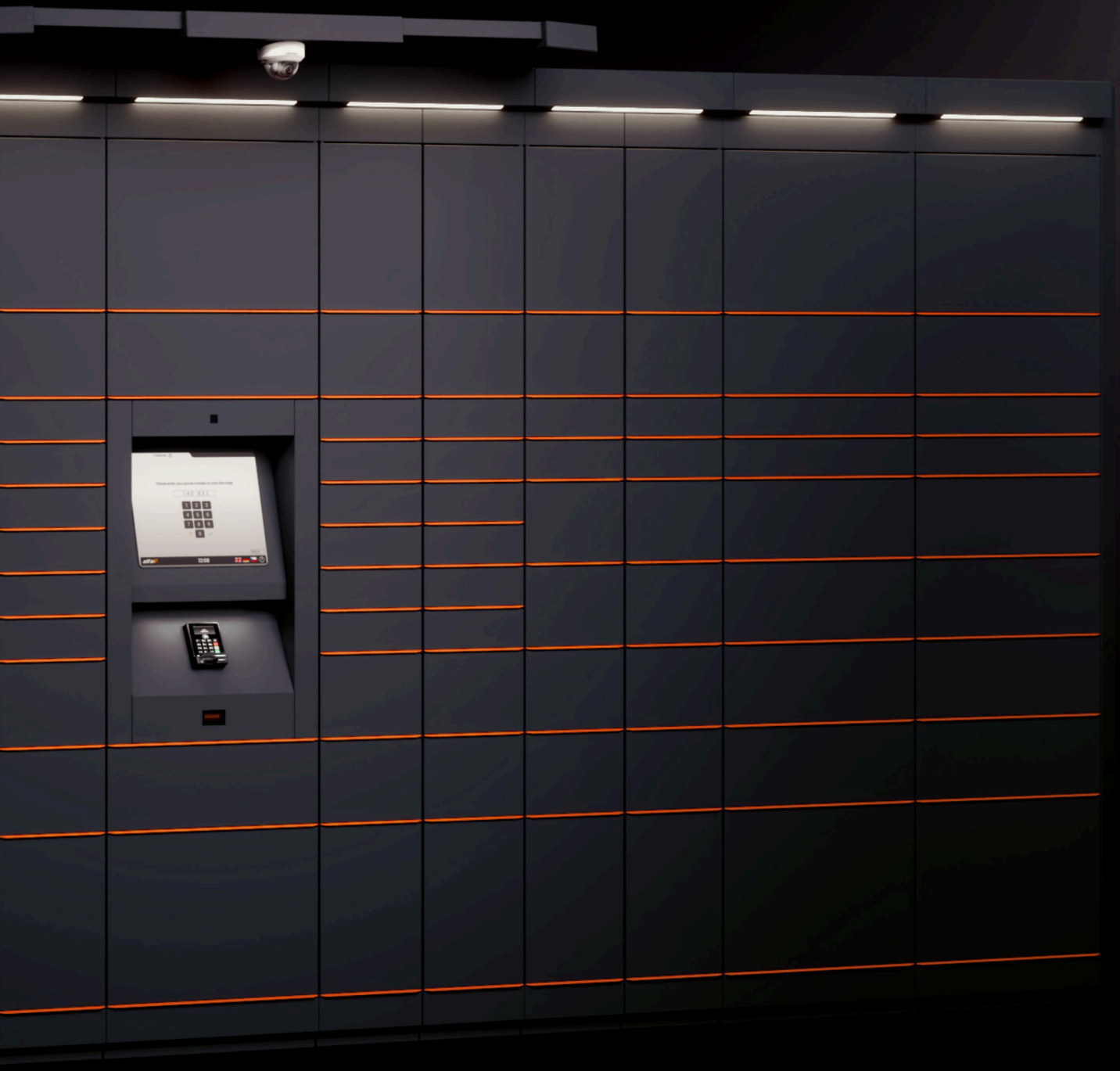
FUTURE-READY

Features and equipment that evolve with your needs.

PERFORMANCE AND FLEXIBILITY

Prime

Ideal for high-traffic locations where maximum functionality, convenience and security matter.





More than a parcel locker

With mains power, Prime supports advanced features, peripherals and customer applications without energy limitations.



Standard features

- 10–15″ touchscreen with durable protective glass
- Payment terminal, scanner and optional peripherals
- Security cameras and advanced monitoring
- Backup power and redundant connectivity
- Modular design with scalable capacity

READY TO GROW

Scalable capacity that grows with your business.

MAXIMUM FLEXIBILITY

Flexible configuration for today's needs and tomorrow's requirements.

