

LOKO FRESH PARCEL LOCKER

READY TO USE
SOLUTION FOR
CLICK&COLLECT IN
FOOD-RETAIL

MODERN EXPO

A modern building with a wavy, metallic facade and a set of wide, dark steps leading up to it. The building is set against a clear sky. In the foreground, there is a paved area and a small tree without leaves. To the right, there is a white structure with a black roof, possibly a bus stop or a utility box.

The global online grocery shopping market was valued at \$419 billion in 2021 and is projected to exceed \$2160 billion by 2030, growing at a CAGR of 20% from 2022 to 2030



The most effective way to receive your online-orders is the use Click & Collect model

Click & collect means to order goods online and pick up at the store or near the store 24/7

Therefore, customers do not have to pay for delivery, wait a long time until your things are delivered, and dealing with home delivery issues

A modern building facade with a glass and metal design. The building features a series of vertical, wavy metal panels that create a dynamic, sculptural effect. The glass reflects the sky and surrounding environment. In the foreground, there are concrete steps leading up to the building. The overall scene is captured in a slightly dim, atmospheric light, possibly during dusk or dawn.

Loko FRESH is a unique development of Modern Expo and an excellent instrument for improving brands' omnichannel communication with their clients

Ready to use solution for food-retail

FEATURES

- **Temperature class**

Cooling
Freezing
Ambient

- **Eco-friendly refrigerant**

Propane R290

- **Quality**

Temperature compliance and energy consumption tested in laboratory according to the ISO23953

- **Flexible design**

Can be installed in one line with Loko Logis

- **In-house developed software**

Open API
Elastic online store
Control dashboard
Picker's app
Client's app



TESTING LABORATORY

A man in a blue and white plaid shirt is working on a large piece of equipment in a laboratory setting. He is looking up and to the right, focused on his task. The background shows a large, industrial-looking structure, possibly a climate chamber, with various pipes and components. The overall scene is dimly lit, with the man's face and the equipment he is working on being the primary focus.

Each configuration of Loko FRESH is tested in climate chambers in accordance with international standards

Modern-Expo testing laboratory is certified according to the ISO/IEC 17025:2017

Guarantee of the declared technical characteristics of the equipment

EXISTING COLUMNS OF FRESH

Cooling column

M1 (-1...+5°C), M2 (-1...+7°C)

Freezing column

L1 (-15...-18°C), L2 (-12...-18°C)

Ambient column

Main cooling column

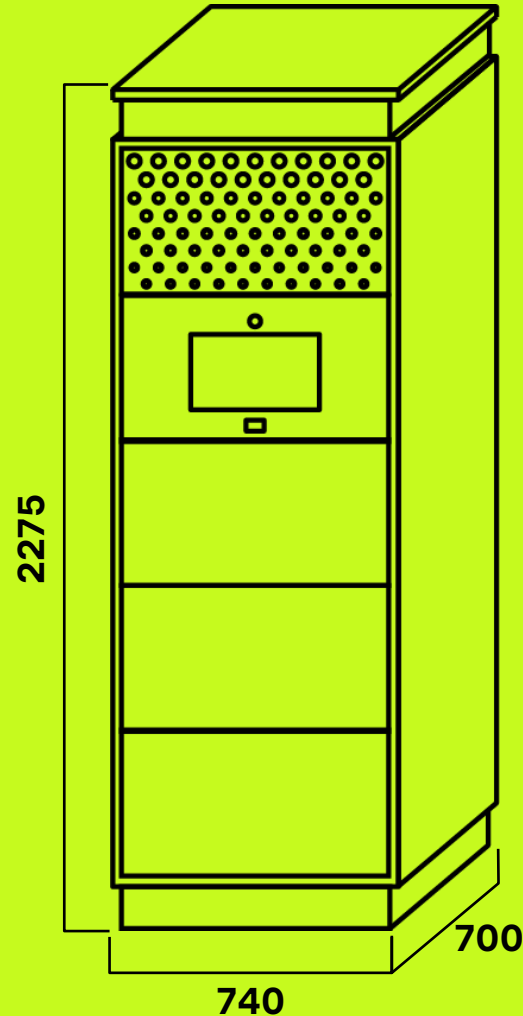
M1 (-1...+5°C), M2 (-1...+7°C)

