QBRX
TALKING FACILITIES
DIGITAL ENERGY MANAGEMENT
SMART BUILDINGS WITH IOT

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ENERGY MANAGEMENT SYSTEMS

Photo: https://www.freepik.com

„It's not about short-term optimisation, Think sustainable."

An operational energy management system is the central instrument for systematically anchoring the reduction of energy consumption in the company in the long term. It sets the structural framework for continuously identifying and exploiting energy efficiency potential in the company. Whether peak compensation of energy and electricity tax or the special compensation scheme of the Renewable Energy Sources Act (EEG) - energy management systems can significantly reduce energy costs in companies. The methodology for determining the key figures is the responsibility of the company and must be plausible and comprehensible. and comprehensible. A core element of energy management is energy controlling, which ensures the systematic and continuous evaluation of regularly measured energy consumption and at the same time the monitoring of the set targets. Energy controlling enables energy consumption to be assigned to individual cost units and deviations from the defined key figures to be identified. In this way, the effectiveness of the measures developed can be checked again and again and new measures can be developed in order to continuously reduce energy consumption and energy costs.

The basis of energy management is the inventory and analysis of operational energy consumption in order to locate weak points and sources of loss and to identify potential savings. The data obtained is converted into so-called energy performance indicators and depicts the energy efficiency of the processes under consideration.

Source: https://www.erfurt.ihk.de/service/energie-und-umwelt

DIN EN ISO 50001

Systematically record energy consumption and make it more efficient: Since 2011, companies around the world have been using the standardised procedure of the ISO 50001 standard for this purpose. The main motivation for companies in this country is the reduction of energy costs and possible relief from energy taxes and energy surcharges.

The revision of ISO 50001 in 2018 results in new requirements for the establishment and operation of a certified energy management system. A three-year transition period begins with the publication. After that, the existing certificates according to ISO 50001:2011 will lose their validity. The new 50001 adopts the "High-Level Structure" (HLS). ISO 50001:2018 is intended to facilitate the introduction of integrated management systems.

QBRX has been officially certified by GUTcert for the Federal Office of Economics and Export Control and supports the DIN EN ISO 50001 standard.

Quelle: https://www.dekra.de/de

HEAVY POINTS

- **Adoption of the "High-Level Structure" (HLS):**
  Uniform terms, definitions and numbering of the standard chapters and thus high compatibility with other standards

- **Greater consideration of stakeholders:**
  Determination of the requirements of interested parties

- **Risk-based approach:**
  Addressing risks and opportunities in relation to the energy management system

- **Continuous improvement:**
  Recurring evidence of energy performance improvement

- **Emphasis on stronger management responsibility:**
  Stronger commitment to ensure the energy-related performance and effectiveness of the EnMS

- **Normalise energy performance indicators = EnPI and the associated energetic baselines = EnB:**
  Identify appropriate EnPIs that stand up to methodological scrutiny (this closes the circle to ISO 50006 and ISO 50015).

Reasons

Photo: https://www.freepik.com

.... for the introduction of an energy management system speak for:

- ✓ Permanent reduction of energy costs
- ✓ More cost-efficient production
- ✓ Relief from electricity and energy tax
- ✓ Active contribution to the environment
- ✓ Ecologically and economically sustainable production
- ✓ Contribution to the energy transition
- ✓ Every € saved is your net profit
- ✓ Energy management is promoted by law
- ✓ Transparency

ENERGY MANAGEMENT SYSTEM - YOUR IoT SERVICE DESK

Work smart

QBRX is a cloud-based platform that combines solutions for energy management and technical facility management as well as a selection of building control technology functions in one software.

In the IoT Service Desk QBRX, all your processes, units, facilities and devices are networked, organised and coordinated. The cloud software is therefore everything in one: analysis, service and organisation tool. With QBRX, fast, efficient and customisable digitalisation is just a few steps away.Translated with www.DeepL.com/Translator (free version)

As an IoT service desk, QBRX creates the link between data analysis, remote administration and workflow management and thus saves you superfluous interfaces.

With our many years of experience, we provide you with comprehensive support and advice on optimal energy controlling, the introduction of your suitable QBRX management system and the optimisation of your energy efficiency.

QBRX
Facilities
Alle Facilities
Vorführ AG
Energieverteilung Strom
Energieverteilung Erdgas
Karteausschnitt
Energieverbrauch Strom
Energieverbrauch Erdgas
Energiekosten Strom Gesamt
QBRX
TALKING FACILITIES

SIMPLE INTEGRATION & SIMPLE DATA HANDLING

One software. Diverse areas of application.

Put an end to individual systems for building control, facility management and energy management. QBRX combines everything on one platform and is a customised system for different user groups. Depending on what you are looking for and which approaches you are pursuing - we will support you.