USER CONVENIENCE

Fast, simple and intuitive for every user.

CENTRALISED CONTROL

Manage and monitor your entire network from one place.

BUILT TO EVOLVE

Upgrade and expand without replacing the entire system.

ENERGY INDEPENDENCE

Flex

Designed for locations without mains power and projects requiring fast, flexible installation.



FLEXIBLE INSTALLATION

Deploy even in locations without mains power.

FAST DEPLOYMENT

Minimal infrastructure for faster installation and commissioning.

ENERGY INDEPENDENCE

Solar power enables reliable, sustainable long-term operation.

CENTRALISED CONTROL

Monitor and manage your entire network in real time.

FLEX · ENERGY INDEPENDENCE

Flexible infrastructure for every location

Flex combines energy-independent operation, intelligent power management and advanced features for modern delivery infrastructure.





100 %
Off-grid operation

10+ years
Battery service life

-30 °C
+60 °C
Operating temperature

up to 335
Compartments per configuration

Key features

- 7″ touchscreen optimised for low power consumption
- Flexible power options: solar, mains or battery
- Scanner and optional payment terminal
- Security camera and energy-efficient lighting
- Intelligent energy management and remote monitoring

EFFICIENT INFRASTRUCTURE

Lite

Lite combines essential parcel locker functionality with low energy consumption and cost-efficient operation.



ESSENTIAL FUNCTIONALITY

Everything customers and couriers need, without complexity.

SIMPLE OPERATION

A clear, intuitive interface for fast and effortless use.

COST-EFFICIENT

Lower investment. Efficient operation.

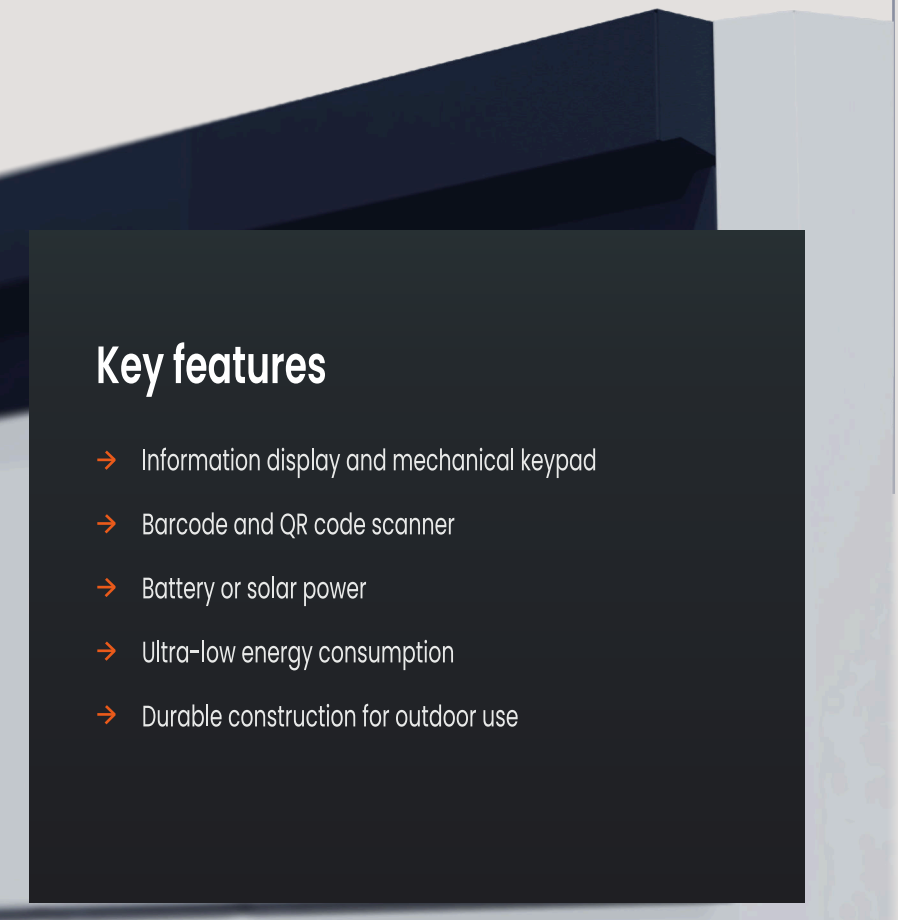
LOW ENERGY CONSUMPTION

Designed for efficient long-term battery and solar operation.

Everything you need. Nothing you don't.

Lite focuses on the essentials: reliable operation, low energy consumption and minimal maintenance, without unnecessary complexity.





