Computer Rooms and Control Rooms

Typical application examples
Control rooms, server rooms, telecommunication switch areas

Description of the risk
Solid fires (class A), e.g. electric cables, electrical devices, switch cabinets

Possible protection targets
Fire control and suppression

Important effects
Fighting the initial fire
Cooling the surroundings
Limiting the spread of the fire

System layout
Wet or pre-action system (glass bulb nozzles) and deluge system (open nozzle)
The deluge system should be activated as early as possible.
The following minimum parameters must be taken into account in the design:
- Criteria for nozzle installation (height, protected area)
- Total effective area (presumed area of operation according to hazard classification)
- Type and flow rate of the nozzle
- Minimum pressure at the nozzle

Proof of efficiency
For example application-related fire tests or according to IMO A800