We have been working with a wide variety of client groups for many years and we know exactly what matters in practice.

QBRX Facilities

Letzte 30 Tage

Alle Facilities

Facilities filtern...

Vorführ AG

BAFA - Einsparzähler

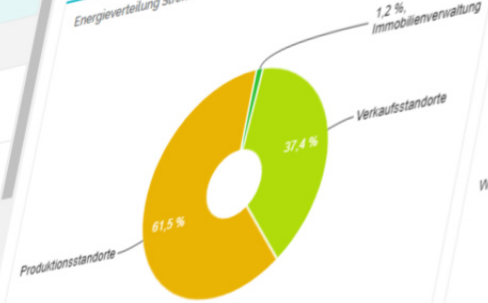
Immobilienverwaltung

Produktionsstandorte

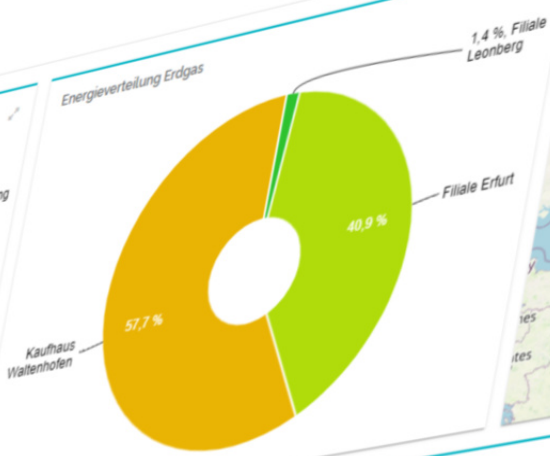
Verkaufsstandorte

Vorführ AG

Energieverteilung Strom



Energieverteilung Erdgas



Energieverbrauch Strom

	2016	2017	2018	2019	2020	Summe
Immobilienverwaltung	0 kWh	42,03 kWh	19 273,68 kWh	19 274,69 kWh	18 475,57 kWh	57 065,96 kWh
Produktionsstandorte	0 kWh	0 kWh	0 kWh	0 kWh	1 131 629,35 kWh	1 131 629,35 kWh
Verkaufsstandorte	567 863,4 kWh	568 197,66 kWh	569 674,19 kWh	569 271,74 kWh	549 040,16 kWh	2 824 047,16 kWh
Summe	**567 863,4 kWh**	**568 239,69 kWh**	**588 947,87 kWh**	**588 546,43 kWh**	**1 699 145,07 kWh**	

Energieverbrauch Erdgas

	2016	2017	2018	20
Produktionsstandorte	0 kWh	0 kWh	0 kWh	0 k
Verkaufsstandorte	1 040 147,11 kWh	1 040 817,45 kWh	1 034 849,01 kWh	1 036 09 k
Summe	**1 040 147,11 kWh**	**1 040 817,45 kWh**	**1 034 849,01 kWh**	**1 036 09 k**

Energiekosten Strom Gesamt

Jahr/Monat | Woche/Wochentag | Tag/Stunde

	2017	2018	2019	2020
	12 181,51 €	12 181,71 € 0,20 € (+0,0 %)	12 186,93 € 5,22 € (+0,0 %)	12 186,77 € -0,16 € (-0,0 %)
Januar	8 876,62 €	8 876,19 € -0,43 € (-0,0 %)	8 875,76 € -0,42 € (-0,0 %)	9 248,82 € 373,06 € (+4,2 %)
Februar	10 609,53 €	10 611,02 € 1,49 € (+0,0 %)	10 606,33 € -4,70 € (-0,0 %)	10 607,53 € 1,21 € (+0,0 %)

Energiekosten Erdgas Gesamt

Jahr/Monat | Woche/Wochentag | Tag/Stunde

	2017	2018
	13 277,33 €	13 276,85 € -0,48 € (-0,0 %)
Januar	7 316,88 €	7 316,37 € -0,51 € (-0,0 %)
Februar	5 196,48 €	5 198,74 € 2,26 € (+0,0 %)
März		

WITH IoT YOU MAKE BUILDINGS AND FACILITIES INTELLIGENT

Solutions

QBRX is an open and flexible system. We are not only concerned with technology and systems, but above all with the people who operate them.

We come from the real world and know what it looks like in reality. That's why we don't build our platform around data points. Instead, the structure of your projects is based on reality.

MODULAR

Modular and configurable service for different areas of application

IoT

Vendor-independent connectivity in the central IoT service desk

CLOUD

Ready to use and accessible from anywhere in the world

DATA ANALYTICS

Data analysis through intelligent algorithms helps to get more out of the data

CONSULTING

Experts advise on the sensible use of data

DEMO-ACCOUNT

Test QBRX yourself

WHAT CAN QBRX EVERYTHING PERFORMANCE?