Key features

- Information display and mechanical keypad
- Barcode and QR code scanner
- Battery or solar power
- Ultra-low energy consumption
- Durable construction for outdoor use

EASY DEPLOYMENT

Fast installation and straightforward commissioning.

PROVEN RELIABILITY

Reliable technology designed for everyday operation.

MINIMAL MAINTENANCE

Fewer components mean lower service requirements.

SIMPLE & FAST

Intuitive operation for both customers and couriers.

REVERSE LOGISTICS

Drop

Automated drop-off for parcels and e-commerce returns in one system.



EASY DROP-OFF

Fast and convenient parcel drop-off for customers.

EFFICIENT RETURNS

Simplified reverse logistics for customers and operators.

SELF-SERVICE OPERATION

No service counters, queues or on-site staff required.

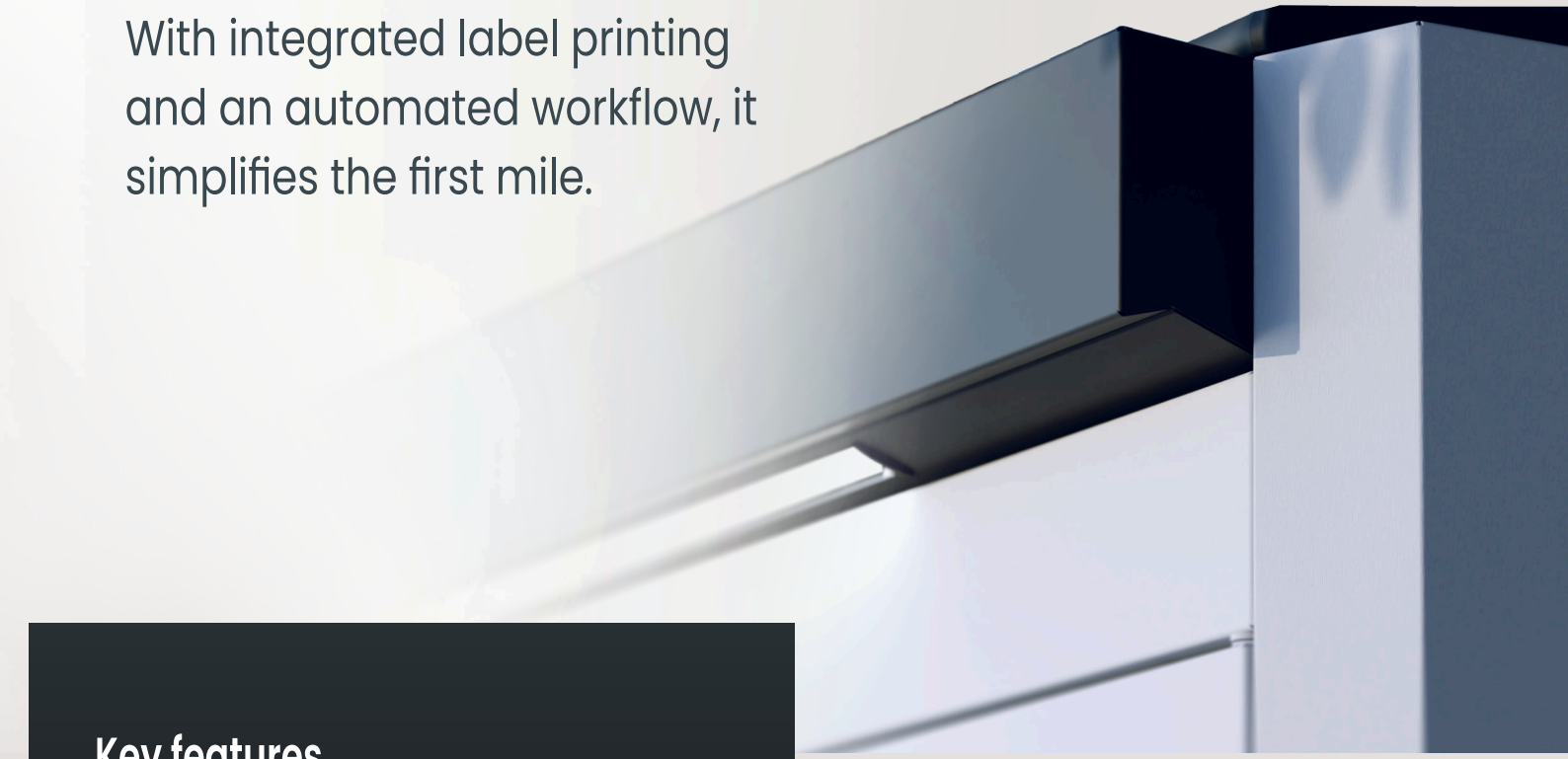
24/7 AVAILABILITY

Parcel drop-off and returns at any time.



