Functions

L-WEB, L-STUDIO

L-ROC

L-INX

L-IOB

Gateways

LPAD-7, L-VIS, L-STAT

L-DALI

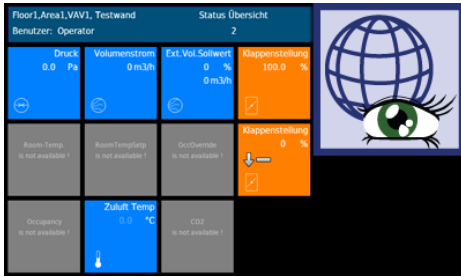Routers, NIC

Interfaces

Accessories

Datasheet #89025523

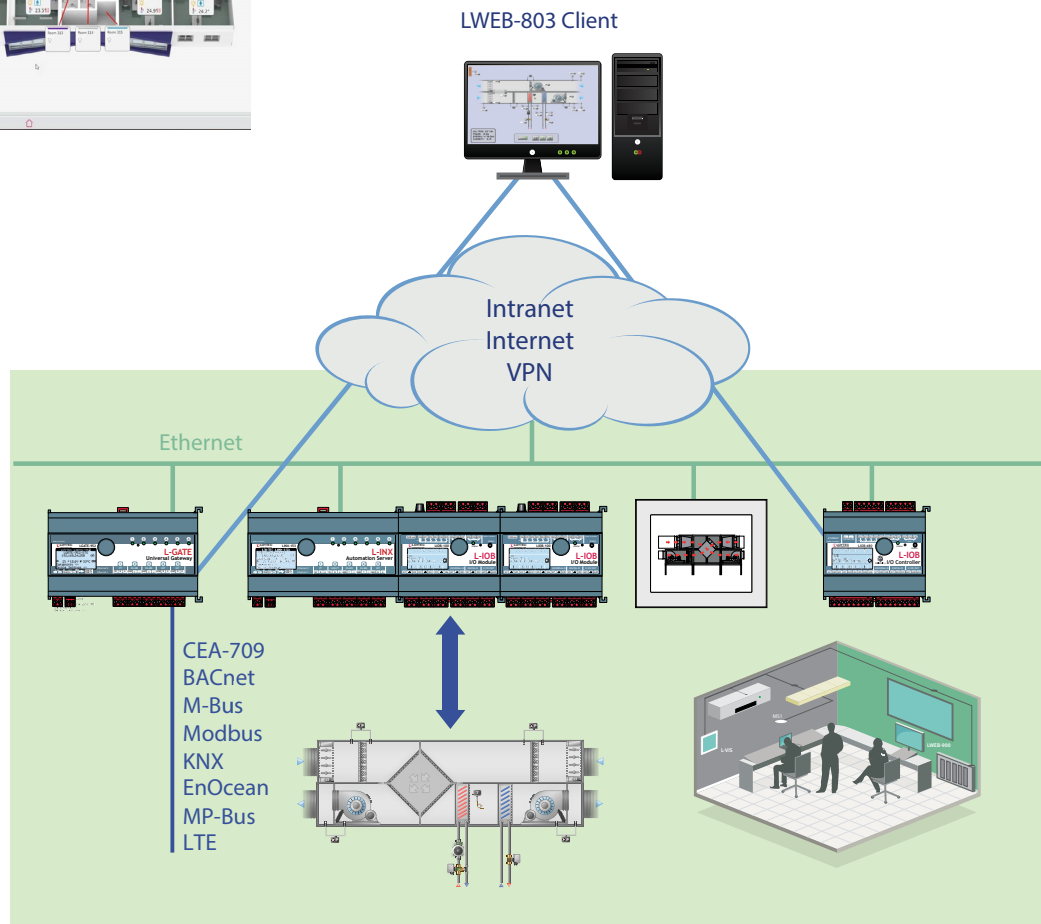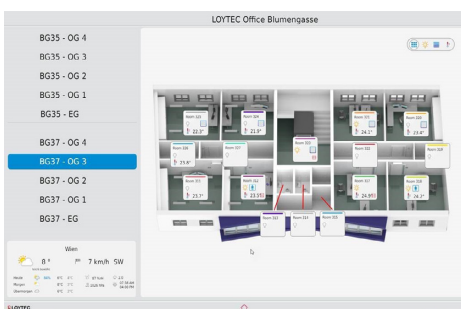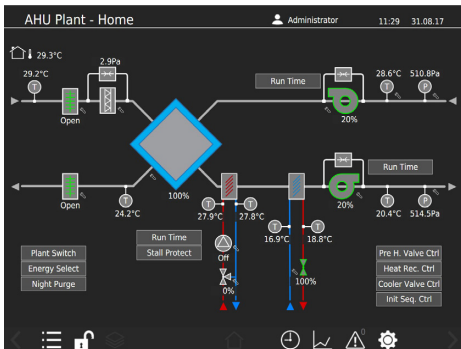