Features

QBRX includes extensive analysis tools, reporting modules and allows the calculation of individual EnPIs. Ticket systems, document repositories and the possibility of remote parameterisation are also part of the functional scope.

In this way, the success of energy optimisation measures can be monitored and documented, further efficiency measures can be derived and energy management can be continuously improved. Start the workflow, keep an eye on everything and be alerted!

PROBLEM DETECTION

Be informed about failures and malfunctions at any time

DATA ANALYSIS

Calculate and visualise your data

TICKET SYSTEM

Organise tasks, maintenance and repairs

DOCUMENT MANAGEMENT

File documents on your sites, facilities and equipment

ENERGY MONITORING

Keep an overview and optimise your consumptions

REMOTE PARAMETER SETTING

Configure your devices and systems flexibly with QBRX

REPORTING

Generate reports with content over periods of time that you need

INVENTORY

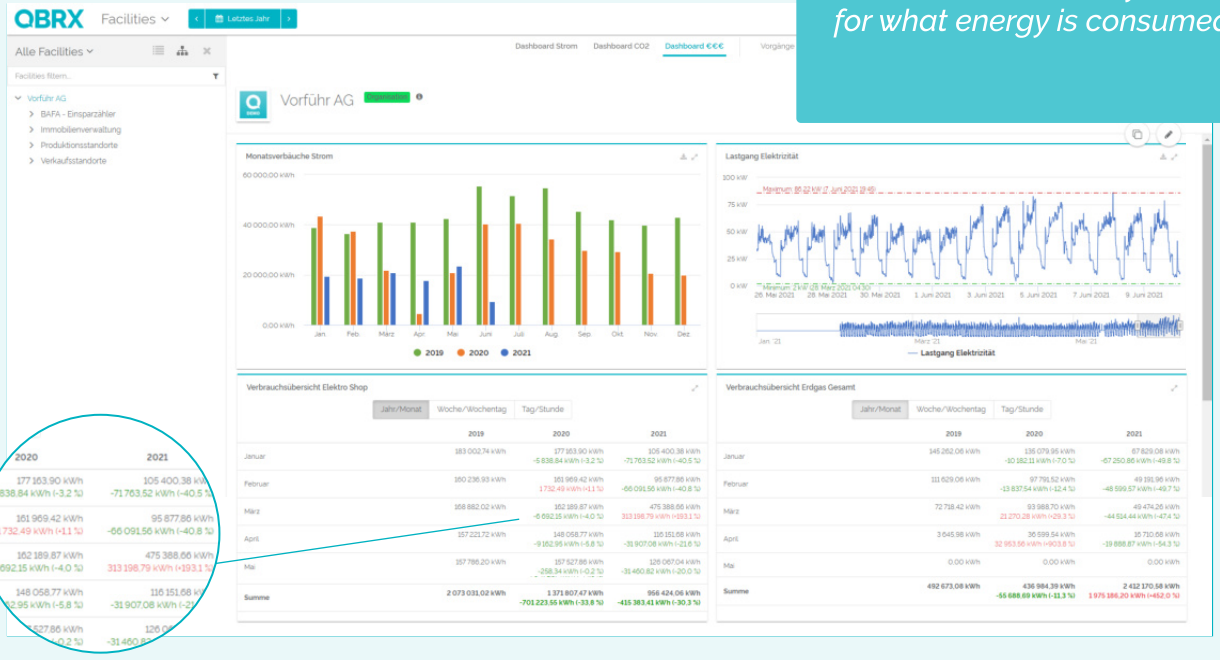
Devices and systems can also be managed without data in QBRX

KEEP EVERYTHING IN SIGHT

You have the possibility to customise your widgets on the facility dashboards. QBRX supports you effectively in the evaluation of your data. Whether desktop PC in the office or mobile on tablet and smartphone - QBRX informs you about all messages and processes in real time.

TRANSPARENCY CREATES EFFICIENCY

Energy consumption measurement that is transparent informs you about where, when, by whom and for what energy is consumed.