Main ambient column

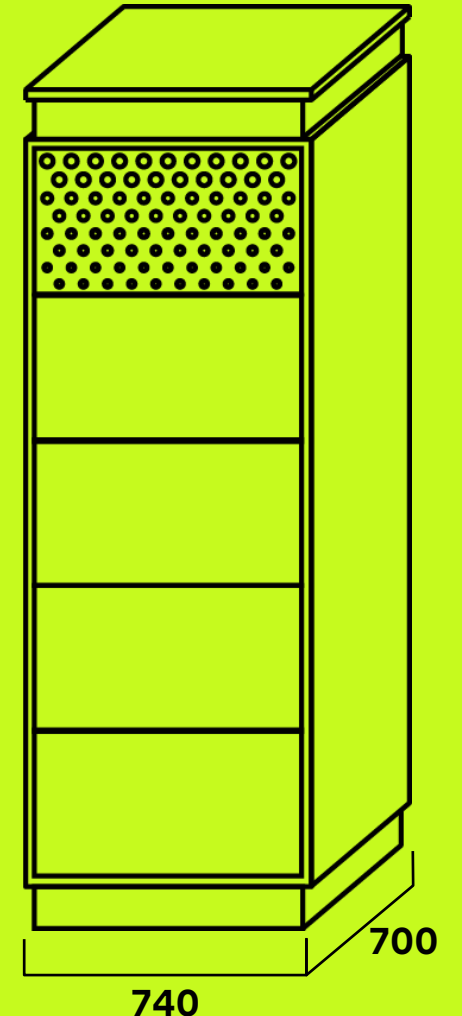
INNER DIMENSIONS OF THE CELLS

Height	Width	Depth
330 mm	460 mm	550 mm

Main cooling/
ambient column



Cooling/freezing/
ambient column



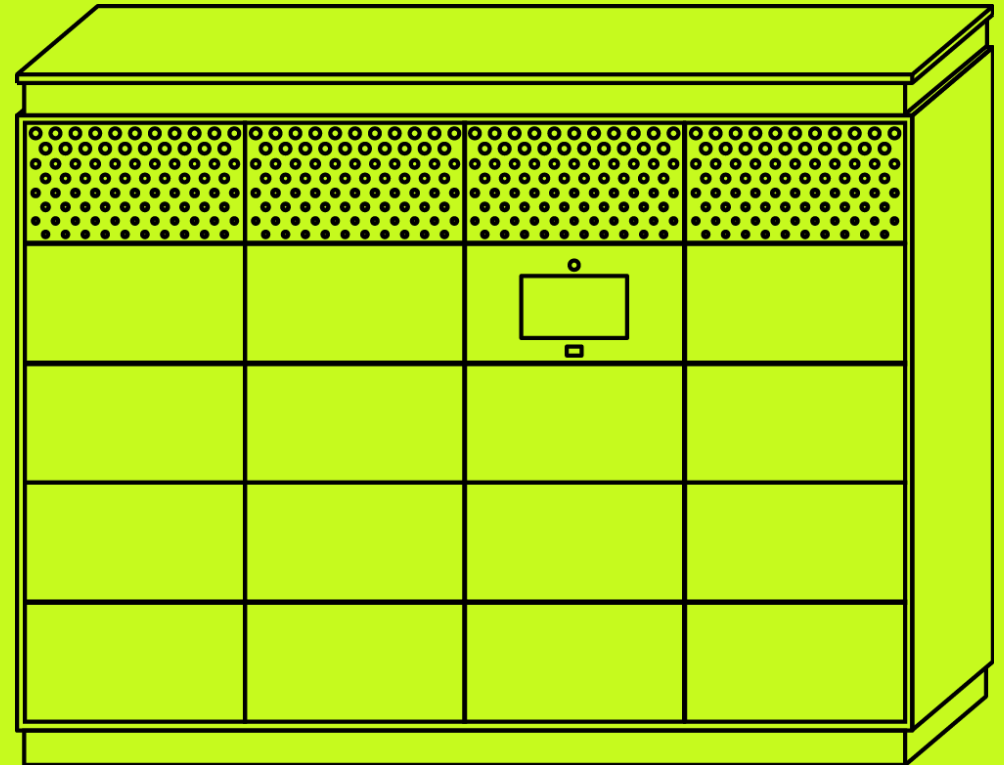
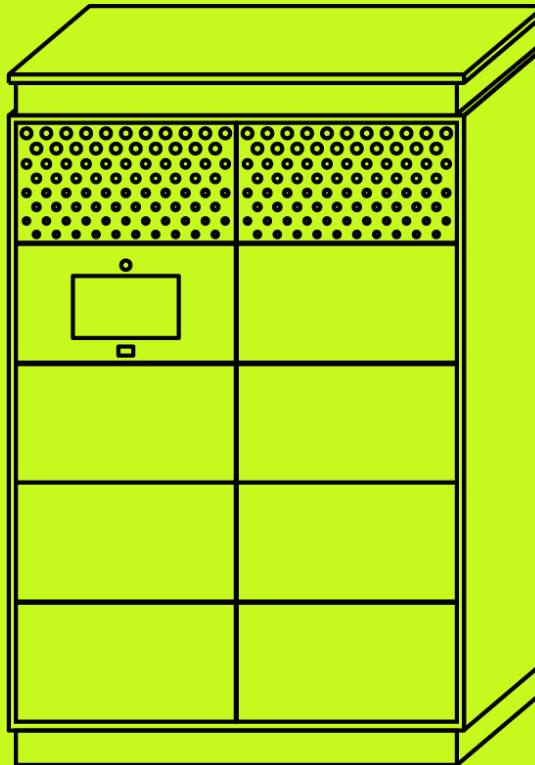
MAIN COLUMN SPECIFICATION

