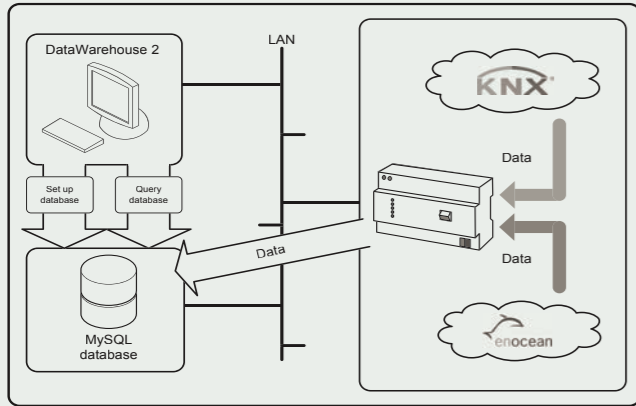


eibPort long-term data storage via MySQL

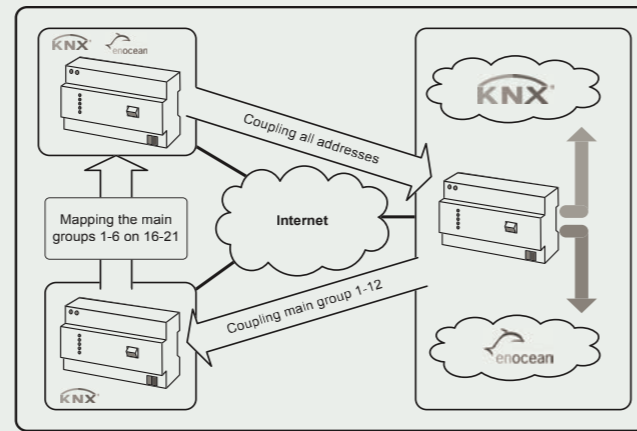


For optimization of functional buildings' energy consumption a long term data recording is unalterable. Additionally a monitoring of the complete telegram traffic is requested more and more. The eibPort device transfers all recorded data to a MySQL database. Using the «DataWarehouse 2» software the data is organised, queries are generated for individually defined periods and the data can be evaluated with Microsoft® Excel®.

eibPort functional

Currently the eibPort provides more than 32 integrated services (jobs). As the device can be updated it is possible to add new services any time. Due to this additional controllers become no longer necessary, so the eibPort can be budgeted nearly neutrally regarding the costs.

eibPort installation coupling



Coupling of separated sites via internet or two different networks is still a known issue. KNXnet/IP allows the coupling just within one network. An additional VPN tunnel has to be set up. Using the integrated installation-coupling job provided by eibPort two or even more devices can be connected across different networks without bigger configuration efforts. At coupling it can be selected if areas, lines or just single group addresses shall be coupled. Even the transformation of group addresses is possible. So address overlappings can be avoided.