Simpler drop-off, faster processing, greater efficiency

Drop digitalises and streamlines parcel drop-off and returns. With integrated label printing and an automated workflow, it simplifies the first mile.



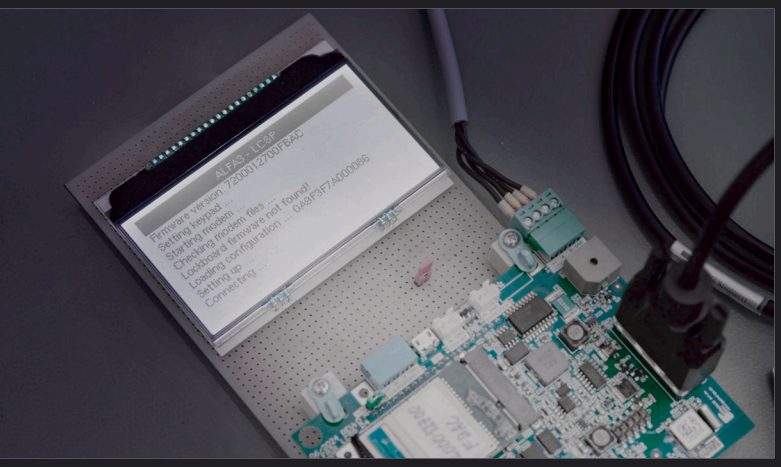
Key features

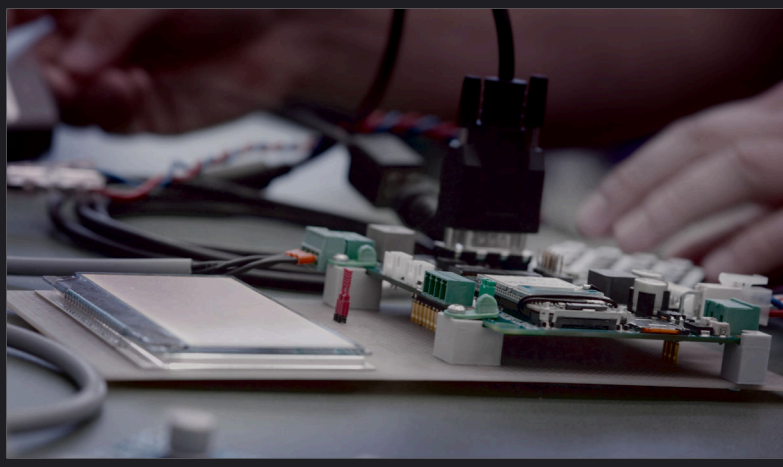
- Touchscreen with intuitive operation
- Integrated shipping label printer
- Parcel scanning and user identification
- Shared technology platform with Flex
- Remote management and real-time monitoring

FIRST-MILE AUTOMATION	From customer drop-off to the logistics network with fewer steps.
EFFICIENT COLLECTION	More parcels per pick-up. Less time spent on collection.
ONE PLATFORM	Drop-off can also be integrated into Prime and Flex.

Software designed for your entire network

One software platform for Prime, Flex, Lite and Drop simplifies management, speeds up deployment and ensures consistent operation across your entire network.





ONE SOFTWARE PLATFORM

Seamlessly connects Prime, Flex, Lite and Drop.