- **Industrial PC**
- **Monitor**
15.6"
- **Scanner**
- **Face Camera**
- **Emergency opening**
Main cell is equipped with intrusion sensor
Columns can be emergency opened without electricity
- **Audiosystem assistant & Alarm**
Can work as alert signal or guidance for blind people
- **Monitoring system (optional)**
2 Security cameras
NVR+HDD4TB,5900rpm,64MB,3.5,SATAIII
- **Wi-fi Router (optional)**
- **UPS (optional)**
Up to 120 min of autonomous work
- **Payment system (optional)**
Based on individual project requirements
- **Receipt printer (optional)**



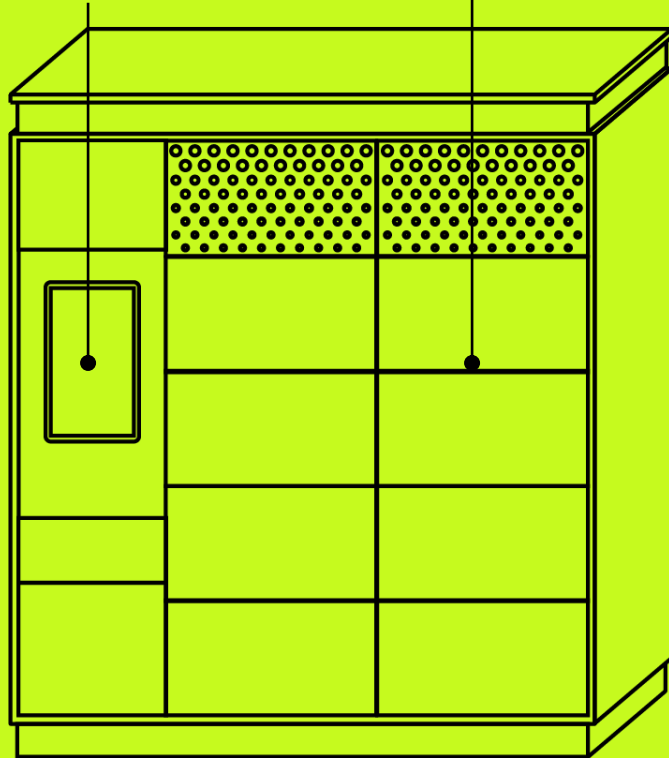
CREATE YOUR OWN LOKO FRESH

- **Main column** (cooling or ambient) – 1 piece for each parcel locker (can operate up to 20 columns)
- **Cooling column** – quantity according to the request
- **Freezing column** – quantity according to the request
- **Ambient column** – quantity according to the request



