

EXPANDABLE

The OCTOBUS® board is like a real Octopus, able to expand and to explore a variety of possibilities and directions of application requirements.

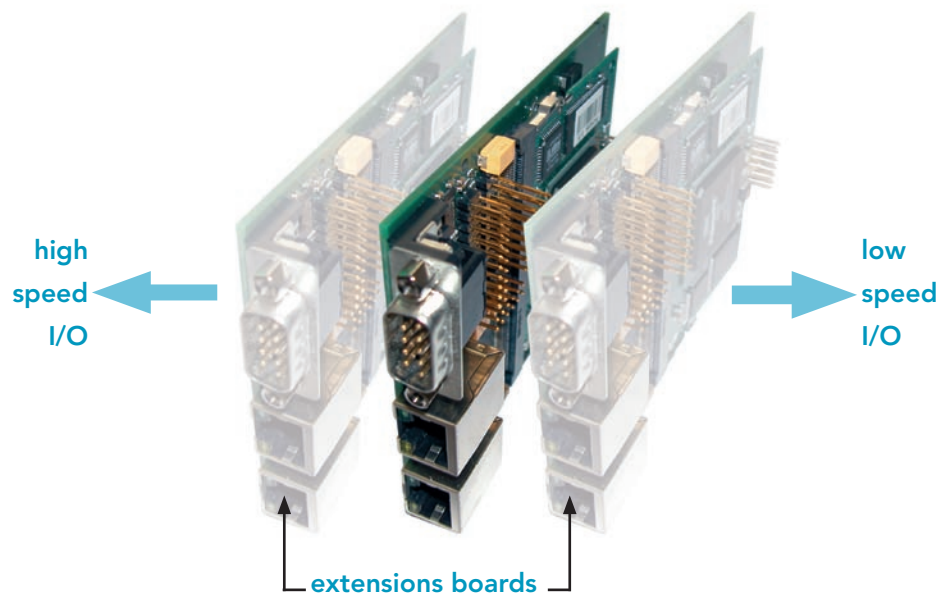
COMPANYPROFILE

we connect
technologies

haag.cc - is mainly active in Linux based software and hardware development. We have many years of experience in using GPL software and are constantly combining it with our customers' specific solutions. We help customers to understand the value of open source software and help them to use it efficiently. If you concern as to protect parts of your „linux“ project from GPL license, we can also help you there. Our team can take over a complete SW and HW development for you but our engineers can also assist your developers at taking first (and second) steps into a linux and open-source world.

Our hands-on training, technical-consulting, design and implementation experience can help you shorten time-to-market for your products.

The **OCTOBUS®** Board offers a wide range of application fields and gives you a quickstart in embedded linux development.



OCTOBUS® series

haag.cc is uniquely sensitive to the needs of industrial users of networking technology and offers pre-sales engineering assistance to its customers, helping in the design and specification of appropriate equipment for a wide range of applications.

haag.cc is active in following business fields:

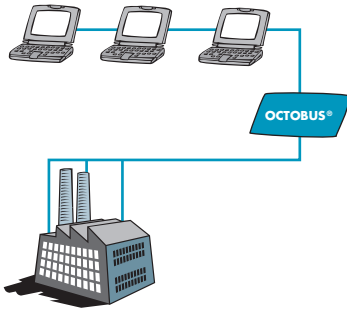
software development - user-space sw-development, kernel-space sw-development, network administration, security, database applications, ...

hardware development - we add or customize our products to your needs and build additional hardware to get connected with octobus

opensource development - we hope our opensource projects, like ecdk, will help the community.

We are your partner for specific solutions which are realized with opensource projects. We know that we have to give back parts of our work to the community otherwise the opensource community would die. All our GPL related activities are collected under open source.

Industrial Automation:



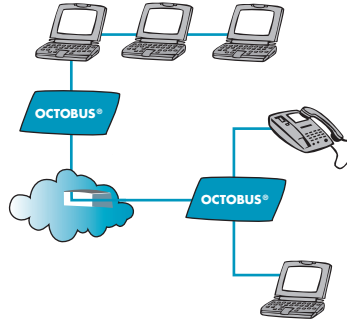
OCTOBUS® is able to combine different fieldbus systems (Profibus, CAN, P-NET FIP, etc.) and connects them also with the ethernet network.

With the modular design of the fieldbus interfaces multiple combinations of fieldbus gateways are possible.

