

Unmanned store technology provider for 24/7 sale is looking for IT companies for local installation under technical cooperation agreement

Summary

Profile type

Technology offer

Company's country

Czechia

POD reference

TOCZ20250821003

Profile status

PUBLISHED

Type of partnership

Commercial agreement with technical assistance

Targeted countries

• World

Contact Person

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Term of validity

21 Aug 2025
21 Aug 2026

Last update

28 Aug 2025

General Information

Short summary

A Czech family company, developer of unmanned store technology is offering extending traditional physical store sale with an unmanned operations up to 24 hours a day, based on identity entrance. The store is monitored by camera system. Solution for any small or medium store owners. The company is looking for partnership companies basically worldwide, nevertheless special interest is in Balkan countries and Germany to cooperate in installation of the technology under technical services agreement.

Full description

The family company provides comprehensive economic programs (invoicing, inventory, payroll, double-entry bookkeeping, tax accounting, and more). Based on the demand of many customers, it covers the supply of economic units and the supply of hardware. The company guarantees the functionality of both its clients' IT and the company's economic system.

The company has newly developed technology that is used to operate fully automated unmanned stores. It reacted to the problem in rural areas where people return from work from larger towns when the shops in their place of residence are already closed.

Security and self-service payment equipment for stores ensures 24-hour operation. The equipment is suitable for

shops to ensure the operation completely without the assistance of staff and cashiers. The technology provides secure entry for identified customers and their check-in and payment at a self-service payment kiosk. The shop is equipped with optional security logic for the entry of identified customers. The safest principle is a combined door and security turnstile entrance with entry via a mobile application in which the customer registers his identity. This principle prevents the simultaneous passage of another or unidentified person. Other options include entry via a sliding or ordinary door with authentication and identification via the mobile app. By identification with app or card the customer registers their identity in the mobile app before entering the store premises for the first time, alternatively the operator issues a customer entry and payment card with a reloadable credit for purchase. The operator determines the necessary identification data for registration, so a valid phone number, ID card or photo of the person can be verified before the first entry, fully in accordance with GDPR and the anonymization of verified data.

The mobile app contains an access key to the store premises, displayed only to customers with a registered identity. The app is available for both Android and Apple iOS' devices. The app also keeps a history of purchases with a detailed view of receipts, which remain always at hand. It also contains contact details of the shop operator and a map of unmanned stores.

The concept of the automated store extends traditional physical store sale and adapts as much as possible to the needs of customers, for whom the need to plan their purchases according to store opening hours is over. The owner of the store can safely let the customer shop in their store.

Based on the experience and know-how the family company is looking for counterparts basically worldwide, nevertheless special interest is in Balkan countries and Germany to cooperate in installation of the technology under technical services agreement.

Advantages and innovations

- 24-hour operation increases profitability of the store
- affordable solution for any small or medium store owners
- safety of shopping – monitoring by CCTV camera system
- complete time freedom of the customer
- savings on operating costs
- savings on personal costs
- the sale of alcohol to children and juvenile citizen is solved by a bank identity that guarantees the age of 18 years

Technical specification or expertise sought

Stage of development

Already on the market

Sustainable Development goals

- **Goal 11: Sustainable Cities and Communities**
- **Goal 9: Industry, Innovation and Infrastructure**

IPR Status

Secret know-how

IPR Notes

Partner Sought

Expected role of the partner

IT companies for local installation.

Type of partnership

Commercial agreement with technical assistance

Type and size of the partner

- **SME <=10**
- **SME 11-49**
- **SME 50 - 249**

Dissemination

Technology keywords

- **01003006 - Computer Software**

Market keywords

- **02007024 - Programming services/systems engineering**
- **02007007 - Applications software**

Targeted countries

- **World**

Sector groups involved

Media

Videos

[Unmanned store in operation](#)