FLEXIBLE DESIGN ALLOWS TO COMBINE LOKO FRESH AND LOKO LOGIS IN ONE LINE

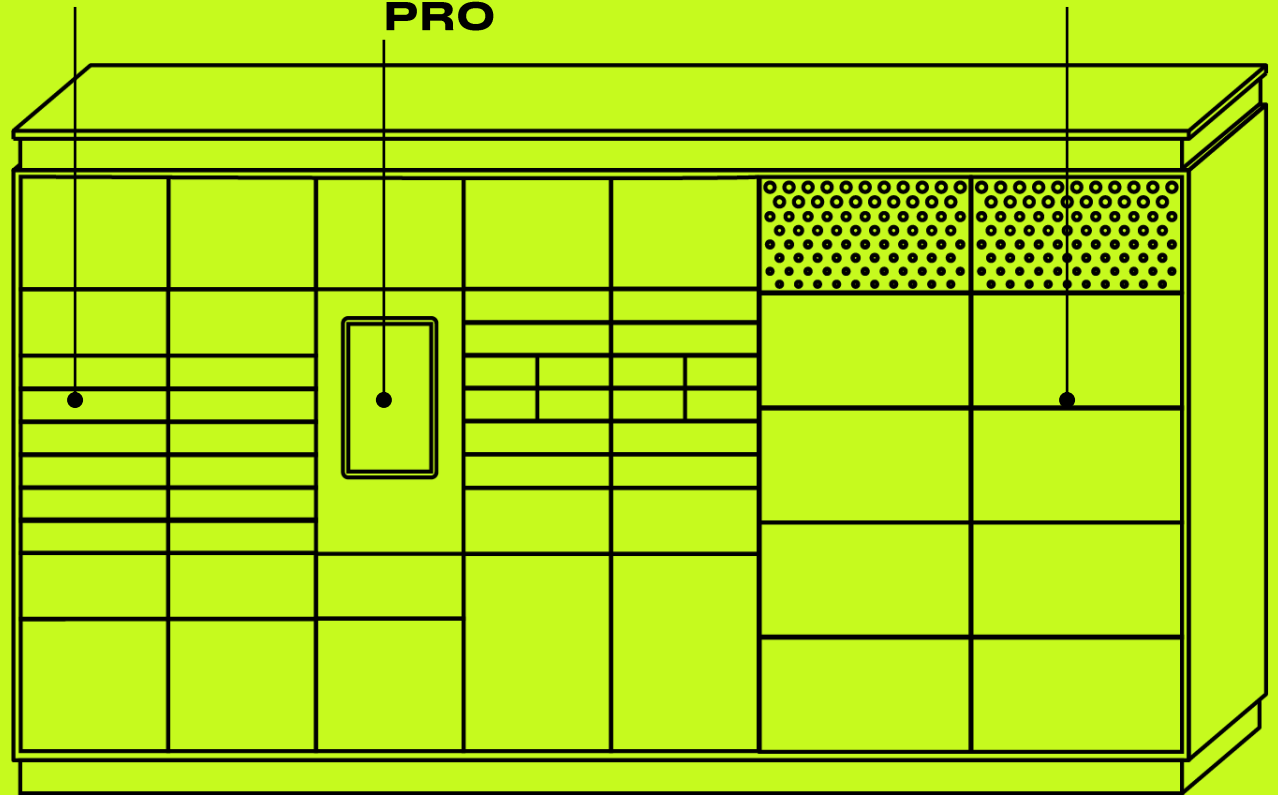
Loko LOGIS
terminal
standard



Loko
LOGIS

Loko LOGIS
terminal
PRO

Loko
FRESH



TECHNICAL SPECIFICATION

Column dimensions (mm)

Height: 2050

Width: 700

Depth: 700

Cell dimensions (mm)

