



Smart Fridge

Who
We
Are

Combining Expertise of

MODERN EXPO

Equipment design, production & full service installation

 MINT

Smart solutions for retail, supply chains & FMCG companies

 SQUARES

Retail consulting and concept design

 ENGINEERING

Designing and manufacturing production lines as well as stamps, molding tools and rapid tooling

MINT INNOVATIONS

An innovative company created to develop and implement the latest high-tech solutions in Modern-Expo's portfolio

Our main competence is to develop comprehensive smart solutions that transform retail space into stores of the future



Our Experience

15+
years of experience

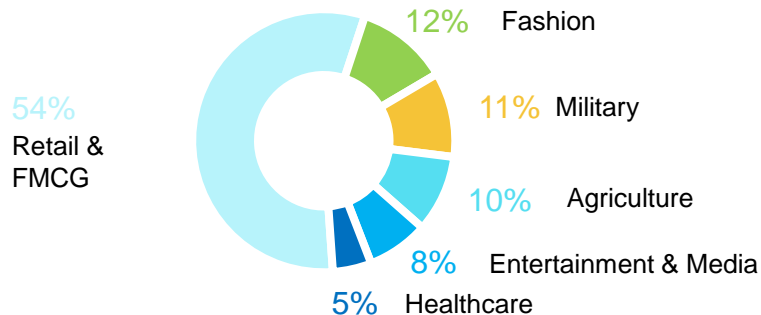
20+
ongoing projects

100+
Experiments

100+
pilot projects in:

- › Retail & FMCG
- › Fashion
- › Military
- › Agriculture
- › Healthcare
- › Entertainment & media

Areas of Expertise



Partners in

Ukraine, Belarus, Poland, Latvia, Germany, Netherlands, Finland, Sweden, France, Denmark, Belgium, UAE, Japan, USA, Canada, Australia

Our Agile Team

70

team members



46
Software
developers



10
Data
scientists



10
Hardware
engineers



4
PhD

We see efficiency as point of differentiation using



Internet
Of Things



Big
Data



Robotics



Computer
Vision

Challenges we successfully overcome

We collect and process valuable data about purchases, customer behaviors and sales. Based on this information we can formulate business processes that allow to:

