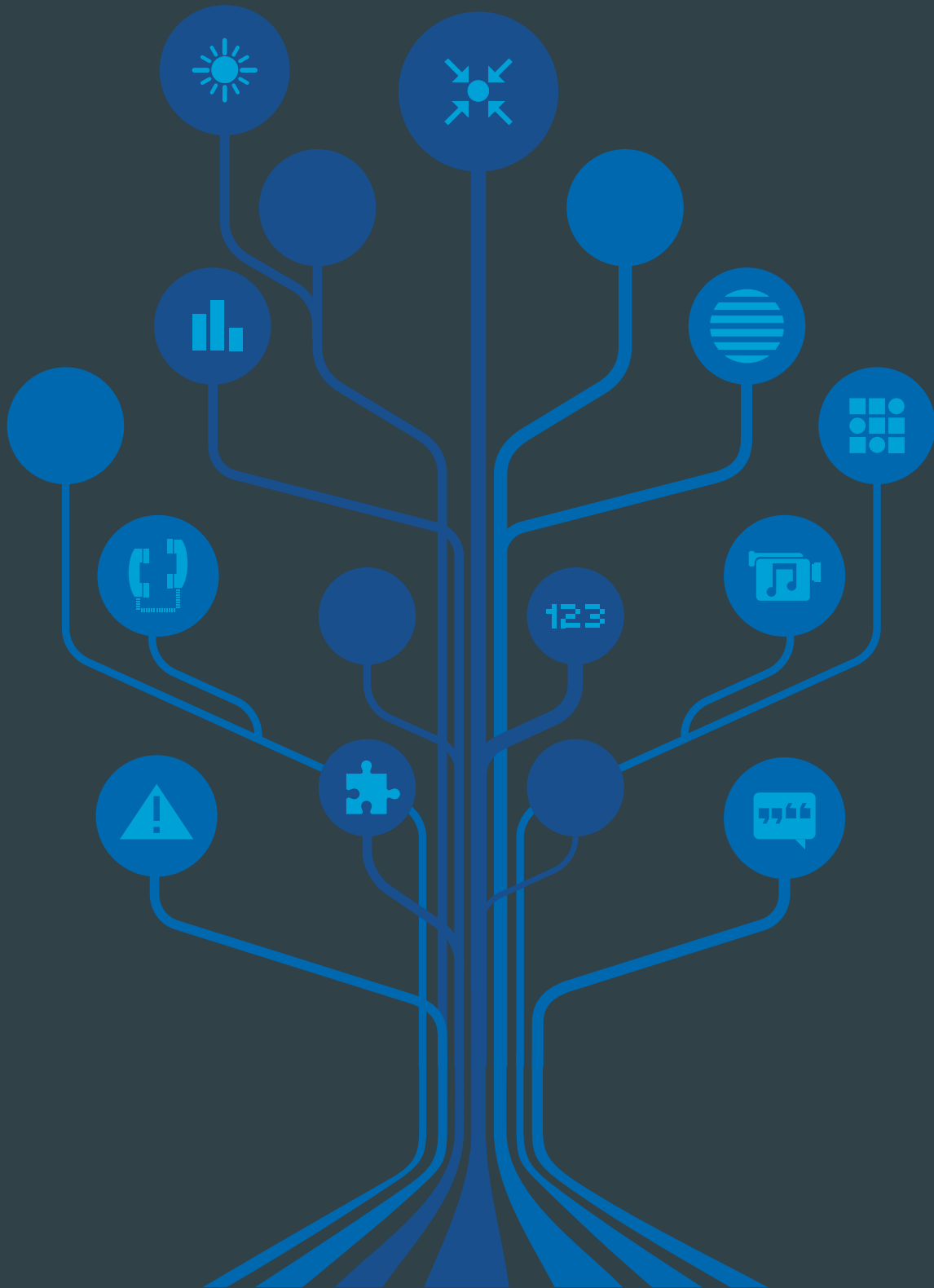IT Gesellschaft für
Informationstechnik mbH

ELVIS

SPECIALIST FOR VISUALIZATION
IN BUILDING AUTOMATION

GATEWAY · LOGIC · VISUALIZATION
SMART HOME · FUNCTIONAL BUILDING

SPECIALIST FOR BUILDING AUTOMATION AND EXPERT FOR KNX ADD-ONS

POWERFUL AND INDIVIDUAL SOFTWARE SOLUTIONS FOR BUILDING AUTOMATION ARE THE BUSINESS OF IT GMBH. AS VISUALIZATION SPECIALISTS, WE SET NEW STANDARDS.

