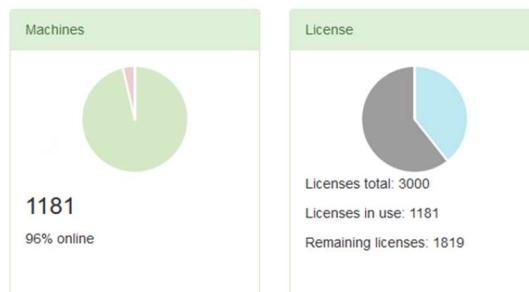# DIVA2
The Multi-Functional

Spider2

Via the Spider2 Gateway, vending machines with a DIVA2 system can be linked to any back office. The back office manages the devices, user and item data including pricing and can thus merge vending machines with cash registers, kiosk systems and the like.
In addition to the conventional credit storage on the data carrier (offline), the system also supports a central account management (optionally combined).
Data exchange takes place in real time, so that up-to-date data is always available.
The capabilities of the back office determine the functionality on the vending machine.

Machines	License
1181 96% online	Licenses total: 3000 Licenses in use: 1181 Remaining licenses: 1819

DIVA2 Base and the reader products LeX, LeX2, DeLight, DeLight2 can be connected to the network via LAN or GSM, providing real-time data to the back office.

Vending machines that are not networked can also be connected to the back office *offline* using the *Spider* tool. Data can be read out at the vending machine conveniently from outside via the reader antenna using *NFC Mobile*. Alternatively, data can also be read out serially or the SD card can be exchanged.

Advantages / Applications

- The read only transponders from the access system can be used for payment. Connection serial or via Wiegand interface
- central administration of all user data - no recoding of data carriers necessary
- Real-time communication: changes in the management system take effect immediately at the vending machines
- Scalability: features such as online debit/credit, transactions, prices, etc. can be added individually
- The open interface *ipayment* allows the connection of various back office solutions
- Identical functions for online vending machines and offline (data readout via handheld)
- Combination of conventional offline debit system and online features possible. Automatic migration from "old debit system" to online debit/credit
- Balance tracking across all devices (cash registers, vending machines, charging stations, copiers, etc.)
- Thanks to DIVA2, all payment systems and vending machines available on the market can be networked with the same capabilities
- Supports upgrading via the Internet (Webload) and remote dispensing (product dispensing via DIVA2)

Features

- Central debit or credit procedure, or both mixed
- Central authorization of users. Lost card blocking
- Centralized pricing: Price changes take effect immediately on all devices in the park. Individual prices depending on time, place, article and user. Subsidies, discounts, price lists.
- Charging the online debit account at a charging station
- Sales and loading transactions are transmitted in real time
- Cash transactions controlled via DIVA are also registered in the back office
- "Settlement card" allows automatic reporting when cash register is emptied
- Dashboard for displaying the status of vending machines and back office
- Monitoring via REST API allows third party monitoring of the system

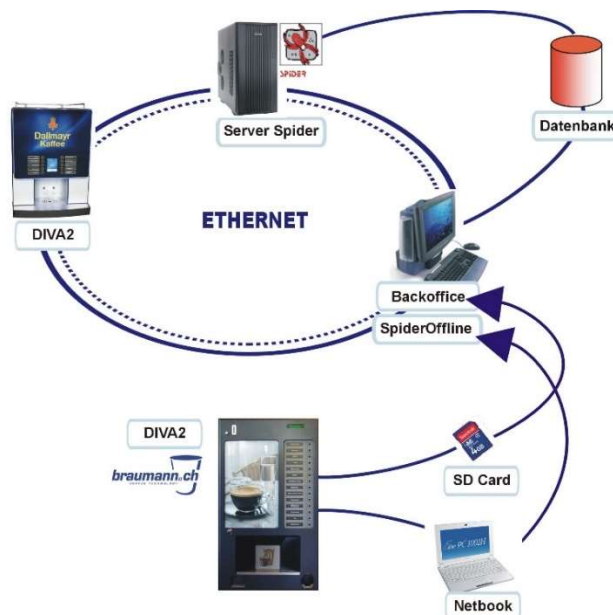| Ordering coordinates:			
Art.no:	HW.49.050.01	HW.01.093.01	**HUG-WITSCHI AG**
Name:	License Spider LAN Gateway online DIVA networking Ethernet Graduation = No. Vending machines	Maintenance contract SpiderSupp ., update, per year min. 36 Mt. Stattelung = No. Vending machines	ELECTRONIC ENGINEERING Auriedstrasse 10 - CH-3178 Bösingen phone +41 (0) 31 740 44 44 - fax +41 (0) 31 740 44 45 info@hugwi.ch - www.payment-technology.com

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PRODUCTS DATASHEET

DIVA2
The Multi-Functional

Functionality

- Spider runs as a service on a customer server or in the cloud
- Integrated web server shows an overview of the devices. Log access, back office status
- Read offline vending machines: the Spider2 offline tool is included in Spider2
- Real-time data exchange between vending machines and back office
- Documented backoffice API *ipayment* as .NET assembly or web service (XML/SOAP) for connection to any backoffice provider
- Max. 3000 machines per spider2. Multiple spiders can run in parallel.
- SDK with source code examples in C, C++, C#, VB and Java
- Powerful logger for analyses
- Easy installation
- no data storage on the computer: Spider2 acts as a pure gateway.

System Requirements:

- Microsoft Windows 10,11 Windows Server 2016, 2019, 2022 - NET Framework:4.8	
- DIVA2 all versions	

Additional items:

- HW.49.050.03 Lizenz Spider Update mit WAbo Update to next major (Spider1->Spider2
- HW.49.050.31 Lizenz Spider offline
- HW.49.093.31 Wartungsabo Spider offline
- HW.44.000.01 Wiegand Converter

See also SN149

Ordering coordinates:			
Art.no:	HW.49.050.01	HW.01.093.01	**HUG-WITSCHI AG** ELECTRONIC ENGINEERING
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