Control and manage equipment remotely

Carry out merchandising control

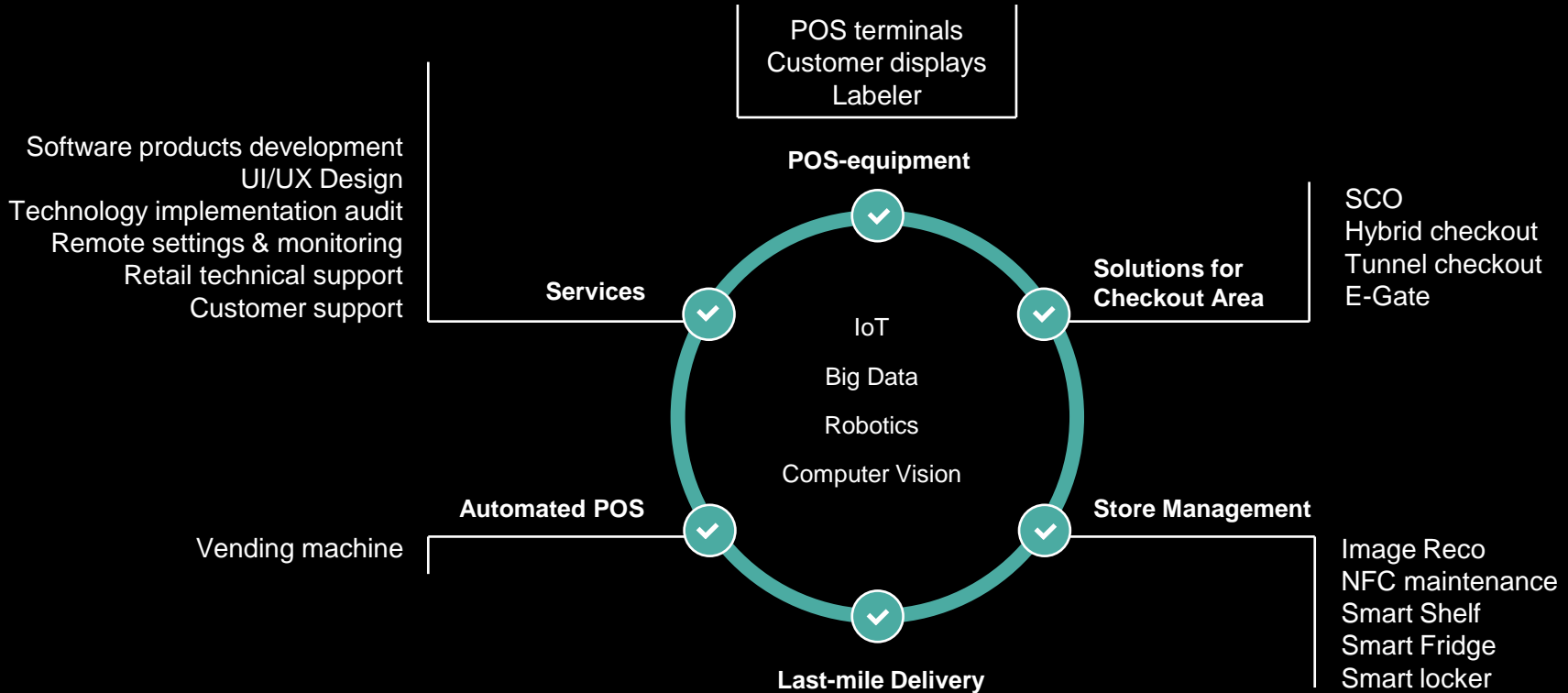
Make sales predictable

Build customer portraits

Analyze and manage client's portfolio

Eliminate out-of-stock

Our Solutions



Smart Fridge

SMART FRIDGE



- › Big Data collection & analysis
- › Location & sales audit
- › Efficient monitoring

Smart Fridge

Functions:



Big data
collection &
analysis



Efficient stock
monitoring



Technical &
location audit



Notification of:

- › open doors
- › “off” mode
- › temperature mode failure
- › equipment location change

a software solution that allows for remote control of
refrigeration equipment operation and location

Smart Fridge:

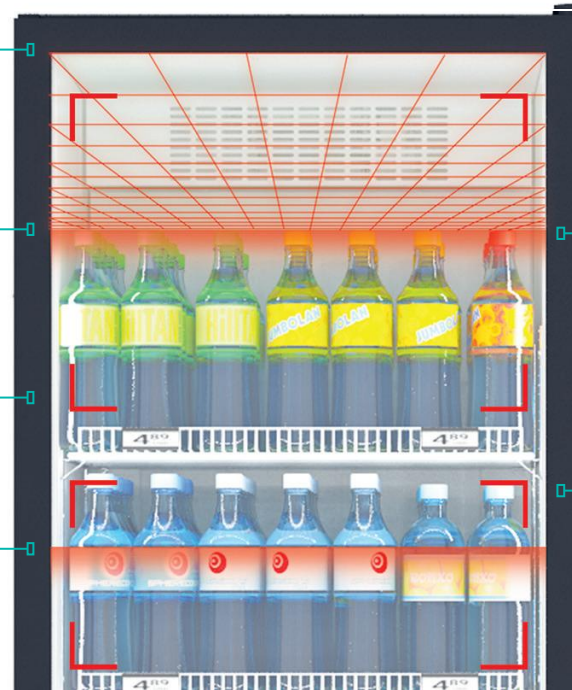
Key indicators for monitoring

Door open / close indicator

Evaporator outlet temperature

Evaporator inlet temperature

Defrosting temperature



Period of time for open doors

Off mode

Technical Audit



Temperature control



Opened doors notification



Power consumption management



Forecast malfunctions and schedule timely servicing

Location Audit



See real-time location on map



Creating virtual maps of the equipment regional location



Manage regional settings



Control location when fridge is powered off

Stock Monitoring

- › amount of SKU on a shelf
- › minimum number of units on a shelf
- › quantity of goods at the “virtual” stock
- › speed of goods turnover



Events /
locations map
display



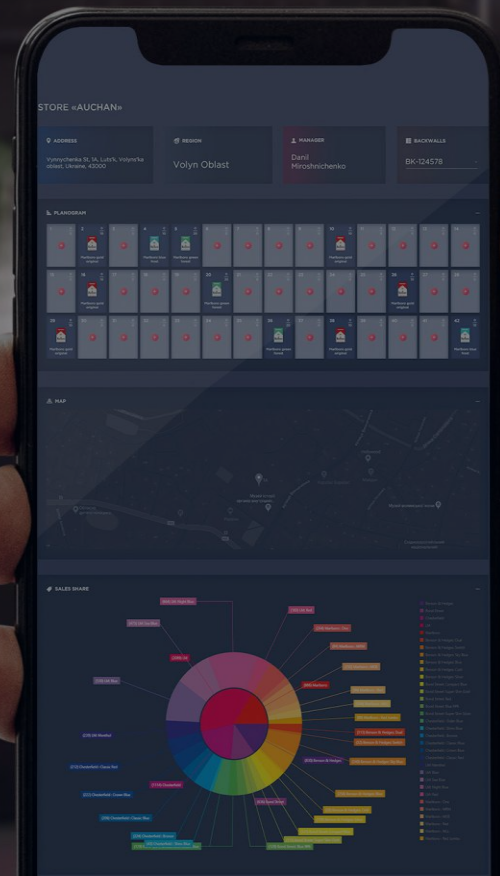
Planogram
supervision
and editing



Sales forecast
and recommended
plans of deliveries



Analytics



Face Reco

A demographic profile of your customer linked to the product purchased by this customer