CREATIVE SOLUTIONS FOR DOMESTIC AND BUILDING ENGINEERING

The ELVIS visualization software is internationally used in domestic and building engineering – from residential homes to functional buildings. It is the core product of our company. And it inspires us to find new creative adaptation requirements and special solutions in the field of building automation. In this way, IT GmbH as a service provider competently assists device manufacturers and has been the co-developer of ETS since it was introduced to the market.

THE BASIS FOR OPTIMAL AND VISIONARY RESULTS HAS ALWAYS BEEN EXPERTISE, EXPERIENCE, AND CREATIVITY. THIS IS WHAT IT GMBH AND ITS EMPLOYEES HAVE RELIED ON SINCE 1987, WHICH IS WHY WE ARE AMONG THE TOP ENTERPRISES IN THE FIELD OF BUILDING AUTOMATION. OUR DAILY DEMAND: FIND SOLUTIONS AS FLEXIBLE, RELIABLE, AND INDIVIDUAL AS OUR CUSTOMERS' WISHES.

ADVANCED TECHNOLOGIES COMBINED WITH SECURITY

Be ahead of our time has always been a maxim of IT GmbH. Our employees have been among the trailblazers of software developments in the field of building automation since 1987.
An inquiring mind and curiosity – this ensures high-level performance, future-oriented technologies, and advanced technological know-how. Thanks to continuous education and training of our employees and through its new developments, IT GmbH is a reliable partner at all times. This benefits all products in which we do not just use the most advanced methods of software development but also provide long-term support for them.
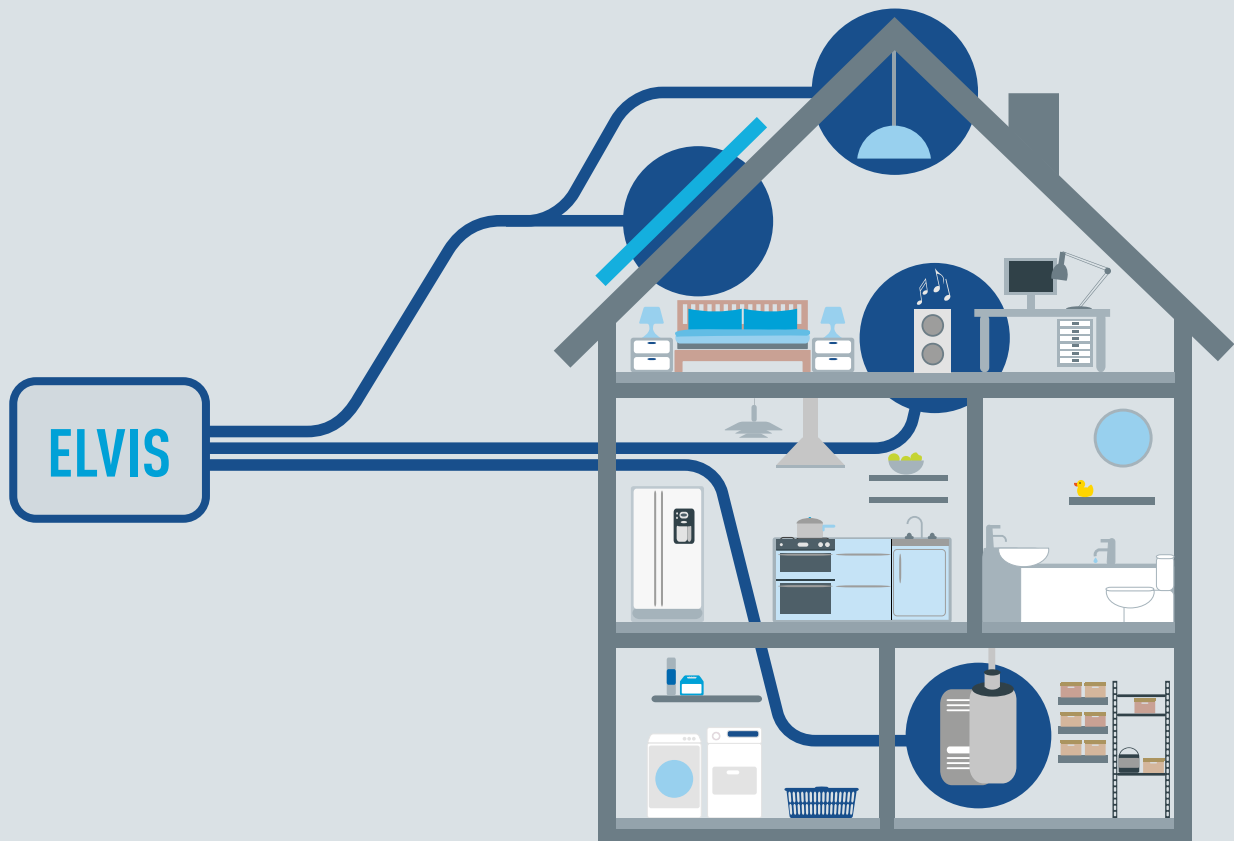
Do you speak KNX? IT GmbH does. And that is not all we do. Our „talent for language" manifests itself down to the lowest communication layers of the bus systems. Whether it is KNX or OPC, Modbus, M-bus, BACnet 1-wire – our associates can interpret any communication and deliver the desired information to our clients fast and systematically. IT GmbH also focuses on maximum safety and reliability. This is why we developed mechanisms for safe data transmission, reliable data backup, and fault tolerance. This knowledge has been incorporated in the ELVIS visualization system as well as in the ETS apps. ELVIS is one of the first visualization systems supporting KNX Secure.

