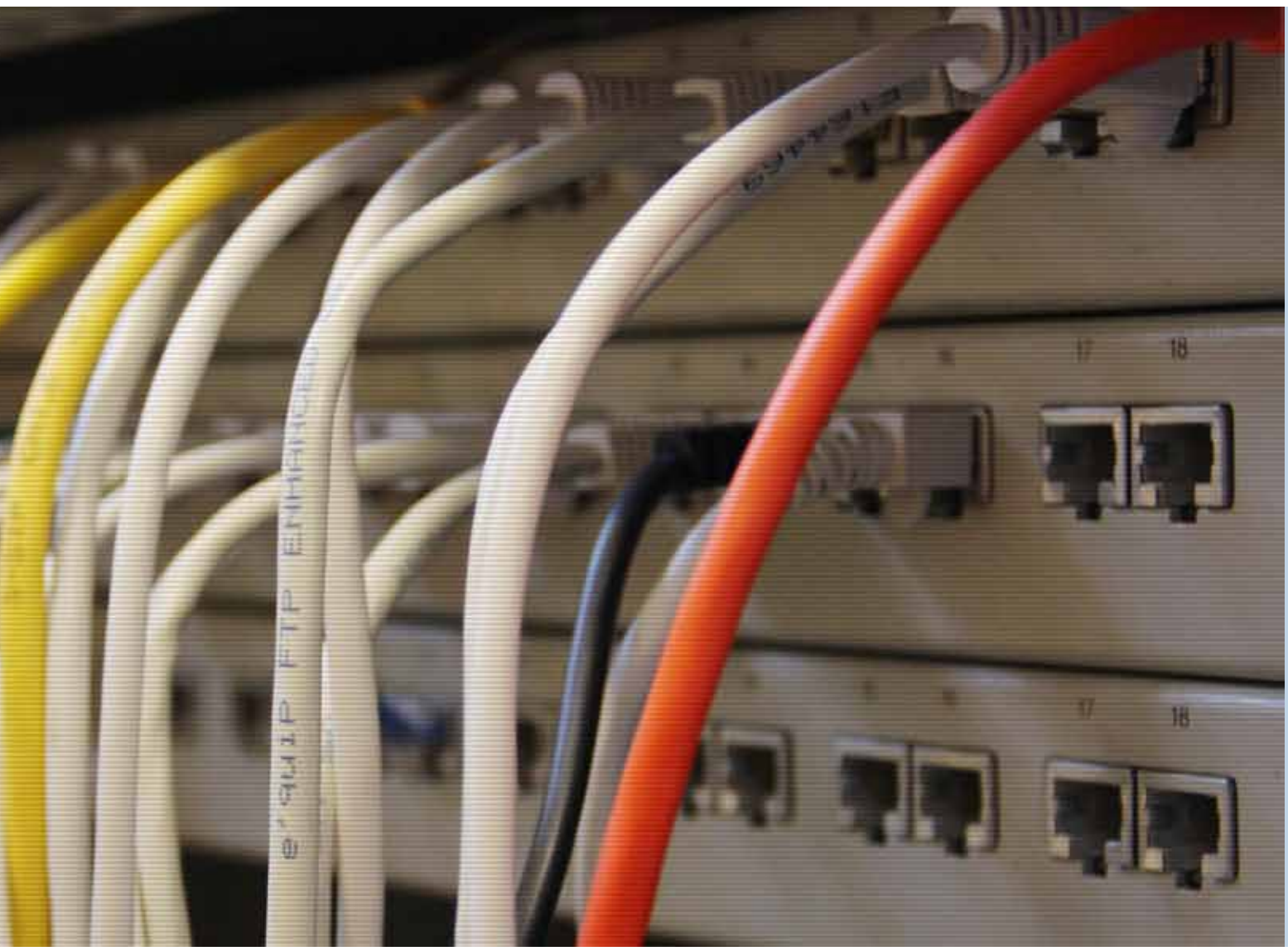
Dresden Informatik GmbH

di:ALog *link*

The ideal systems integration



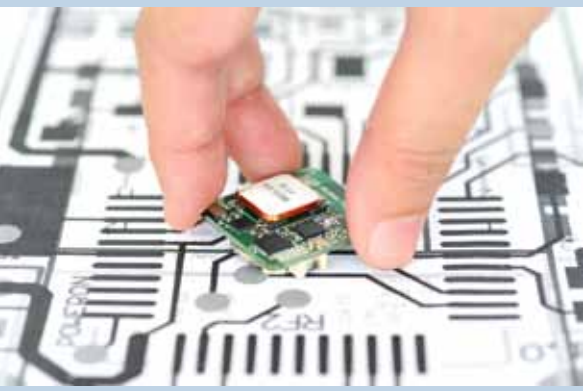
:establish connections

Standardized interfaces

Flexible and independent

Multiple platforms

:Create connections



di:*A*Log *link* by Dresden Informatik GmbH allows to integrate your systems components ideally into your IT infrastructure. Typical hardware components are e.g.:

- Auto-ID-technology as RFID, barcode scanners or cameras
- Sensor technology as light barriers, infrared cameras
- Controls as Siemens SIMATIC
- Printing technology
- Systems of third-party manufacturers

Standardized interfaces to

- Hardware components of hardware suppliers as Siemens, Beckhoff, deister electronic, FEIG Electronic, Hans Turck or Leuze electronic
- ERP systems as e.g. SAP, Microsoft, Infor or Oracle
- Warehouse management systems of different manufacturers

Multiple Platforms:

- Mobile device types like Zebra, Honeywell or Datalogic
- Cloud or PC-technology / servers
- Smartphones (Android / iOS)

Optimal data processing

- Simple adaption to customer specific processes by integrated rule-engine
- Data compression to relevant information by intelligent filters

Flexible and independent

- Universal device managers enable the control of various hardware components
- Systems communication in real time
- Unlimited scalability by distribution of particular di:ALog link modules in the network or cloud
- Permanent visualization of the respective current device status
- System enhancement by new hardware components possible during operation

:Internet of things/Industry 4.0

Internet of things

In Internet of Things, all involved objects receive an own identity. They can register conditions, perform actions and exchange information.

Transport unities are able to find their way independently. The data storage of the transport units contains all relevant logistic information, including priorities. Decisions are made based on locally analyzed information.