FLEXIBLE USE CASES

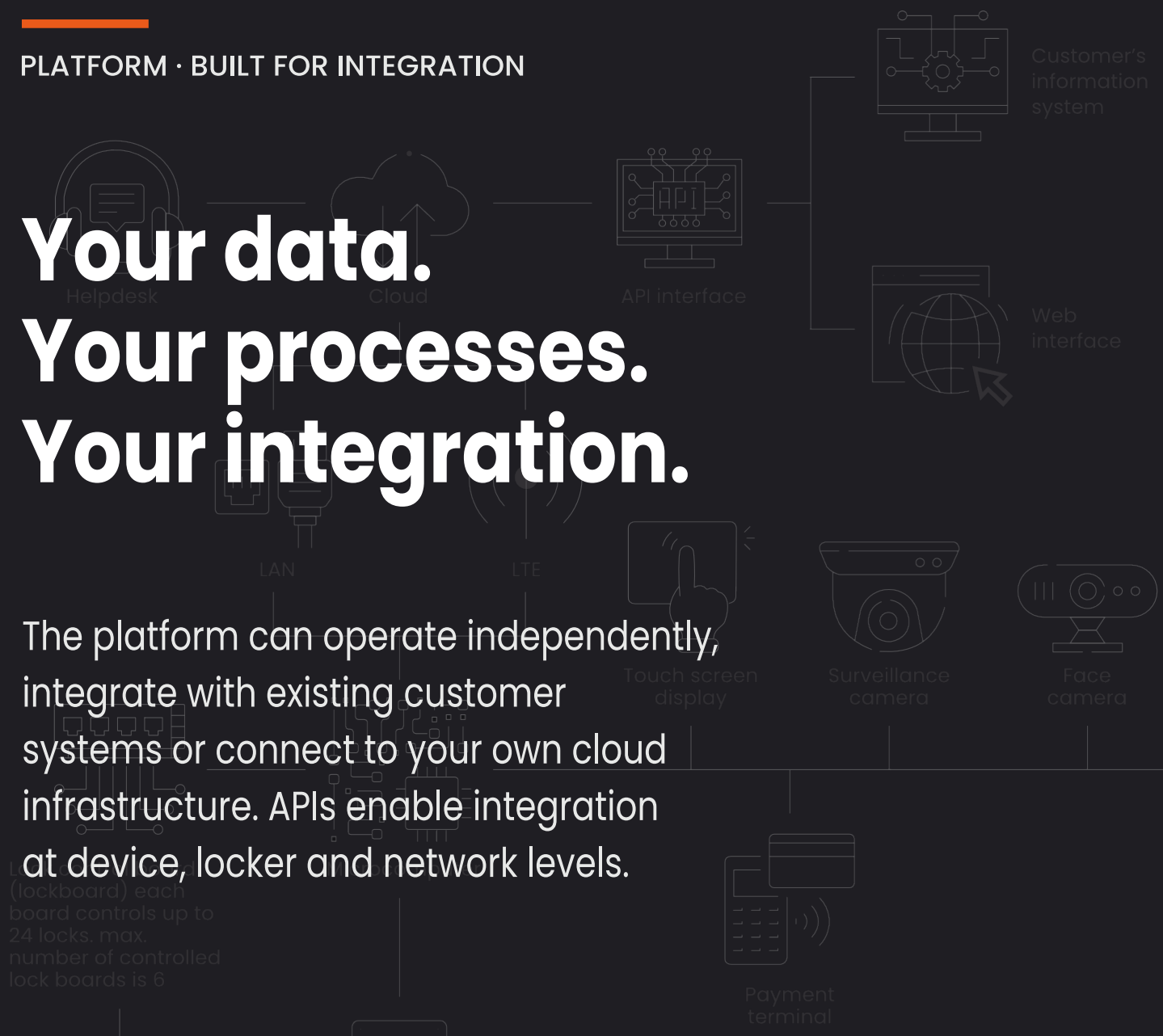
From parcel pickup and drop-off to complex logistics workflows.

ONLINE & OFFLINE

Designed for both connected and standalone operation.

SIMPLE MANAGEMENT

One unified environment for your entire locker network.



Your data. Your processes. Your integration.

The platform can operate independently, integrate with existing customer systems or connect to your own cloud infrastructure. APIs enable integration at device, locker and network levels.

