

## Data centre Cologne

### Location and Details

- **Cologne, Germany**
- False Floor
- Automatic Alarm
- Fire alarm system with direct binding to the fire-brigade
- Argon gas fire extinguishing system
- Video monitoring
- Diesel generators 500,000 VA/3000 liters tank
- Redundant glass fiber network
- USV: 450,000 VA
- Efficient air condition technology (8 redundant air conditioners)
- Binding to 6.5 GBit/s

### Fire Alarm System

If by the fire alarm system an early warning is released, the air conditioning system is switched off automatically in order to prevent a further supply of oxygen. The smoke arrives at the optical smoke detectors of the fire alarm system and activates the main alarm.

### Argon Gas Fire Extinguishing System

With a main alarm the area concerned with the argon gas is flooded. This gas extracts the fire energy from the fire and is innocuous for humans and servers.



## Electrical Power Supply

No-break electronically power supply with accumulators and diesel generator. The accumulators supply energy on a power failure until the diesel sets of the company MAN are started and taken over the load.

- Supply over the Rhine energy AG
- 500,000 VA oil-insulated transformer
- USV Diesel installation
- Switching time: 0.00 seconds
- Fuel supply for approx. 24 hours with full load (2 x of 2,000 liters of Diesel)
- Constant monitoring of the installation by EDP