ABOUT THE CREATION OF QBRX

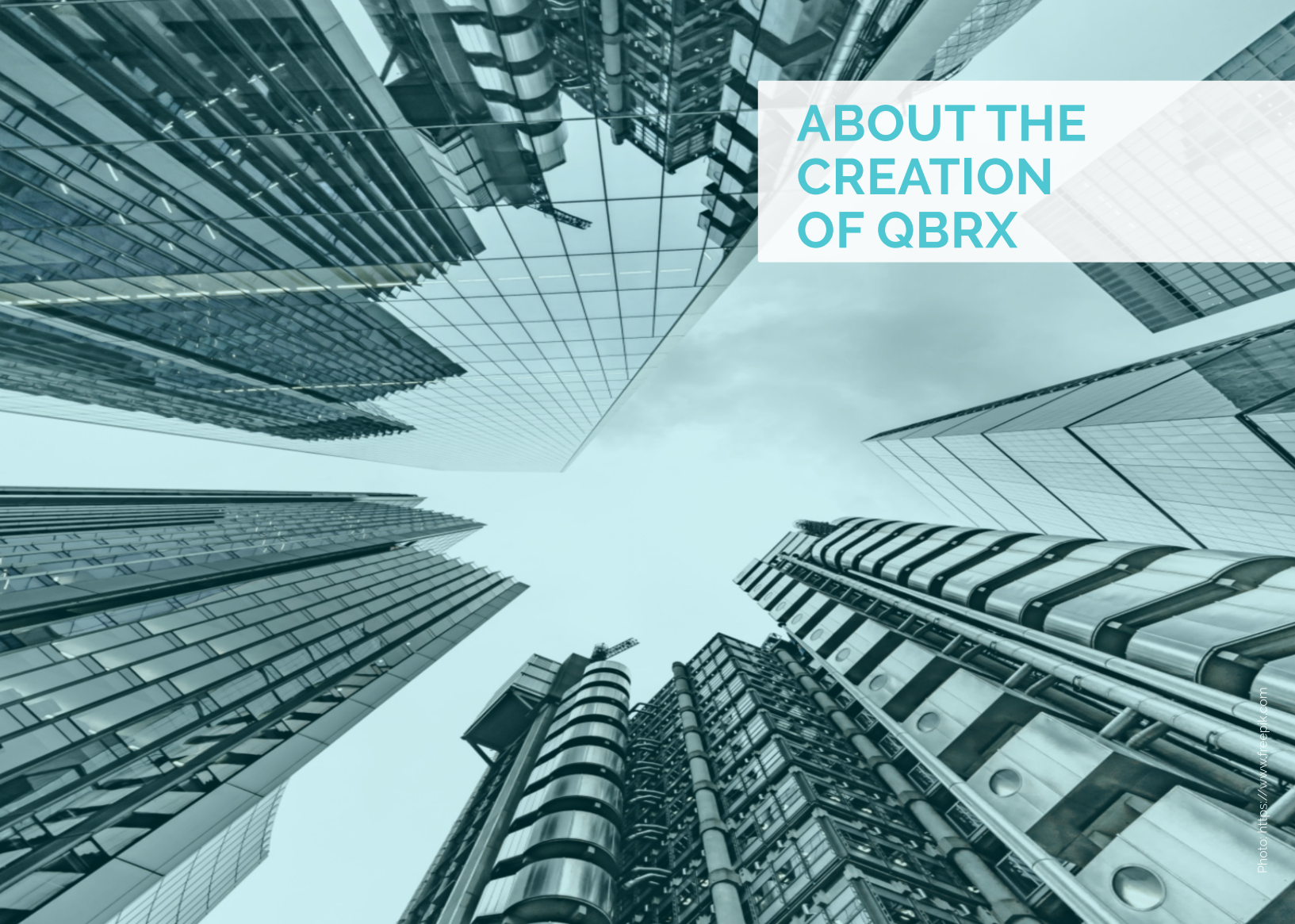


Photo: https://www.freepik.com

"It all started with an idea - the idea of talking to buildings and facilities."

The idea for QBRX came about through daily contact with customers. We are part of Hörburger AG, which offers comprehensive and individual IoT solutions in addition to QBRX. Whether intelligent building automation, control cabinet construction, retail facility management, energy management or machine automation. For the optimal implementation of our energy management projects, we needed a portal that would give us a good overview of all the sites we manage and at the same time support us with monitoring and maintenance, including service and a ticket system. We didn't want to settle for compromises and therefore began developing the IoT Service Desk QBRX in the summer of 2015.

As part of Hörburger AG, the QBRX team has therefore been busy for several years creating the optimal platform for the efficient setup and support of projects. This has greatly simplified the work of our project engineers and service staff. Over time, not only our platform and our team have grown, but also our wealth of experience. Since 2018, we have not only been using QBRX internally within the organisation, but also making it available to other companies as planned. So with QBRX as your IoT service desk, you can also implement your projects. Today, more than 3500 sites with 300,000 data points are registered in QBRX and you can also become a part of it.

TEST QBRX YOURSELF

Are you interested in what QBRX can do? Simply apply directly for your personal test account. Free of charge, of course.

QBRX
TALKING FACILITIES

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