Height: 330

Width: 460

Depth: 500

Temperature class

Ambient

M1 (-1...+5°C)

M2 (-1...+7°C)

L1 (-15...-18°C)

L2 (-12...-18°C)

Power supply

220V

Operating temperature

7 class (+35°C, 70% R.H)

Refrigerant

R290

Body

Galvanized steel

**Water-based thermal
insulation foam**

Noise level

<50 DB

Standard color

RAL 9003

RAL 9005

Software

Open API

Service app

Client app

Picker app

Elastic online store

SOFTWARE

ELASTIC ONLINE STORE

To start selling online, a retailer needs to have an online store

Modern Expo provides an **out-of-box elastic online store**, where it's easy to add products, adapt UI according to retailers' brand book, order to the Modern Expo parcel locker, and leave product reviews

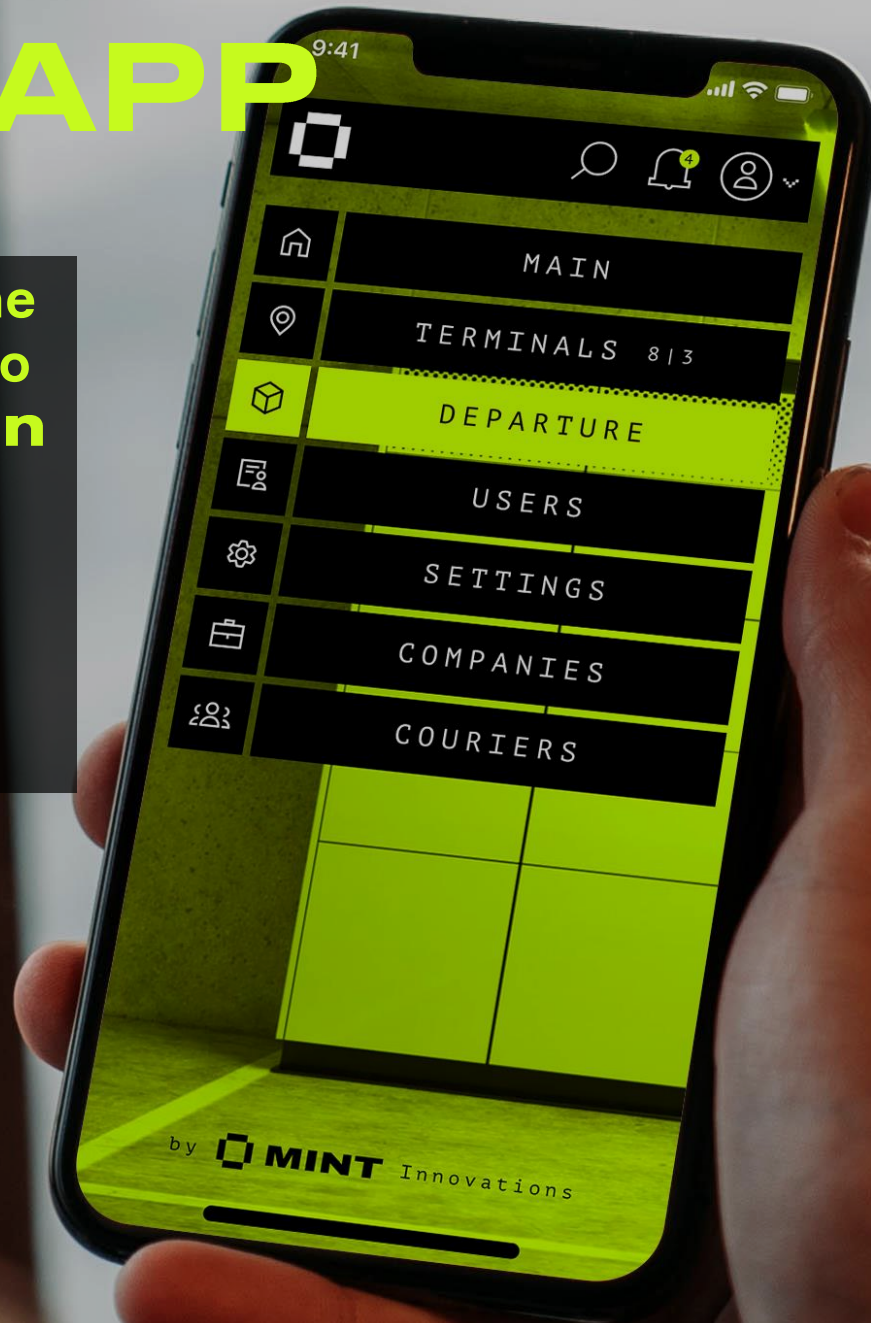
The website also includes a control dashboard for managing online orders and returns