eibPort many variants

Type LAN / KNX® / EnOcean®

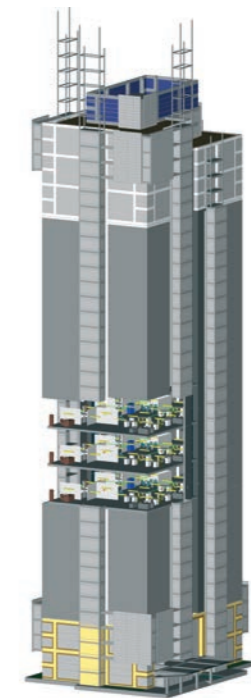


Type LAN / KNX®

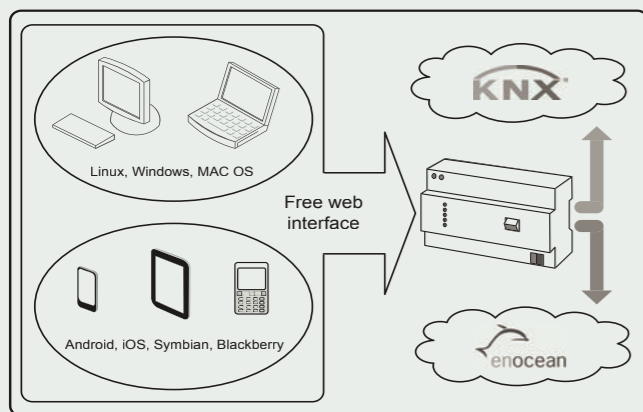


Also available as Powernet variant

eibPort in functional buildings



eibPort licence free visualization via web interface

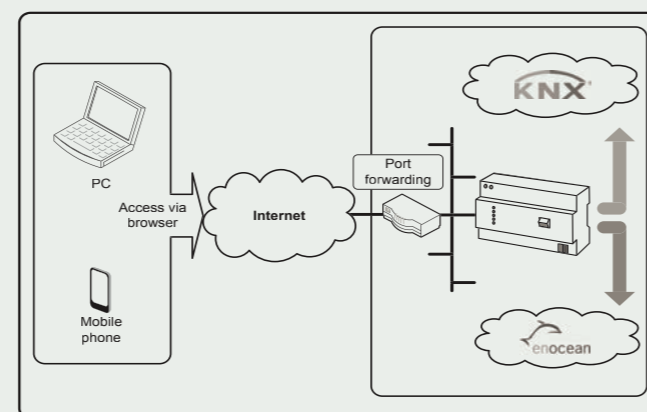


Visualization without licence fees or any additional software. At the visualization stations such as PC, mobile phone, Webpad etc. just a common browser has to be installed. So the visualization of your building is independent from the used operating system and device; it's ready for the future and can be used on different operational devices in parallel. So the identical visualization can be provided to the customer without high maintenance costs and/or outlays.

eibPort integrated services

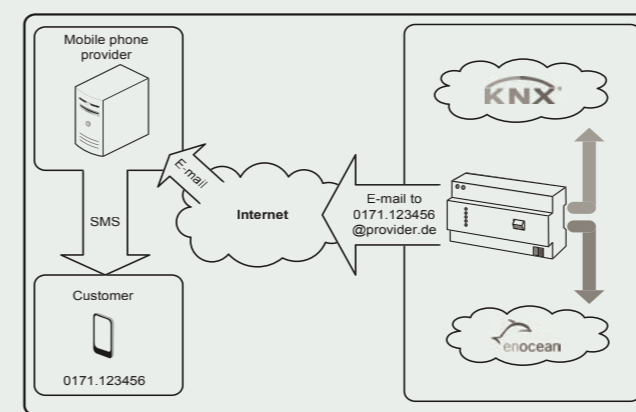
- Logical functions
- staircase functionality
- Delayer
- Light Scenes
- Hysteresis
- Trigger value
- Comparator
- Mathematics
- Counter
- Integrator
- Weekly time program
- Yearly time program
- Time / Date sender
- Astro time program

eibPort remote maintenance via PC or mobile phone



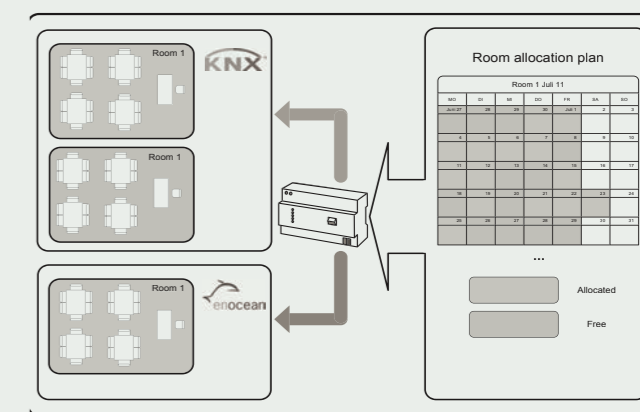
If a respective router configuration is set up the visualization can be called from anywhere around the world. Thanks to the Web interface nearly any device can be used therefore. Also the (remote) programming of the KNX® installation is no problem, the eibPort serves as KNXnet/IP Server. Costly visits at the customer become no longer necessary. This saves time and money.

eibPort error messaging via E-Mail (SMS)



Messaging and documentation of defined events and forwarding the information to the respective department should be part of any professional installation. eibPort provides an E-Mail- job which is triggered by events on KNX® or by any other services. Using value objects required measured values can be integrated into the messages; so the mailbox becomes a kind of error messaging documentation pool. Transformation of E-Mail into SMS is offered by any mobile communication provider these days.

eibPort occupancy planned in advance



For school buildings, seminary and conference centers and other facilities energy efficiency becomes more and more important. Therefore forward planning (Control R) as well as changes in operation are needed. eibPort provides a room occupancy module which serves as a simple to use configuration surface to plan occupancy for 24 months in advance. At the same time a simple to handle user interface allows to change settings manually when needed. So no longer unused rooms will be lighted or heated useless.