ELVIS – A SOFTWARE AS VERSATILE AS THE GOALS AND WISHES OF OUR CUSTOMERS

A SOFTWARE PRODUCT IS ONLY AS GOOD AS ITS APPLICATIONS. ELVIS OFFERS AN INFINITE NUMBER OF APPLICATION OPTIONS AND MEETS OUR CUSTOMERS' NEEDS IN THIS WAY.

With ELVIS you can easily integrate a variety of building automation systems (e.g. KNX), as well as media technology (e.g. BACnet), web services (e.g. weather services), or software systems (e.g. hotel software). Powerful import functions facilitate the data transfer. The systems can be linked with each other and with built-in or self-created logics and automation functions (e.g. scenes).

For operation there are clients available for Windows, Android, iOS or any operating system via a web browser. The Design of the user-interface can be fully customized. Design libraries allow a consistent look and easy reusability. A special feature of ELVIS is the ability to organize data points into functions (e.g. a dimming function or even a complete room) and to visualize these functions uniformly via ready-to-use or self-defined elements.

ELVIS is constantly evolving. Many extensions are available for free through the ELVIS Package Manager. You need a feature not yet available? Just contact us!

A MUST: OPTIMIZED ADMINISTRATION
A PLUS: PERFECT DESIGNING

FEW CLICKS, MANY FEATURES. OUR ELVIS VISUALIZATION SOFTWARE FOR BUILDING
AUTOMATION IS HIGHLY INTELLIGENT AND VARIABLE – WHICH INCLUDES ITS DESIGN.

TRUMPS WITH ALL ITS FUNCTIONALITY

Whether you would like more economy, energy efficiency, or quality of life – ELVIS provides all the versatile and typical features of professional buil-

ding automation. This perfect and expedient program has proven its value in international markets and offers its users a wide range of choices, such as:

Integration of various systems: OPC, KNX, Modbus, M-Bus ...

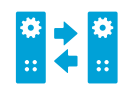Transmitting fault and alarm messages: per printer, voice, email, exting ...

Consumption logging with M-Bus

Logic modules, sequences and time programs

Load management (maximum load optimization)