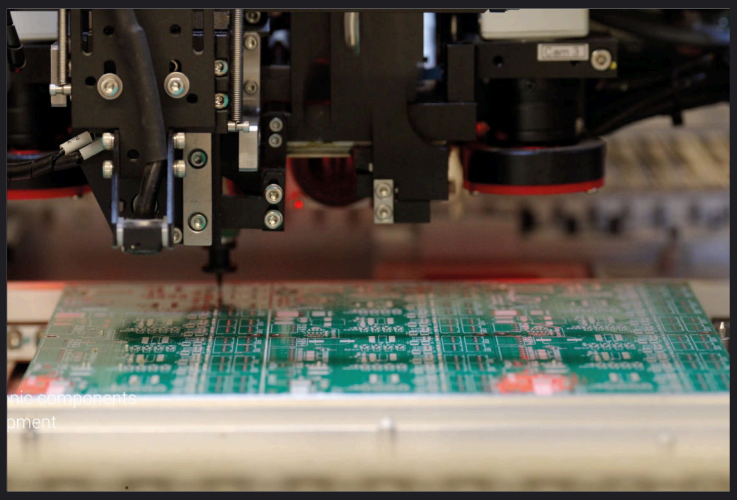
Key features

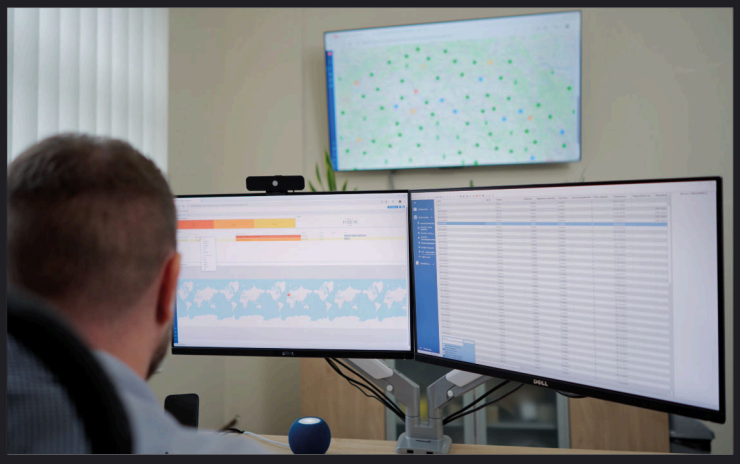
- Open APIs for integration with your systems
- ALFA 3 Cloud or your own backend
- Your own applications running on the locker
- Linux and Yocto-based platform
- Support for complex logistics workflows

FLEXIBLE INTEGRATION	Seamless integration with your existing systems and processes.
OPEN ARCHITECTURE	Built to support your own applications and services.
READY TO SCALE	From a single locker to large-scale networks.
ONE DATA LAYER	Consistent data and logic across the entire infrastructure.
FREEDOM OF CHOICE	Choose the operating model that best fits your needs.

Real-time visibility across the network

The platform continuously monitors device status, connectivity, power supply and operational events. A centralised interface provides a complete overview, enabling fast and informed responses.





REAL-TIME MONITORING

Live status of individual devices and the entire network.

REMOTE MANAGEMENT

Remote configuration, diagnostics and service from anywhere.

INSTANT ALERTS

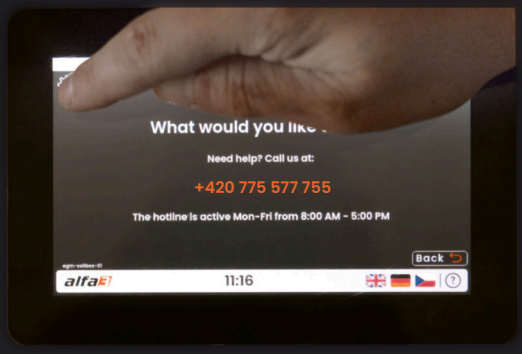
Automatic notifications of operational events and issues.

CENTRALISED OVERVIEW

One unified interface for Prime, Flex, Lite and Drop.

Solve problems before they affect operations

Continuous monitoring of operating parameters helps identify deviations early, plan maintenance and reduce the risk of unplanned downtime. Remote diagnostics enable faster troubleshooting and shorter service response times.



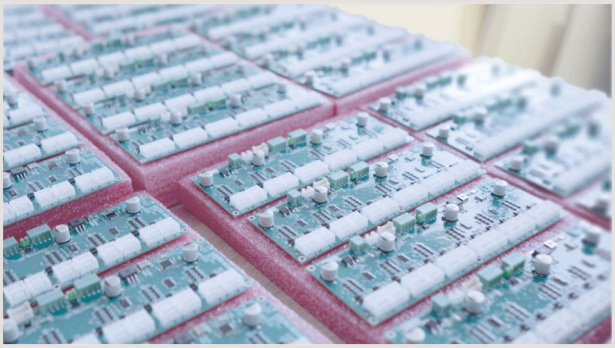
Key capabilities

- Device and operating condition monitoring
- Remote diagnostics and service support
- Event and alarm history
- Real-time connectivity monitoring
- Centralised management of the entire network

