

FirstMarket

Micromarkets offer a flexible, cost-effective, and modern alternative to traditional sales models. Micromarkets provide a convenient solution for supplying food and beverages, especially in companies where employees work around the clock. The concept can also be applied to farm shops or flower shops for products that are sold directly from producers without personnel expenses.

An existing fleet of vending machines can be easily integrated into the software solution, offering uniform handling and reporting for all points of sale in the facility.

The product is selected or scanned on the clear touchscreen. All modern, cashless payment methods are accepted: debit and credit cards, TWINT, and mobile wallets.

Thanks to the comprehensive RFID solution, all existing badge technologies can also be integrated. This allows employees or regular customers to benefit from price advantages or subsidies, which guarantees better customer loyalty.

The micromarkets are managed via the intuitive, cloud-based TIV backend. This allows customers to easily manage product stocking and reporting.



Advantages

- **24/7 availability:** Supplies for employees during breaks or shift work: Customers or employees can shop at any time without being tied to opening hours
- **Individual product selection:** Unlike vending machines, a micromarket offers a wider selection of snacks, drinks, or fresh food
- **Flexible product selection:** fresher and healthier products are also possible. Quick and easy changes to the product range.
- **Cost efficiency:** Savings in personnel costs. Reduction in operating expenses
- **Digital payment options:** Customers can pay cashless via cards, apps, or mobile payment systems. Existing employee ID cards, which are available as RFID media or virtual transponders on cell phones, can also be used for this purpose.
- **Increased sales: Spontaneous purchases are encouraged:** customers have direct access to products, which can lead to more purchases
- **Integration into existing vending infrastructure:** Seamless integration of an additional or existing RFID solution with badges or virtual data carriers (mobile phone app).
- **Easy inventory control:** Operators can digitally monitor and optimize inventory.

Order coordinates:

Item no.: MM.20.0D1.01
Description: FirstMarket RFID

MM.20.S01.01
FirstMarket EFT



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Areas of application

- **Companies & offices:** ideal for open-plan offices, co-working spaces, and company buildings
- **Production facilities & industry:** factories and warehouses with shift operations
- **Hospitals & healthcare:** supplies for doctors, nursing staff, visitors, and patients
- **Gyms & sports centers:** sale of protein bars, shakes, healthy snacks & drinks
- **Hotels & Hostels:** Alternative to minibars or overpriced hotel shops
- **Universities & schools:** Perfect for students and pupils during breaks or long study days
- **Residential complexes & co-living spaces:** Practical addition to dormitories, student residences, or large apartment complexes
- Other applications: Airports & train stations, amusement parks

Features

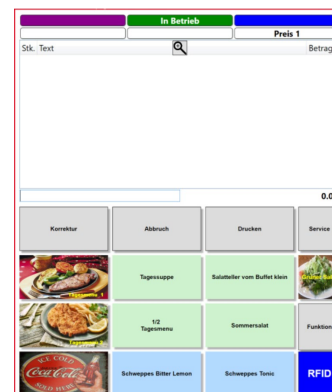
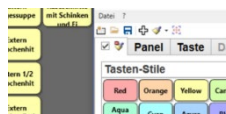
- Payment via EFT, RFID, or mobile
- Goods control, inventory management
- EFT terminal connection Worldline or NEXI
- Comprehensive reporting
- Configurable chain reports
- Offline capability in case of network failure
- 4-language operation: DE, EN, FR, IT
- Panel editor for easy configuration
- Integration of voucher system
- Interfaces Abacus, SAP, Lobos
- Webload: RFID upgrading via app

Features

- 21" touch screen
- 1D/2D scanner
- Receipt printer
- RFID, EFT, or combined

User interface

1. Scan products or select them on the touch screen
 2. Select payment method
 3. Complete
- Adaptive user interface
Can be easily adapted to different customer requirements thanks to intuitive panel editor
 - Panels with text or images that can be customized in size and shape
 - 4 languages
 - Sectors/groups
 - Shopping cart
 - Import/export option



Backend TIV (Totally Integrated Vending)

- Uniform cloud-based backend for micromarkets and vending machines
- Panel editor for item maintenance in the micromarket
- User management with access rights
- Master data management for devices, items, consumers, price lists, categories, etc.
- Drag-and-drop configuration of items
- Create, filter, and subscribe to reports
- Closed loop balance management online/offline
- Product prices with unlimited price levels
- 4 languages separately for UI and reports
- Cost centers, subsidies, bonuses
- Web load



Technical data

Hardware:

- Windows 10
- Processor: INTEL KabyLake, fanless, i3 - 7100 U
- 8 GB RAM
- 21" Full HD TFT touchscreen, 1920 x 1080
- ODP 444 thermal printer
- Barcode scanner Datalogic 1500 i

Interfaces:

- LAN 10/100/1000 Base-T
- 4 x USB 2.0 + USB 3.0
- 4 x serial (some with power supply)

Dimensions

Height = 73 cm, width = approx. 45 cm (including payment terminal), depth = 26 cm

Weight: 20 kg

Additional items / accessories

- RFID: DeDesk embedded depending on model
- EFT terminal Paytec UPT-1000
- EFT terminal Ingenico self