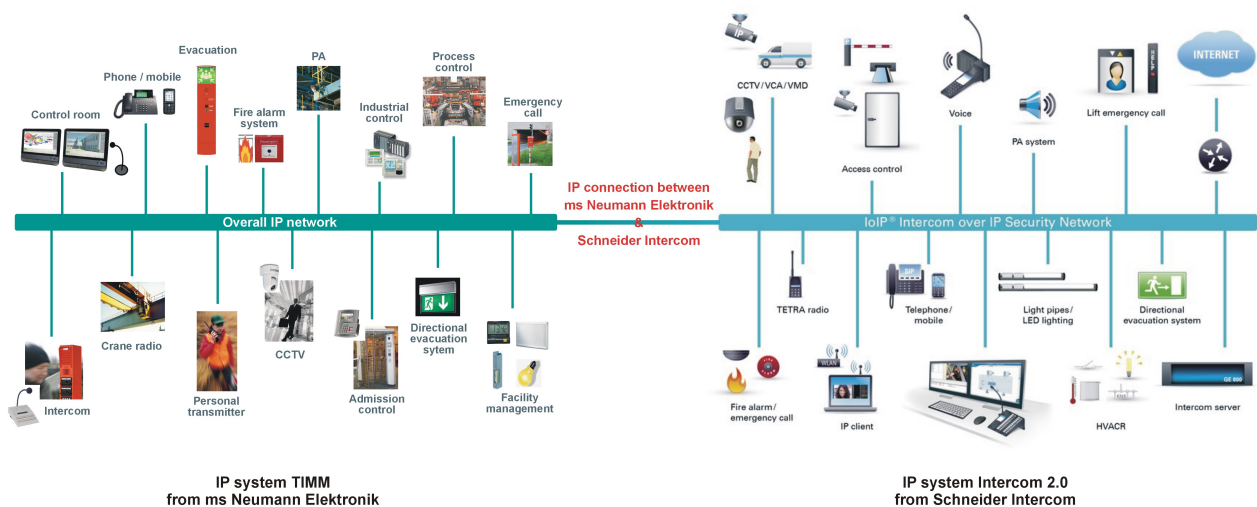


## Newsletter 2011-1

### Communication connects: IP connection between ms Neumann Elektronik & Schneider Intercom

A world of new possibilities is created by the **connection of the IP-based intercom systems from ms Neumann Elektronik and Schneider Intercom**. So the customer can exploit the **advantages of both systems in one combined system**.

Together with Schneider Intercom we have succeeded in establishing an **IP connection** between the two systems **TIMM** from ms Neumann Elektronik and **Intercom 2.0** from Schneider Intercom via the **overall IP network**.



A lot of **new communication possibilities** are created by this IP connection between the two systems. And everything **via one common network**.

So, **intercom connections** will be established between call stations from ms Neumann Elektronik (e.g. digital desktop call stations, weather-proof call stations, explosion-proof call stations etc.) and call stations from Schneider Intercom (e.g. clean room call stations, call stations with TFT- or LC- display as well as with video camera, vandal-resistant call stations etc.)

In the field of **Public Address (PA)**, now connections between call stations from Schneider Intercom and PA components from ms Neumann Elektronik are also implementable. For example, you can make public announcements in industrial areas via our PA system originating from a call station from Schneider Intercom.

Also in the field of **telephony, new communication paths** arise. Connections between call stations from Schneider Intercom and telephone subscribers in the TIMM system are also feasible thanks to the new IP connection.

Additionally, **control functions** can be performed arbitrary **from both systems** (e.g. triggering contacts, flashing lights etc.)

Furthermore, **fault messages can be transmitted** between both systems to display them in this or that system or to activate suitable actions. For example, a fault message from Schneider Intercom will be saved as a record in the SNMP-MIP in the TIMM system.