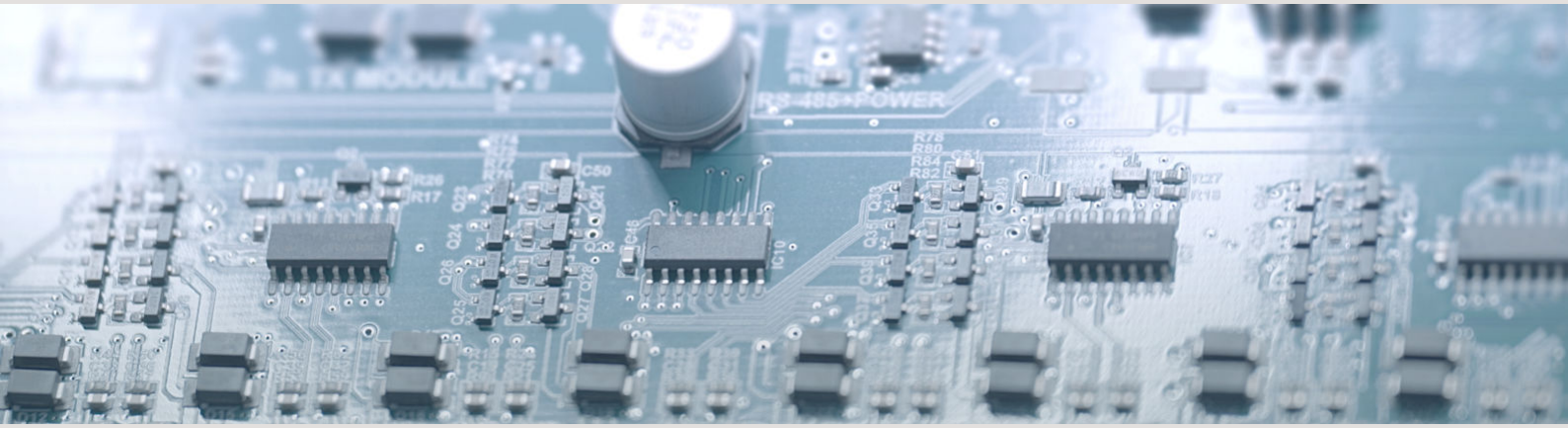
EARLY DETECTION	Identify operational deviations before they escalate.
FASTER SERVICE	Remote diagnostics speed up troubleshooting and response.
LOWER SERVICE COSTS	Fewer on-site interventions and more efficient maintenance.
BETTER AVAILABILITY	Reduce downtime and keep your network running reliably.
REMOTE SUPPORT	Resolve many operational issues without an on-site visit.

Security built into every layer





A modern parcel locker is part of the digital infrastructure. That's why we build security into every layer — hardware, software and communications — protecting data and ensuring secure, resilient operation.



SECURE COMMUNICATION

Protected data exchange between lockers, cloud and external systems.

CONTROLLED ACCESS

User access management with defined permissions and traceable activity.

REGULAR UPDATES

Ongoing development and maintenance of the software platform.

OPERATIONAL MONITORING

Continuous monitoring of infrastructure status and security.

ACCESSIBILITY

Designed for everyone



Accessibility is not an add-on. It is built into our products from the very beginning, making every interaction intuitive and independent for the widest range of users.



Key features

- Touch and alternative control options
- Tactile elements and Braille labelling
- Ergonomically designed interaction zones
- Clear and intuitive visual guidance
- Support for assistive technologies

INDEPENDENT USE	Designed for easy and independent operation without assistance.
INTUITIVE OPERATION	A clear and consistent user experience across the entire network.
ACCESSIBLE BY DESIGN	Physical and digital accessibility built into the experience.
INCLUSIVE DESIGN	Designed to meet the needs of a diverse range of users.

MADE IN EUROPE

Precision manufacturing, proven quality

We combine advanced manufacturing technologies, experienced specialists and rigorous quality control. Every product is engineered for reliable, long-term operation in demanding logistics environments.

HIGH PRECISION

Automated production ensures consistent quality.

DURABLE MATERIALS

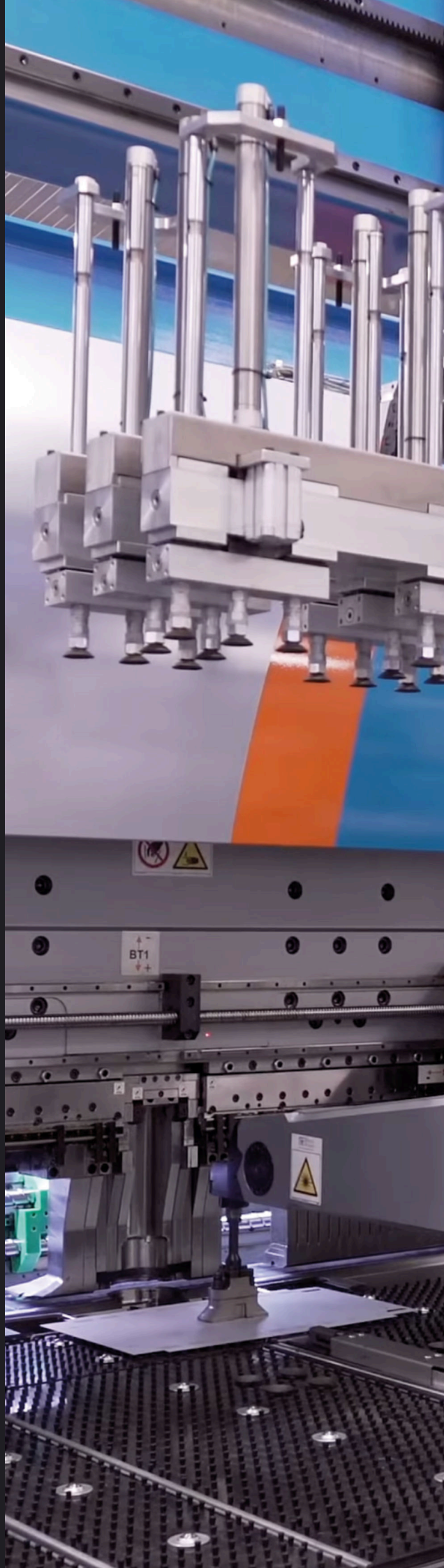
Carefully selected materials for a long service life.