- › Who buys
- › How much
- › When

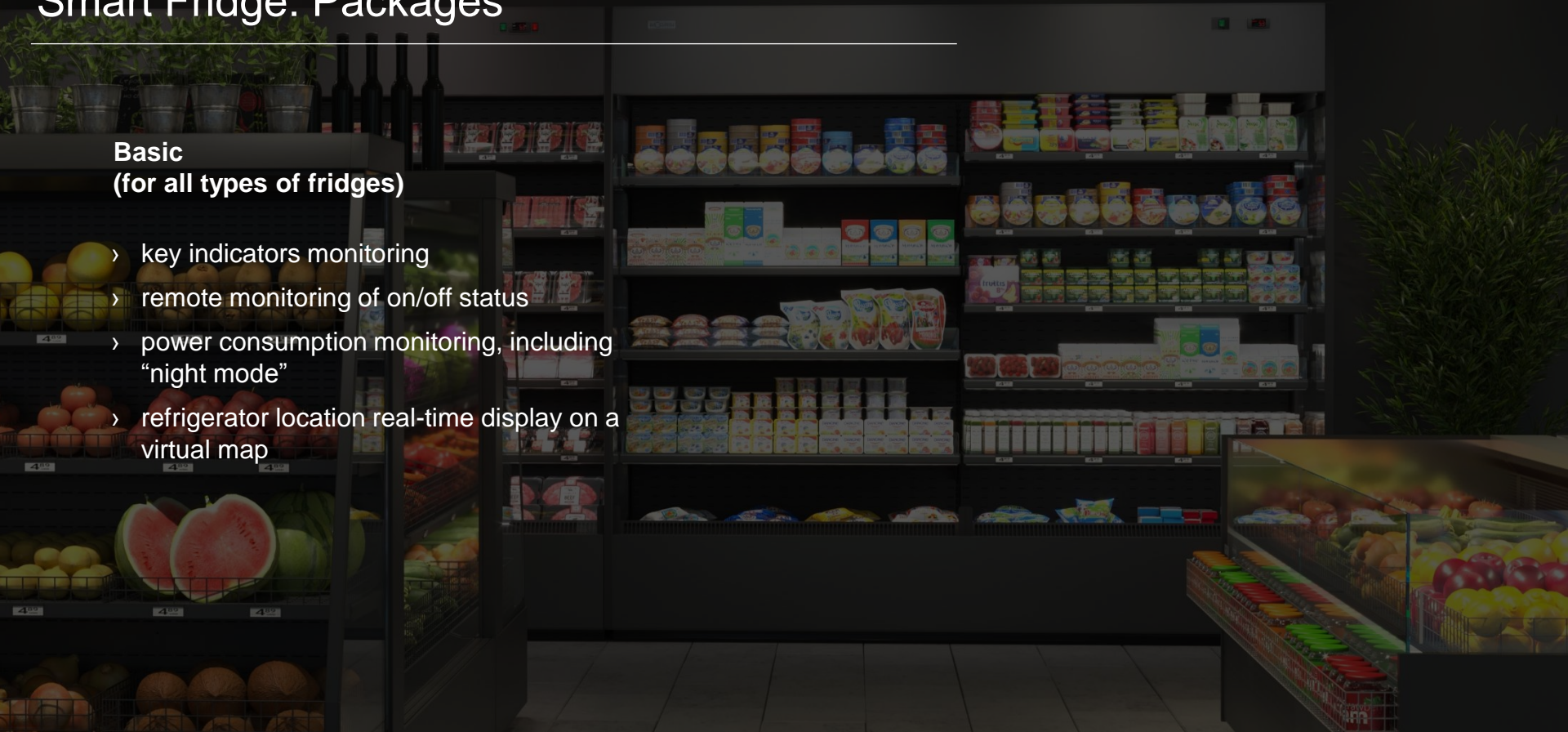
This tool allows to get real-time information and estimate, for example:

- › Efficiency of an advertising campaign of a particular product
- › Shopper tastes without collecting of information manually

Smart Fridge: Packages

Basic (for all types of fridges)

- › key indicators monitoring
- › remote monitoring of on/off status
- › power consumption monitoring, including “night mode”
- › refrigerator location real-time display on a virtual map



