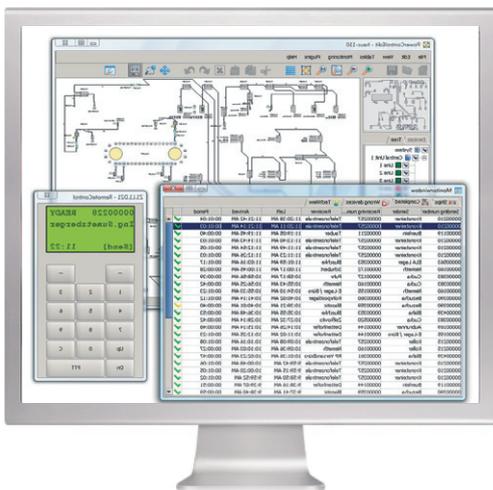


POWER CONTROL

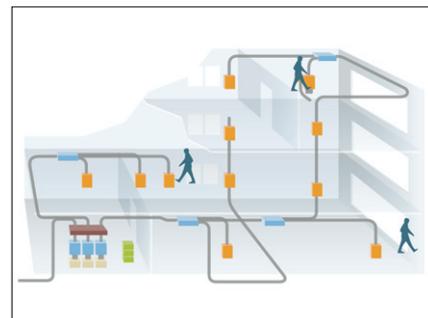
THE INNOVATIVE CENTRAL UNIT WITH VISUALISATION SOFTWARE FOR PNEUMATIC TUBE SYSTEMS



- ▶ **Reliability and usability** by advanced remote management and controlling
- ▶ **Increased operational efficiency** by carrier tracking solution
- ▶ **Efficient carrier management** by intelligent RFID technology
- ▶ **Safer transport of sensitive loads** by individually variable speed technology
- ▶ **More efficiency and capacity** by integration and implementation of the latest technologies



Extensive monitoring and visualisation software



With Power Control Sumetzberger offers a forward-looking approach, that allows the realization of superior pneumatic tube systems solutions. Whether when transporting confidential materials, managing empty carriers, generating the system's documentation or recording transfers, Sumetzberger offers the highest degree of safety, reliability and comfort in every respect.

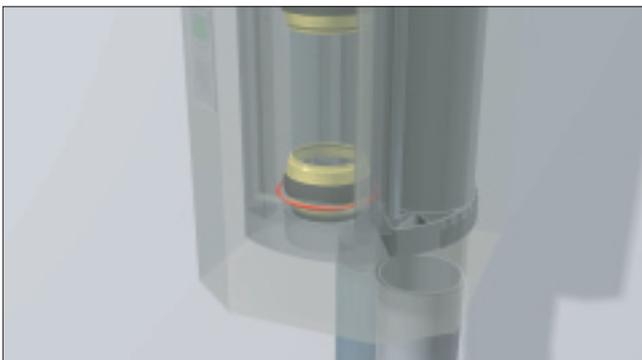
CARRIER TRACKING

Ensuring delivery on time is crucial in many applications in transport of sensitive or hazardous loads like blood bags or drugs. Therefore it is important not only to guarantee safe transport but also to monitor and track each carrier. Power Control ensures complete traceability of each transfer. By means of ID cards and PIN codes the access to the pneumatic tube system can optionally be limited to authorized persons. This feature protects the system from misuse.

Sumetzberger carrier tracking technology complies fully with European Blood Directive 2002/98/EC.

CARRIER MANAGEMENT

Sophisticated RFID-technology saves staff time and improved system maintenance. Each carrier is assigned to a station. Empty carriers are sent back to their home addresses immediately via direct route, assuring that enough carriers are available at each station, especially during peak times. It is even possible to re-direct empty carrier for maintenance. Carriers, which have exceeded the pre-allocated distance limit, are sent automatically to a station for being checked.



Detection of carrier RFID in dispatch magazin

TRANSFER CAPACITY

The growing quality and performance pressure leads to an increasing demand for efficient solutions, capable of processing large amounts of carriers even during peak times. Sumetzberger's Multi Carrier Transport more than complies with the high safety and frequency standards: Several carriers can be transported through one line simultaneously with minimal space and equipment requirements.

INTEGRATION OF THE LATEST TECHNOLOGY

As technology leader Sumetzberger sets continuously advances and innovations in transport and related possibilities to increase efficiency and capacity. Power Control enables integration of these into existing or new systems. This includes not only high capacity or auto-unloading solutions, but also the upgrade of existing system components, even of other manufacturer systems.