QUALITY CONTROL

Every product is inspected before dispatch.

EUROPEAN MANUFACTURING

Developed and made in the Czech Republic.



Manufacturing focused on efficiency and durability

We design our products and manufacturing processes to use materials and energy efficiently, while maintaining quality and durability.







30+
Years of experience

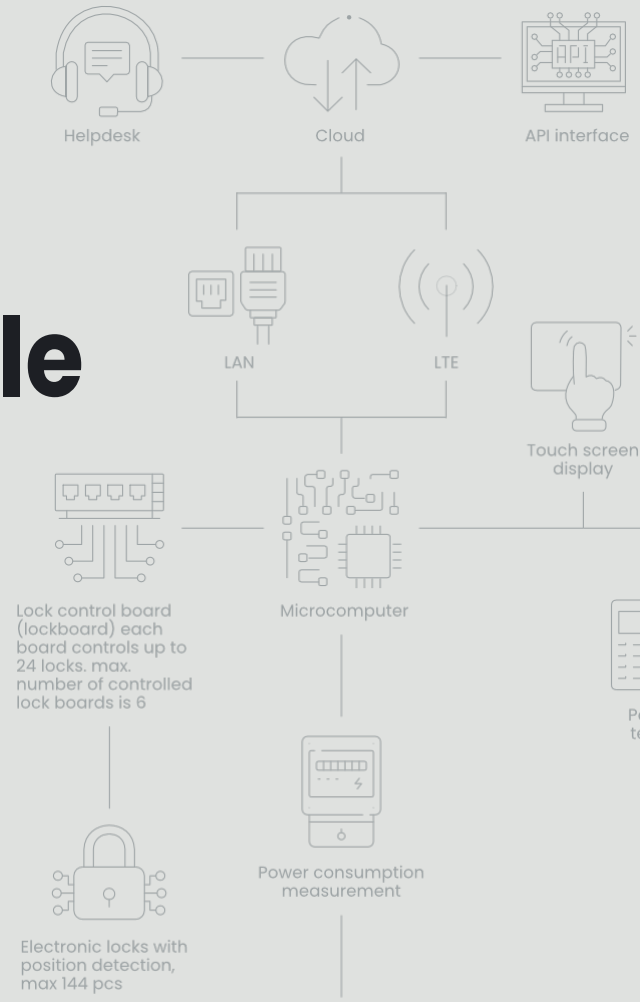
15,000+
m² of production space

500+
Projects per year

100 %
Quality control

> We don't just build products. We build infrastructure people can rely on.





One partner for the entire lifecycle

From initial concept and planning to installation, operation and future modernisation, we support our customers at every stage. With in-house development and manufacturing, alfaBOX infrastructure stays reliable throughout its lifecycle.



WE PLAN & DESIGN

Expert support with solution design, planning and configuration.

WE DEVELOP & PRODUCE

Software, electronics and manufacturing under one roof.

WE INSTALL & INTEGRATE

Complete installation and commissioning, including integration.

WE MONITOR & SERVICE

Proactive monitoring, remote diagnostics, helpdesk and support.

Built on experience.
Proven in operation.

Leading logistics and retail companies rely on our solutions for long-term reliability, flexible integration and professional support.









EUROPEAN MANUFACTURING

Development and manufacturing take place in the Czech Republic.

ONE PLATFORM

A shared technology foundation across the entire product range.

LONG-TERM PARTNERSHIP

Expert support throughout the entire solution lifecycle.

THOUSANDS OF INSTALLATIONS

Proven every day in real-world operating conditions.

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