PICKERS' APP

When the client completes the order, it automatically goes to the picker's application

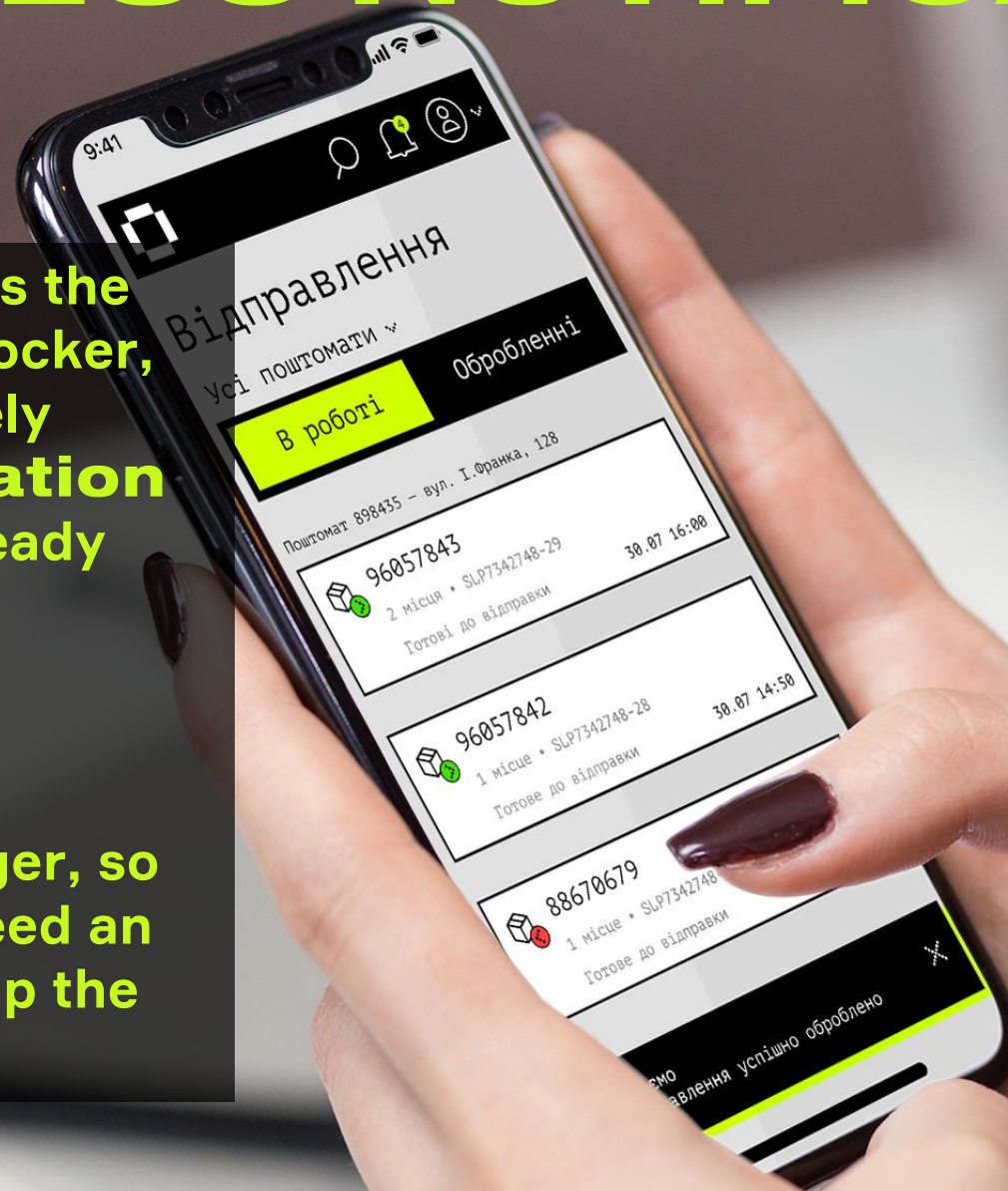
Picker can find all the information about the order, product list, parcel lockers, etc. in this app



