

TIV (Totally Integrated Vending)

take off to a new horizon



TIV (Totally Integrated Vending)

TIV is a unique cloud solution for the management of payment systems to solve the increasingly complex requirements in a simple way. In addition, TIV provides flexible reporting, which allows any targeted evaluations thanks to real-time data from the DIVA2 systems.

It supports the customer in the realization of modern payment and billing functions that previously could not be realized or could only be realized in a cumbersome manner.

Virtually all existing vending machines equipped with DIVA technology can be easily connected to the system.

To be able to use the full range of functions, the vending machines (DIVA2 system) must be networked. In the case of non-networked devices, the extensive report function can still be used if the data read out via handheld (NFC Mobile) is imported into the system.



Advantages

- Steep learning curve for users: child's play, innovative operation for everyone
- Real-time data of all vending machines with comprehensive reporting
- Easy installation of the vending machines. Flexible networking of the DIVA2 systems with LAN or GSM.
- Powerful addition to existing billing programs
- Use of all existing employee ID cards physically and virtually (cell phone app) for payment. Including public and member cards (Swisspass, certain credit cards with closed loop function).
- Attractive pricing model

Benefits for customers and operators

- Cost savings thanks to fewer on-site visits during changeovers
- Improved customer satisfaction: analysis of customer behavior thanks to real-time data
- Increase in sales: optimal customer loyalty, optimization of the vending machine assortment
- Flexible price changeover of individual or all vending machines at the click of a mouse
- Faster time to market for the installation of new projects
- One comprehensive system for very many applications instead of various stand-alone solutions



Features

- Webload: upgrade via app from all data carriers in the field
- Extensive reporting based on real-time data from vending machines and coffee machines, charging stations, reverse vending machines, apps, micromarkets. Transactions Cashless, credit, subsidy, cash, open transactions (OTRA), revaluations, transfers and others.
- Central data carrier management: price lists, cost centers, validity by date, lock in case of loss, subsidies
- Credit operation (payroll) with existing data carriers: no cash, no transaction fees
- Scalable item management with just-in-time pricing.
- Touch Waiter: integrated pre-order system with app (Click & Collect)

Ordering coordinates:

Item no: NU.01.070.01
Designation: TIV Project initialization



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USPs (Unique Selling Proposition)

TIV contains functions that are unique on the market

- Webload: upgrade via app from all data carriers in the field. Retrofit all installations regardless of vending machines and payment system manufacturers.
- Integration in the central TIV system of vending machines, charging stations, cash registers, Nano (Coffee Corner or App solution) or Micromarkets, Click & Collect system.
- No incomprehensible configurations: System is tailored to your plant, making it very easy to use. Especially for small plants with low requirements: You can choose only what you actually need
- Overlapping card numbers: Merging of different customers from companies mergers, holdings and the like into one central system without changing the system.
- Display and filter transactions with unique level of detail
- Automated conversion from offline wallet to online operation

Hosting

The TIV servers are located in a highly secure infrastructure with hosting in Switzerland.

The distributed architecture across different data centers guarantees a high level of fail-safety.

A load balancer and self-scaling up services guarantee optimal load management.

The system is monitored by the Hug-Witschi IT specialists via a sophisticated monitoring system.



Requirements

- Networked DIVA2 systems: LeX2, LeX, DIVA2 Base, DeLight2, DeLight, MaX2, MaX.
Network via LAN or GSM
- unnetworked DIVA2 systems: read-out transactions are transferred offline to the TIV with Spider2.
Type of data readout:
 - NFC Mobile with end2end data backup: LeX2, LeX, DeLight2, DeLight
 - serial with Tool XML Collector with end2end data backup: LeX2, LeX, DIVA2 Base, DeLight2, DeLight
 - SD Card
swap without end2end data backup: LeX2, LeX, DIVA2 Base, DeLight2, DeLight
- Firmware: from v8.50. MaX: from Lhotse. Recommendation: Lhotse
- Existing Spicls (Device Management System) and TIV account



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