#### **New functions at a glance:**

- Intercom connections between call stations from ms Neumann Elektronik and Schneider Intercom
- Public announcements by our PA components originating by a call station from Schneider Intercom
- Connections between call stations from Schneider Intercom and telephone subscribers in TIMM
- Control functions beyond one system
- Transmission of fault messages with display in both systems

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## **Reminder**

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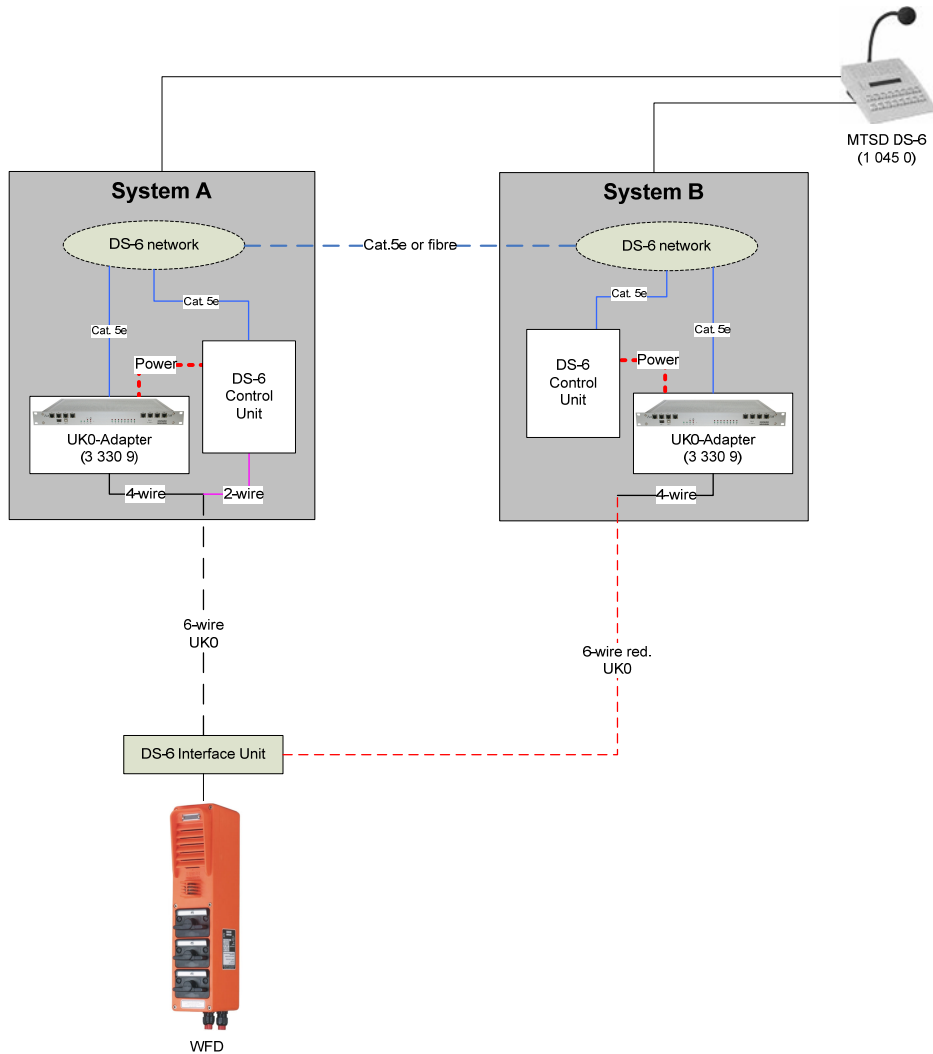
### **Highest security level: redundant connection of digital outdoor call stations**

In the field of DS-6, **digital outdoor call stations (WFD)** from ms Neumann Elektronik can also be connected **redundantly via two separate systems** to meet **highest safety requirements**. If one system fails, the other one will take over all the functions. And this even in **explosion-proof areas**.

The whole system is **designed redundantly** (system A and system B). In both systems are each one **U<sub>K0</sub>-Adapter** (Art.-No. 3 330 9) for the connection of the digital outdoor call station and one **DS-6 Control Unit** for monitoring and controlling.

The digital outdoor call station is connected **redundantly to both U<sub>K0</sub>-Adapters** by a **DS-6 Interface Unit**. In the main system (system A), the call station is also connected to the DS-6 Control Unit by a 2-wire cable. This connection is unnecessary in the redundant system (system B). But it is recommended to use a 6-wire cable on both sides. Additionally, the digital indoor call station MTSD DS-6 (Art.-No. 1 045 0) is connected redundantly to both systems.