SEAMLESS NOTIFICATIONS

When the picker puts the order in the parcel locker, the client immediately receives a **notification** that the order is already done

Modern Expo sends notifications to any convenient messenger, so the client doesn't need an application to pick up the order



CONVENIENT CONTROL DASHBOARD



Control dashboard collects all processes in one place:

- **Statistics** of online orders
- Information about **free and busy cells**
- **Map** of the parcel lockers.
- Possibility to control all parcel lockers **remotely**
- Online store sales **analytics**

FLEXIBLE SDK

Our SDK is a vendor-independent solution for using various hardware components in APM. We Create the perfect Interaction **between APM Software and Hardware** to speed up and ease the integration process

INTEGRATION OPTIONS



FULL SERVICE PACK

Elastic online store
Convenient dashboard
Locker interface
Courier app
Client app
Service app
Support

1



TAILORED SOLUTION

Backend to backend: parcel lockers management software from Modern Expo integrated with retailer's ERP/CRM
Etc

2

BENEFITS FROM WORKING WITH MODERN EXPO

- **Complex solution from one hands**
- **Modularity of hardware and software**
- **Big competence in refrigeration equipment**
- **Temperature compliance and energy consumption tested in laboratory according to the ISO23953**
- **Eco-friendly refrigerant R290**
- **Possible to combine Loko FRESH and Loko LOGIS in one line**
- **Thoroughly documented API description - clear and easy to understand**
- **Standalone – no integration needed**
- **Technical support**

CASE STUDIES

COLUMAT

SPAIN

pilot project

**Local integrator partners
with retailers to create
lockers network**



JUSTIN & SILPO

UKRAINE

pilot project

Logistic operator JUSTIN in collaboration with **retailer SILPO** has launched a **new food delivery service** from the supermarket to the parcel locker by Modern Expo.



VOLI

MONTENEGRO

pilot project

Biggest food-retail chain in Montenegro now offers to their clients omnichannel experience



ABOUT US

MODERN EXPO

Today we have become a platform bringing together leading professionals into powerful teams of **R&D, IT, retail design, engineering**, etc., working in synergy to create the perfect retail of the future by Modern Expo.

 **MINT**

[IT]

 **SQUARES**

[DESIGN]

 **ENGINEERING**

[MACHINERY]

WE CREATE
RETAIL NEW

MODERN EXPO has been a top company in creation of modern retail for more than 20 years.



We are convinced that modern retail is a phenomenon encompassing a multilevel system of obtaining goods with the ultimate consumer. Today, it's not just the physical store space, but also the solutions for E-commerce, warehouses, logistics and integrated supply chain. Therefore, one of the leading directions of our work is developing products and services for the last mile, with a focus on parcel lockers solutions.



**Modern Expo is 9 high-tech
PRODUCTION UNITS specializing
in different types of equipment. Our
manufacture is one of the most powerful in the
world, we provide mass replication in roll-outs
and ensure meeting each of our products with
European safety and quality standards (EN and
FEM).**

MODERN GEOGRAPHY

A map of Europe and the Middle East with city names marked. The cities shown are London, Paris, Berlin, Warsaw, Lublin, Lutsk, Kyiv, and Dubai. The map is a simple outline showing country borders.