System stability by redundant servers

Telephoning between control stations and to door stations

Shading: including automatic calculation of the sun's position

Yield display and monitoring of solar systems

Audio and video distribution with decentralized control
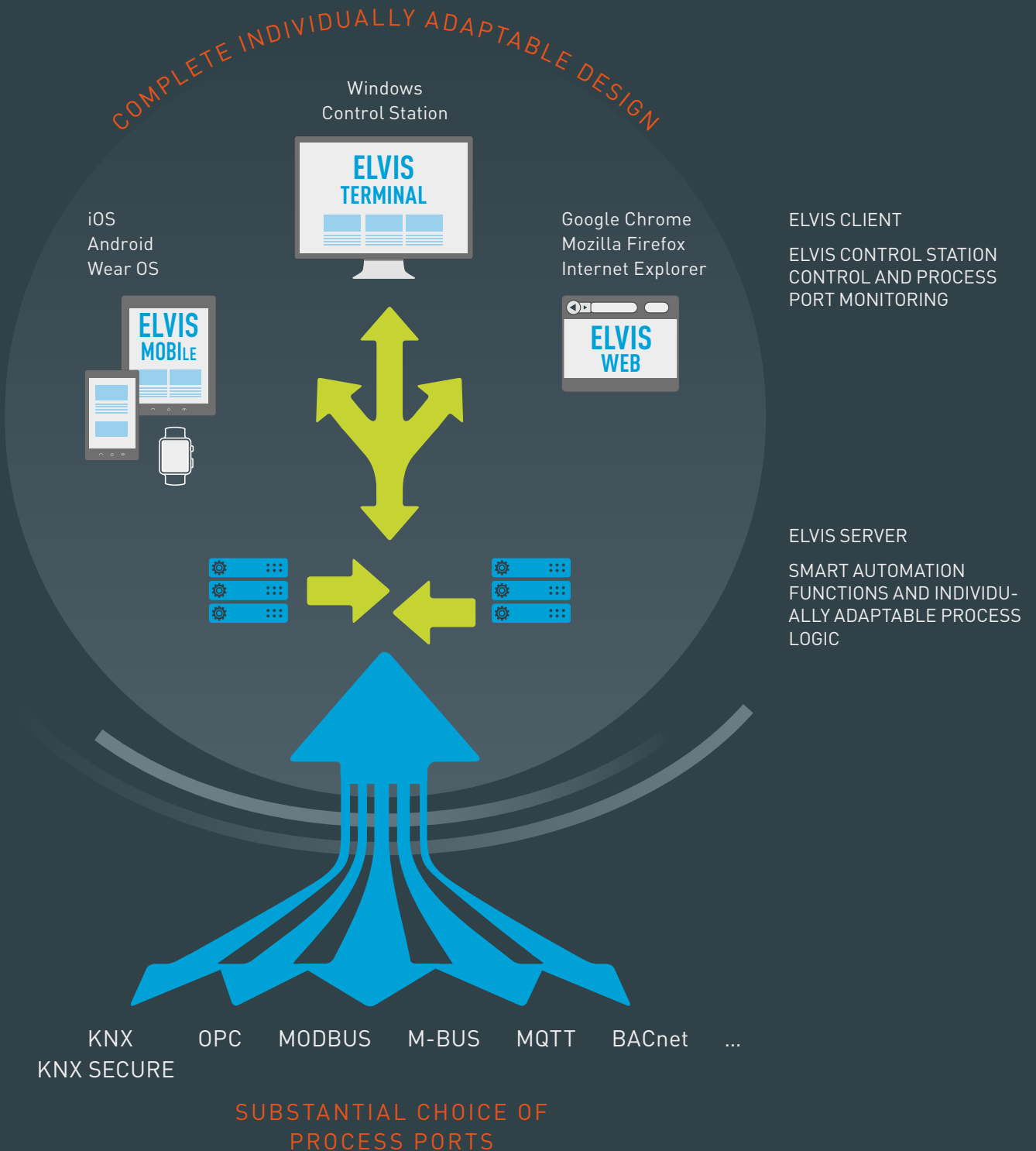
DESIGN JUST AS YOU LIKE IT

It is not the customer who has to adapt to ELVIS – ELVIS adapts to the customer. Whether it is a switch or a thermostat – each control can be adjusted to your individual needs. The customers' wishes can be fulfilled easily. Design should not just consider artistic aspects – it should be communicative, practical, and, above all, easy to understand.

You can design your own high-quality controls using the add-on XAML Icon Studio software. These can be directly used in ELVIS. There is a large selection. More than 8000 basic images are available, sorted by topic and style. Simply select desired icons, insert an overlay and define the background. This is all it takes to create your own individual icons for your projects.

ELVIS –
BRILLIANT AT ONE GLANCE

THIS SOFTWARE ADJUSTS FLEXIBLY TO EACH APPLICATION AND CUSTOMER.
IT CAN HANDLE BOTH FUNCTIONAL AND RESIDENTIAL BUILDINGS.