Optimized to connect existing, stable fieldbus systems with newer technologies and visualization systems.

we connect different fieldbus systems...

Telecom:

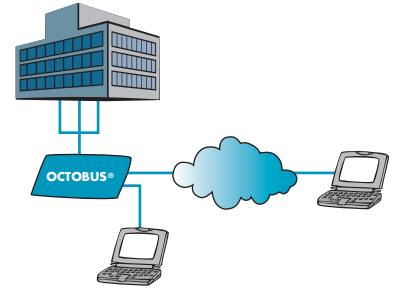


OCTOBUS® is able to handle VPN Connections through the insecure internet.

To act as universal VoIP gateway is also able as a CPE (Customer Premises Equipment) for POTS Devices or as Diskless Server Systems for different IT tasks like DNS, Firewall and Mailbox Services.

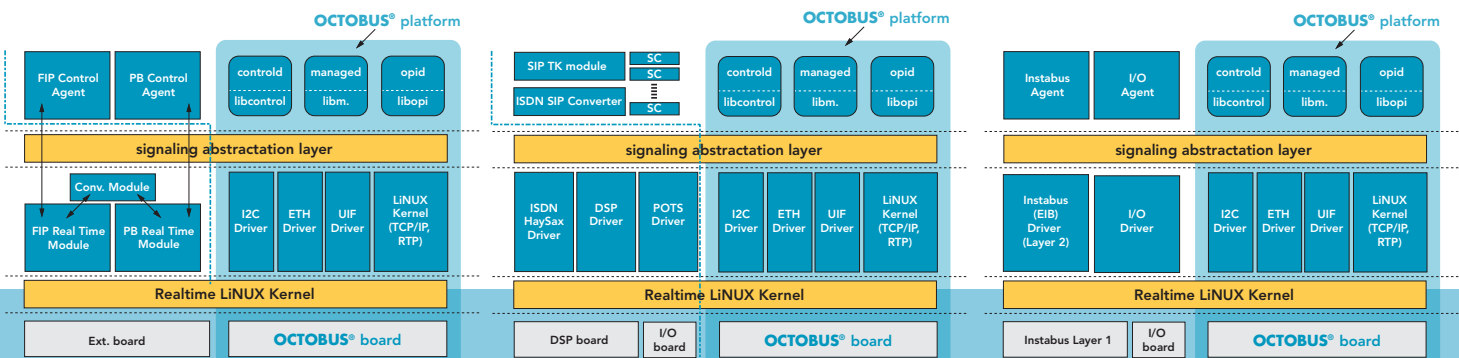
we connect telecom systems...

Building Automation:

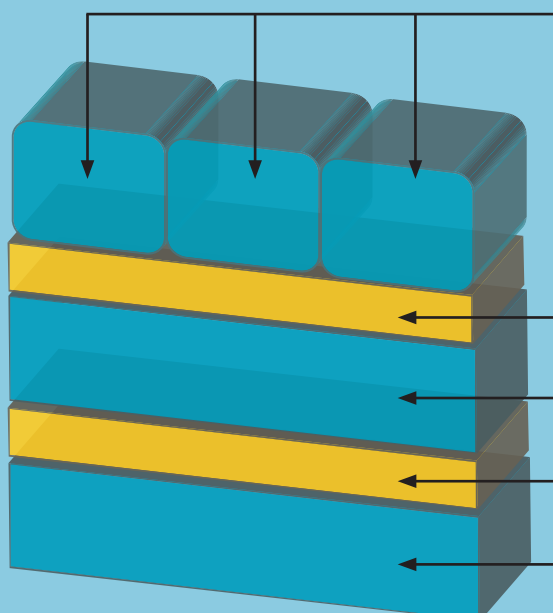


With the OCTOBUS® a flexible access to building automation is also possible as a remote control over different ip-based networks and media (Ethernet, GSM, WiFi, Bluetooth etc.). Optimized to connect customer specific devices to standardized communication or fieldbus systems.

we connect customer specific devices...



OCTOBUS® platform



USERSPACE

- **control daemon + libcontrol :**
CPU Watchdog
SW Monitoring Functions
- **managed daemon + libmanage:**
SNMP Management Daemon
- **opi daemon + libopi:**
webopi, serial OPI (Operator Interface)

signaling (PAL platform)

Kernelspace: Linux Kernel, Drivers

Realtime Micro Kernel

OCTOBUS® HW

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