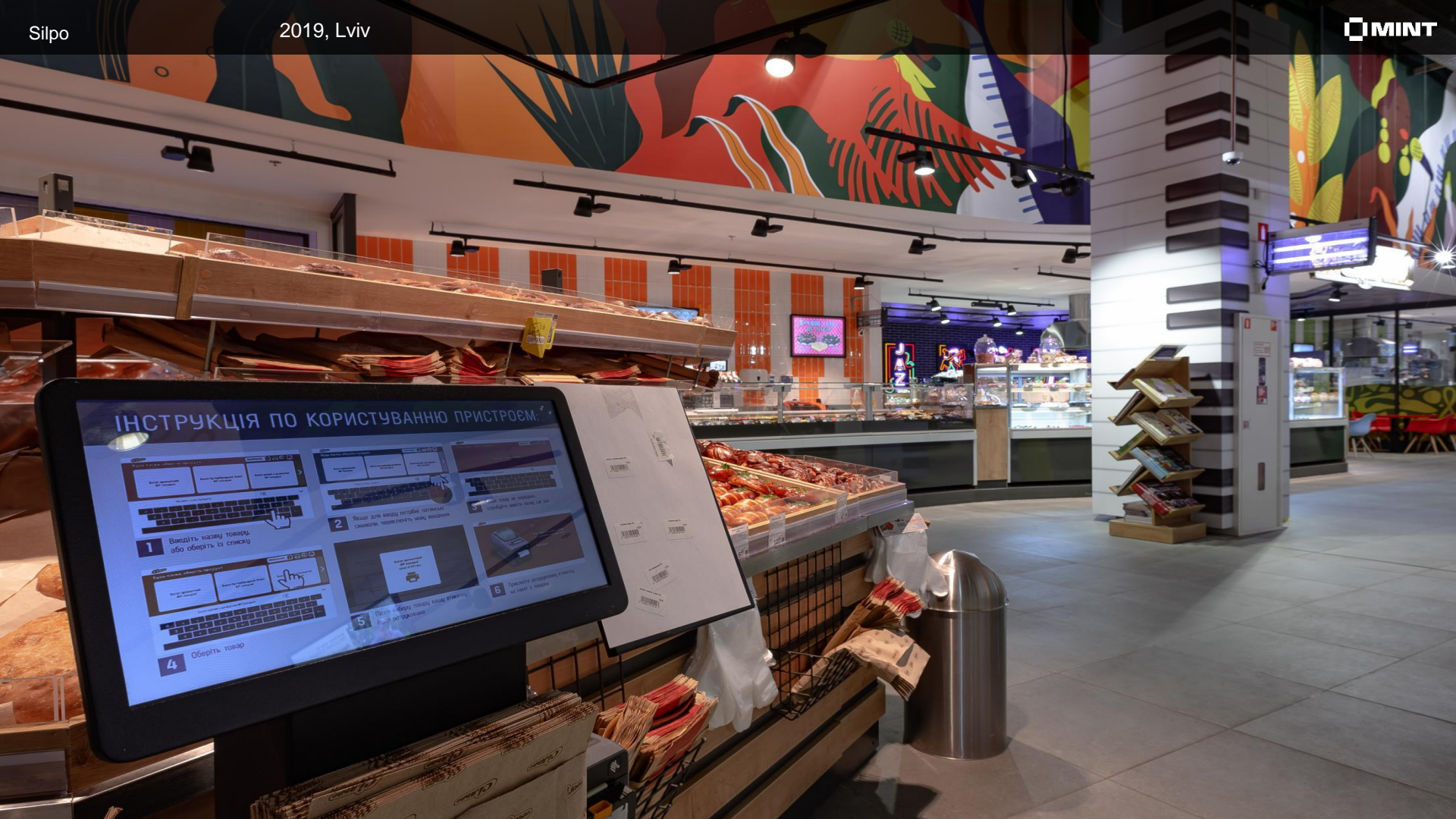
Smart Fridge: Packages

Advanced (for fridge with Danfoss controller 202D1, 211)

- › temperature remote control by product type
- › settings remote control
- › automatic reconfiguration of settings
- › creation of equipment groups by location - one-time change of settings for the entire group
- › personalized setting of access rights for any group
- › refrigeration equipment location control



OUR PROJETS



ІНСТРУКЦІЯ ПО КОРИСТУВАННЮ ПРИСТРОМ.

1 Введіть назву товару або оберіть із списку

2 Прочитайте назву, кількість, ціну та інші дані про товар, які відображаються на екрані

3 Перемістіть курсор на потрібний товар за допомогою клавіш

4 Оберіть товар

5 Прочитайте назву товару, кількість та інші дані про товар, які відображаються на екрані

6 Прочитайте назву товару, кількість та інші дані про товар, які відображаються на екрані















MODERNEXPO

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Зіскануй код

4

Забери замовлення

2

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