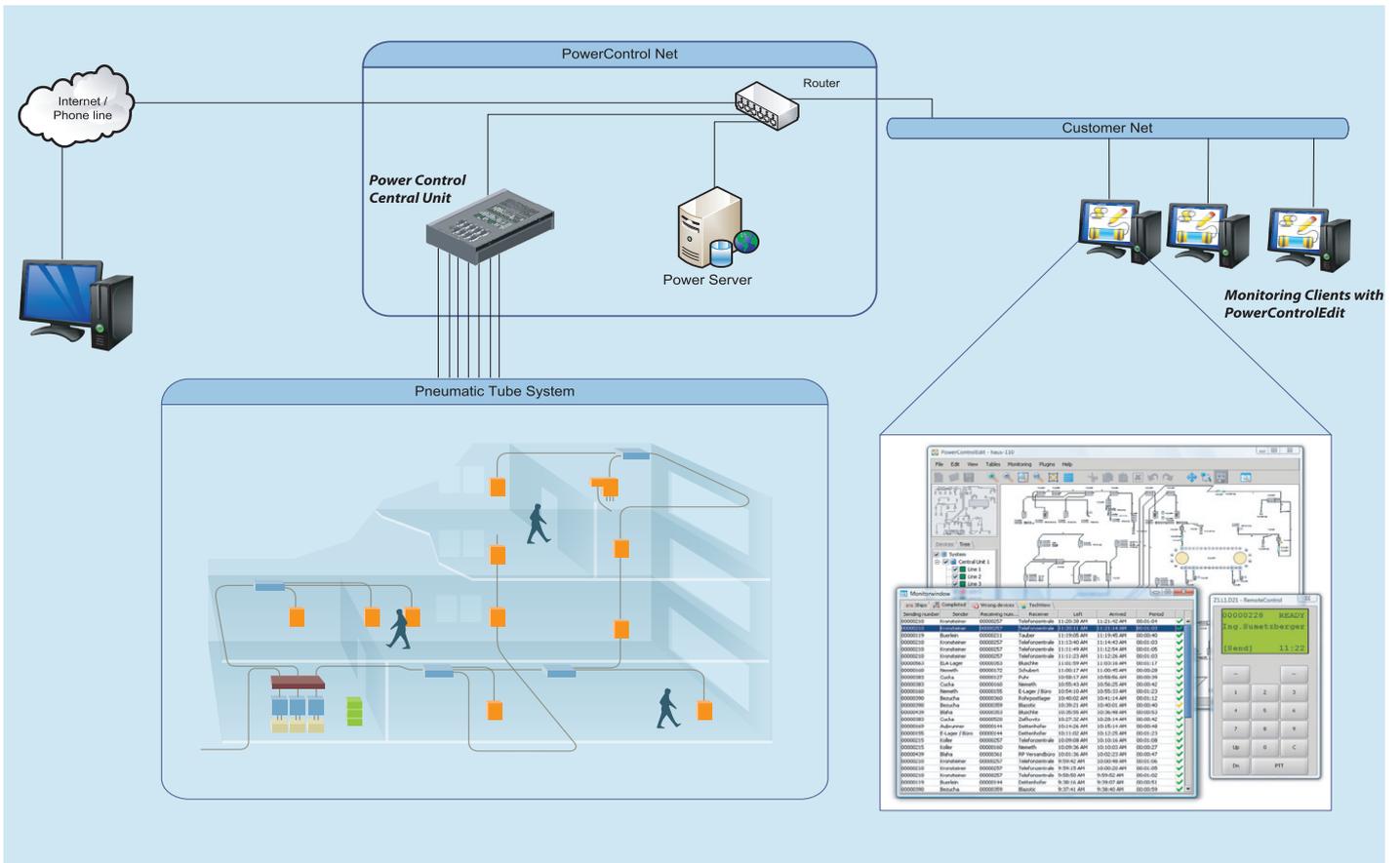
VARIABLE SPEED TECHNOLOGY

The Section Speed Control enables individually adjustable power setting for each section of the system. Sensitive items are transported gently at lower speed, while empty carriers are sent at faster speeds. This ensures optimal system performance.

ADVANCED FUNCTIONALITY

The enlarged station display provides accurate, easy-to-understand information to users. Extensive data like self-explaining user instruction, name, system status and clock can be displayed in each and every language.

SYSTEM ARCHITECTURE



DESIGN & CONFIGURATION

PowerControlEdit is the editor, monitoring and visualization software for Power Control systems. It has been designed very user-oriented, providing highly developed functionalities.