LWEB-803 is a graphical user interface to visualize dynamic pages showing plant details or a virtual room operator panel on a Microsoft Windows PC.

Dynamic Graphical Pages

The graphical pages consist of multiple dynamic graphical controls that show the current plant status in real time. It is also possible to access decentralized schedules, alarm servers, and trends. The graphical projects are designed with the L-VIS/L-WEB configuration tool free of charge. Without any know-how in HTML or Java, user specific graphical pages can be created. Dynamic information is shown through value or text controls, changing symbols, bar charts, trend views, alarm and event lists, and schedule controls. The L-VIS/L-WEB configuration tool allows for using most of the pixel graphic formats (GIF, JPG, BMP, TIF, PNG) or vector graphics (SVG). The graphical projects may be stored on a LOYTEC device connected to the building network, on a file server, or on a 3rd party web server.

Data Point Communication through Web Services

LWEB-803 talks to LOYTEC devices using web services. Utilizing web services allows for smooth communication across firewalls and NAT routers. This way, the Intranet or Internet can be used to build up a distributed building automation system.

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Graphical User Interface

LWEB-803

Fast Navigation

When executing the graphical project, LWEB-803 loads the complete content and stores it on a PC. When changes in the graphical project are made, reloading the project simply updates the version on the PC. During normal operation, the data communication between LWEB-803 and the LOYTEC devices is limited to data point updates. The result is a fast navigation between the pages even when the connection is slow.

Virtual Room Operator Panel on PC

LWEB-803 can be used as a state of the art alternative to physically mounted room operator panels. LWEB-803 pages can be viewed in "Design Mode" which allows showing the graphical pages without frames and with a transparent background. LWEB-803 virtual room operator panels can be stored on the LOYTEC devices and operated within the MS Windows PC environment. There is practically no limit for the designer regarding the size, colors, and utilization of graphical elements. Even high availability of the system can be achieved by storing the virtual operator panels distributed on devices in the network.

Protected Kiosk Mode

In "Kiosk Mode", users can exclusively operate the LWEB-803 application on the PC. When in Kiosk Mode, the user has no access to the PC's desktop or any other software running on the PC.

Show Data Points from Multiple Devices in One Page

LWEB-803 can show data points located on multiple distributed devices in one page. This functionality is particularly important when utilized in energy monitoring applications where meter values are provided by distributed LOYTEC devices. When projects are distributed across multiple devices, LWEB-803 allows to create links between the projects for a continuous operation.

Display Diversity

LOYTEC devices can host multiple LWEB-803 projects. Each of these projects can have any resolution to display them perfectly on a PC monitor. Multiple Windows PCs can access LOYTEC devices at the same time. Widgets or dashboards can be created and placed on the PC desktop. Virtual room units can be designed appealingly in terms of style and usability to give access to room functions.

Features	
• Displays customized graphic pages with dynamic content	• Allows links between distributed LWEB-803 projects for a continuous operation
• User-specific page layout, optionally frameless with transparent background	• Design of graphical projects with the L-VIS Configuration software
• Support of vector fonts	• Automatic updates (Internet connection required)
• Allows access to automation functions such as Alarming, Scheduling, and Trending (AST™)	• Uses web services (OPC XML-DA, SOAP/XML) for communication
• Presentation of trend data in the form of charts or tables	• Easy communication across firewalls and NAT routers
• Display of alarms in alarm lists	

Specifications	
Compatible with	L-INX Automation Server, L-ROC Room Controller, L-GATE Universal Gateway, L-VIS Touch Panel, L-IOB I/O Controller, L-DALI Controller
Operating system	Windows 10, Windows 11, Windows Server 2016, Windows Server 2019, Windows Server 2022
Configuration tools	L-INX Configurator and L-VIS/L-WEB Configurator

Order number	Product description
LWEB-803	Graphical user interface, visualization on Windows PC, free download