COMPLETE INDIVIDUALLY ADAPTABLE DESIGN

Windows
Control Station

ELVIS
TERMINAL

iOS
Android
Wear OS

ELVIS
MOBILE

Google Chrome
Mozilla Firefox
Internet Explorer

ELVIS
WEB

ELVIS CLIENT

ELVIS CONTROL STATION
CONTROL AND PROCESS
PORT MONITORING

ELVIS SERVER

SMART AUTOMATION
FUNCTIONS AND INDIVIDU-
ALLY ADAPTABLE PROCESS
LOGIC

KNX   OPC   MODBUS   M-BUS   MQTT   BACnet   ...
KNX SECURE

SUBSTANTIAL CHOICE OF
PROCESS PORTS

FIVE STEPS TOWARDS SUCCESS
OUR PASSION – YOUR MOTIVATION

REACH YOUR GOAL WITH A CLEAR CONCEPT – THIS IS HOW FLEXIBLE AND WELL-ORGANIZED THE CREATION OF VISUALIZATION PROJECTS FOR CUSTOMERS CAN BE

2

Heating   Lighting   Shading

LINK FEATURES EFFICIENTLY

Single addresses are combined into features and can be directly displayed in operating pages. It is no longer required, but still possible, to configure each address individually.

ELV

KNX	MQTT	MODBUS
OPC	BACnet	M-BUS
…		

1

JUST TAKE OVER THE INFORMATION

ELVIS allows an easy data transfer for most process connections either from the configuration tool or live from the plant. With KNX systems, the ETS data transfer automatically recognizes return addresses and groups the data points into functions. The ETS key files can be integrated for KNX Secure.

3

SELECT YOUR INDIVIDUAL DESIGN LIBRARY

ELVIS offers the design library for creating a well-organized design. In addition to ELVIS design libraries, you can define and store own designs for controls which you can reuse in other projects.
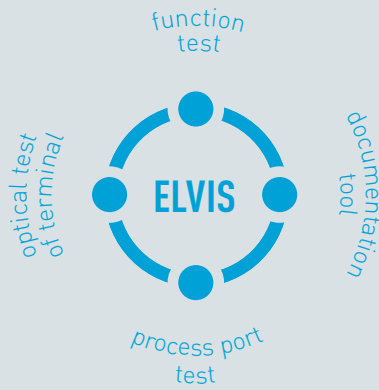
Design from library 1

Design from library 2

further design libraries

Sample dimming

4

function test

optical test of terminal
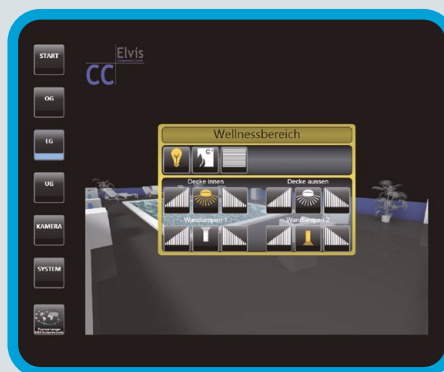
ELVIS

documentation tool

process port test

RELIABLE PROJECT TESTING AND DOCUMENTATION

You can check your project thoroughly in ELVIS for quality assurance. This prevents unpleasant checking for faults at the customer's and allows checking the project without having direct access to the plant. Furthermore, it takes just one click on a button to log the project in the ELVIS Project Report.

5

DELIVER DATA COMPLETELY

The project is installed and made ready for service at the customers' using just a few setting parameters. The projecting engineer keeps in control as he or she does not have to hand over the complete solution.

HARDWARE TAILORED TO ELVIS VISUALIZATION PROJECTS

DIFFERENT PROJECTS HAVE DIFFERENT REQUIREMENTS. IT GMBH OFFERS YOU COMPONENTS WITH WHICH YOU CAN BE CONFIDENT THAT YOUR PROJECTS WILL RUN.

ELVIS SERVER HARDWARE

Rail-mounted or console, IT GmbH has the device that meets your requirements for any application and project.

KNX USB OR IP INTERFACE

The reliable KNX interfaces allow direct access to the KNX bus. They can be elegantly mounted on a top-hat rail.

RECORDER

Our Tool Suite for KNX Telegram recording: Continuous recording, Conversion and Processing, Analysis

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