Authorized users and system administrators are able to design and configure a Power Control based system in a user-friendly way. That's why there is no need to draw schematics in a separate CAD software. The files can be exported to third party software products (e.g. PDF).

Configurations at stations and in the name table can be set and changed quickly.

VISUALISATION & MONITORING

PowerControlEdit provides real-time monitoring and tracking of all transfers at a glance. Moreover all processes in the system are recorded and analyzed in detail.

For better servicing and maintenance, remote control function for all stations in real-time is provided as well.

CONTROLLING & SERVICING

The high-performance central unit offers state-of-the-art technology in controlling and servicing. The powerful hardware and software features and the clear system architecture ensure a maximum of reliability and stability.

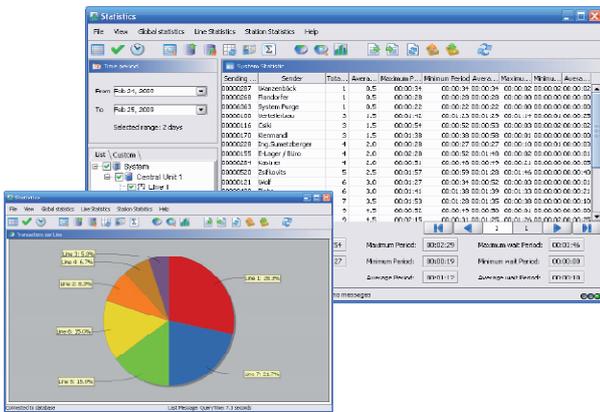
Power Control network works even if the customer network has problems. Authorized people can get simultaneously access to the system via LAN or Internet, irrespective of location.

For advanced functionality Sumetzberger offers a range of additional plug-in installations, according to customer's requirements.

STATISTICS

Detailed statistics provide information on each station, user, carrier and transfer. History and evaluation software delivers a complete report of system transfer and analyses trends in system's performance.

By means of customized tables, charts and time periods, a decisive basis for optimising the effectiveness of the system can be generated.



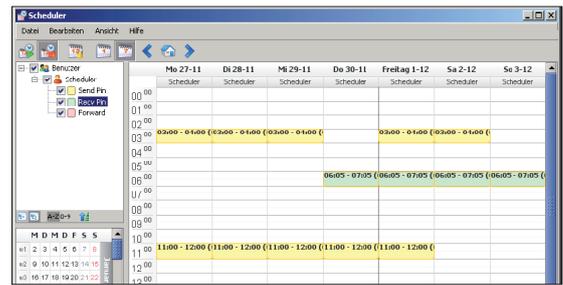
STATISTICS provides detailed history and evaluation

MESSAGE

Immediate event notification for users and engineering staff is provided by the Message plug-in. When receiving a carrier, the addressed user is informed by E-mail and in case of a failure in the system the technician is informed.

SCHEDULER

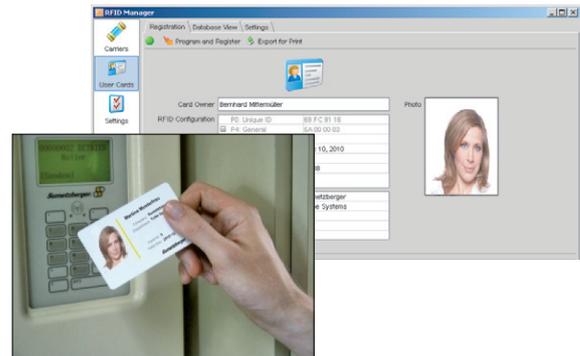
Professional task and time management is offered by the Scheduler plug-in. PIN codes as well as forwards to other station and fixed targets are set and graphically depicted in the program and operated by the system. Moreover the advanced calendar module offers a precise, flexible time scheduling.



SCHEDULER manages tasks

RFID MANAGER

The access to the pneumatic tube system can be limited to authorized persons. If required the system accepts only carriers, which are equipped with RFID tags and ID cards. This protects the system from misuse. With the RFID Manager the independent allocation of authorized users can be administrated.



User identification by ID card

Ing. Sumetzberger GMBH

A-1110 Vienna, Austria Leberstr.108, Tel.++43/1/740 35 0, Fax ++43/1/740 35 300

E-mail: pt.sales@sumetzberger.at, Internet: www.sumetzberger.at

... plus more than 46 dealerships worldwide.