We supply our
products to more
than **75** countries

MODERN NUMBERS

2200 employees

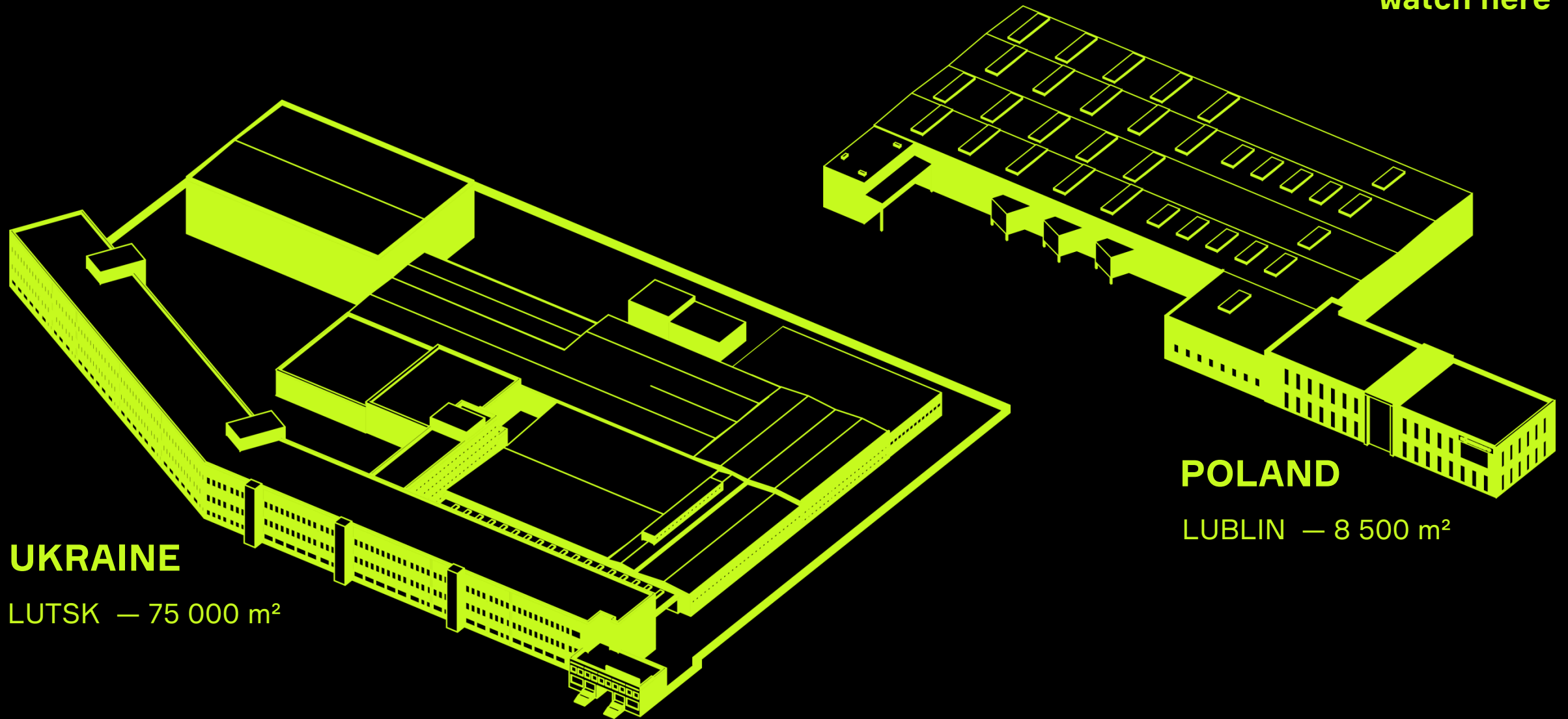
83 500 m² production facilities

100+ dealers

MODERN WORLDS



watch here



UKRAINE

LUTSK — 75 000 m²

POLAND

LUBLIN — 8 500 m²

MODERN CLIENTS

castorama



Carrefour

allegro

WAITROSE



Intermarché

zabka



SAMEDAY
yourway.

SPAR



profi
zlinic preturi mici

ATB

coop

أسواق التميمي
tamimi markets

صيدليات الدواء
al dawaa pharmacies
رعاية بلا حدود | Unlimited Care

REWE



EDEKA

CONAD

نستو
NESTO
All that you need.

DOLLAR\$TORE
Mighty fine prices Every Day

araz

E.Leclerc

MIX
Mart

ROSSMANN

#WEAREMODERN

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