The two **DS-6 Control Units monitor both systems**. If system A fails, the DS-6 Control Unit switches from system A to B in this network. In system B the **DS-6 Control Unit is responsible for activating** the U<sub>K0</sub>-Adapter. This is switched off if the system operates faultless. If system A fails, the U<sub>K0</sub>-Adapter in system B will be switched on by the DS-6 Control Unit and it takes over the functions from system A.



**Features:**

- Monitoring of the lines from UK<sub>0</sub>-Adapter to WFD
- Monitoring of the network activity of the WFD
- Monitoring of the supply current of the UK<sub>0</sub>-Adapter
- Monitoring of protocol failures even if the lines are ok
- Reporting of fault messages and switching to the redundant system for a faultless operation
- Monitoring of the other DS-6 Control Unit

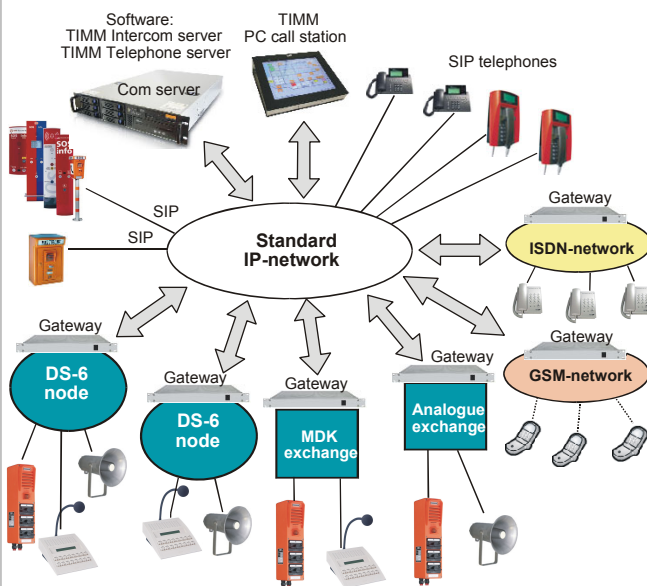
Yours sincerely

Nicole Staubes  
Marketing Manager

## Training courses January to June 2011 Innovative systems

**“TIMM“, our communication system for common IP networks with a focus on intercom, public address, alarm, emergency call and video technology with central monitoring via communication server.**

**“TIMM“ IP network system with our focus**



### Our topics:

#### Information sessions

- Advantages of our new IP solutions
- Advantages of the decentralized over the centralized communication technology; no “single point of failure”
- Migration of existing analogue intercom/PA systems and investment protection of existing intercom/PA end devices
- Using standards for investment protection
- Our communication solutions according to EN 60849 and DIN 0833.4
- Simple solutions for complex alarm control
- Our new software based IP network transmission technology for combination of different subsections like intercom, telephone, PA, video and emergency systems
- Demonstration of applications

#### Dates:

11. January 2011	05. April 2011
08. February 2011	10. May 2011
15. March 2011	07. June 2011

**Free attendance**

### TIMM and DS-6 training Courses

- An introduction to network technology
- An introduction to centralized IP system technology in standardized transmission networks (TIMM)
- An introduction to local IP system technology (DS-6)
- Presentation of a DS-6 demo system including practical examples for intercom, public address, alarm and telephone connections
- Connection diagrams
- Examples of systems, based on existing systems
- An introduction to the “DS-6 Config” configuration program
- Exercise course: How to configure a demo system using “DS-6 Config”
- How to use the monitor program for locating errors

#### Two-day training courses:

18. January 2011	to	19. January 2011
15. February 2011	to	16. February 2011
22. March 2011	to	23. March 2011
12. April 2011	to	13. April 2011
17. May 2011	to	18. May 2011
15. June 2011	to	16. June 2011

**Training charges:** by request

#### All seminars will be held at:

: ms Neumann Elektronik GmbH  
Lahnstr. 30  
45478 Mülheim an der Ruhr

#### Trainers:

Bernhard Ripholz  
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**“DS-6“, our decentralized communication system for intercom, PA and general alarm according to VDE 0828 and EN 60849 (electro acoustic emergency warning systems), according to DIN 0833.4 (hazard alert system) and EN 54 part 16 (voice alarm centres).**

