



Industrieelektronik - Nachrichtentechnik - Systemtechnik

Digital Communication Solutions

for Command & Control Centres



Product presentation

Radio Systems

The communication server makes the connection between the endpoints such as

- Intercom station to transmitter A
- Monitoring unit to receiver B, D, ...

In addition the communication server reports the condition of the individual radio station.

Communication Server



Switching Server

The switching server processes all data from the communication server such as

- assignment of the Intercom station to the transmitter/receiver
- assignment of the monitoring system to the transmitter
- status check



The client machine is the interface between user and switching server. It provides the graphical user interface for communication.

Client Communication



Touch Screen

The touch screen includes the graphical user interface and is operated via touch application.



Client Application

For displaying individual applications, 4-8 display units can be used, such as for weather data, marine communications, status indications or the like.

IPFU The IP radio interface connection provides for connection between radio stations and intercom stations via an Ethernet system.



System Cabinet



VoIP-Voice Recording

Voice recording is done by using a 19" voice-recorder as basic version with up to 19 channels.



Touch Screen Operator Unit

The Touch Screen Operator Unit (TSBG) is intended for universal use in control centres. A plug-in or a desk variant is available. The TSBG can be connected to the integrated digital SWITCH (IDSW) via analogue or digital interfaces or directly to radio systems.



Headset

The headset provides the opportunity of a cordless voice communication to the Interface station. Push To Talk (PTT) is done by a handheld transmitter.



SIP-Loudspeakers for RoIP

The SIP loudspeakers are designed as call, control and monitoring device. It can operate both as point-to-point and in a greater Intercom station association with a radio transmitter exchange.



Foot-operated transmit switch

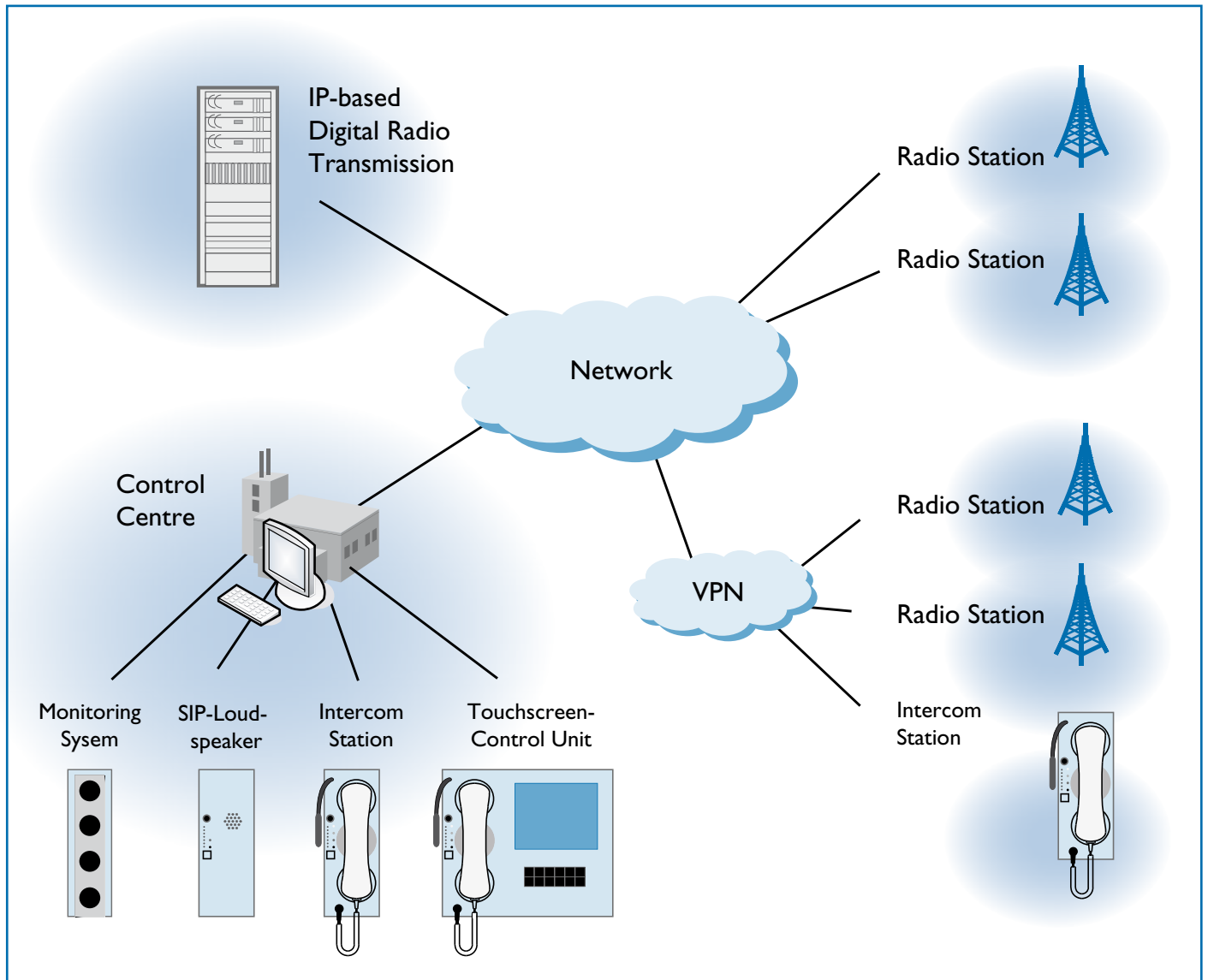
- For connection to stationary conference units in control centres and in radio centres. This provides the user with enhanced mobility and thus better convenience at work.

SPAN

The Intercom Station Console is a simple communication terminal with handset, loudspeaker and microphone.



System Structure (example)



The system example represents a typical application for a single control centre with external radio stations, whether it be for fire-fighting, marine or general interests of public order and safety.

This presented application made by Schnoor Industrielektronik stands for the right strategic direction of your IP-based communication infrastructure.

It goes well beyond normal voice communication and integrates fluently into data control that is still limited to Audio, whether by means of FSK, FFSK or 5-tone sequences.