Industry 4.0

Aim of Industry 4.0 is the intelligent factory. It combines the advantages of the mass production with the requirements of the single-piece production.

Men, machines, facilities, logistics and products cooperate and communicate to each other. Production and logistics processes are getting cross-enterprise linked.

Technological basics are the Internet of Things and cyber physical systems.

di:*A*Log *link* offers the possibility to enlarge systems to the Internet of Things and hence is premise for Industry 4.0.

di:*A*Log *link* integrates hardware, which

- enables the event driven process control by real time processing
- supports the decentral keeping of specific data directly at the object,
- embeds Auto-ID-technology as RFID,
- allows the automatic communication of diverse objects based on environmental events

Dresden Informatik GmbH

:Comprehensive solution from one source

Our supply and service range comprises software, hardware, modules and complex systems for the optimization of any material and goods flows within the company as well as consulting and project management. Certified interfaces set stable connections to SAP or other ERP systems.

Dresden Informatik Advanced Logistics Suite

di:*A*Log *warehouse*	- the innovative warehouse management
di:*A*Log *material flow*	- the material flow controller
di:*A*Log *yard*	- the yard management system
di:*A*Log *automation*	- automation in the warehouse
di:*A*Log *track&trace*	- package and goods tracking
di:*A*Log *kanban*	- the modular eKANBAN solution
di:*A*Log *link*	- the intelligent IoT-Middleware
di:*A*Log *mobile*	- the mobile data capture

Hardware

Barcode technology
RFID technology
Mobile data capture devices
PCs and server applicable for industry
Network and WLAN technology
Warehouse and tracking technology
Specialized solution

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