Case Study	**TELECOMMUNICATIONS AND IT EQUIPMENT**
Reference companies/ states	➢ Slovenia ➢ Russia ➢ Croatia ➢ BIH ➢ Denmark
Areas of installation	➢ **GSM stations** ➢ **Server rooms** ➢ **Communication cabinets**
Implemented solutions	➢ Self-Activated Fire Extinguishing Ampoule BONPET

Self-Activated Fire Extinguishing Ampoule BONPET - Fire Safety for your Home and Business

Ampoule is the most effective product for extinguishing a fire in small and indoor areas without being constantly present and a fire extinguishing product with an aesthetic appearance. Indispensable everywhere you assume that the temperature will rise rapidly, when the fire starts (ceiling or closed wall to the potential location for a fire).

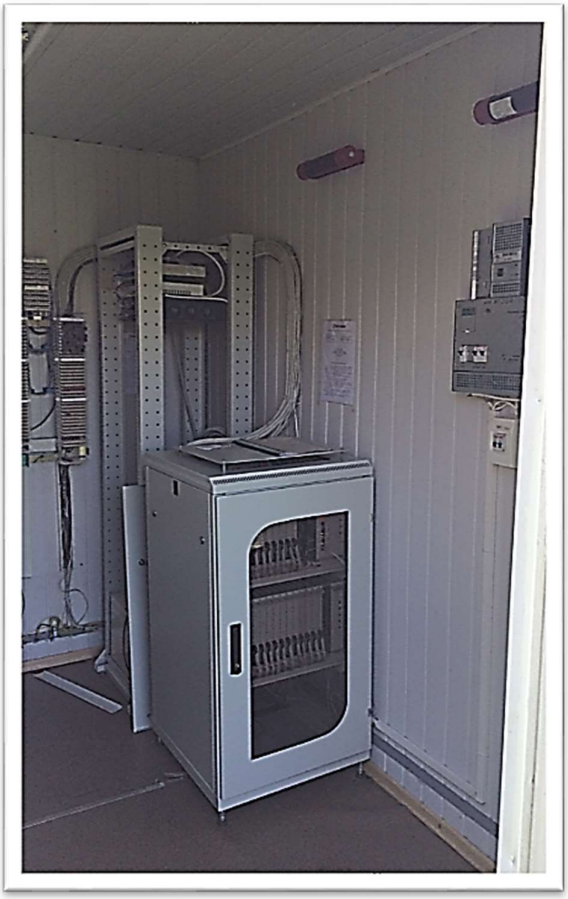
The best effect for extinguishing fires of class A, is when the ampoule covers approximately 8m3 of an area. Suitable for extinguishing fires of classes A, B and F. It has a 10-year product life expectancy and 10-year warranty with no need for maintenance.

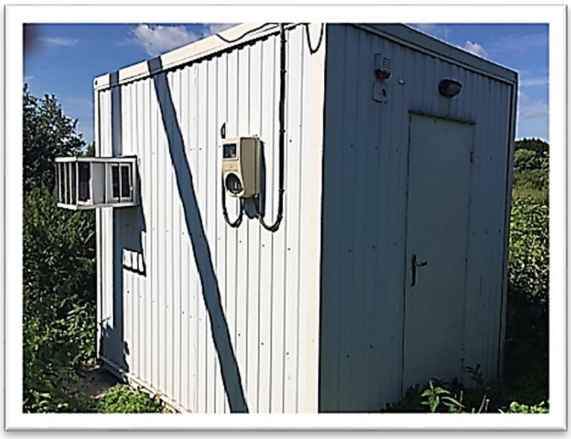
No false alarms, without additional damage and it is human and environment friendly (no halons).

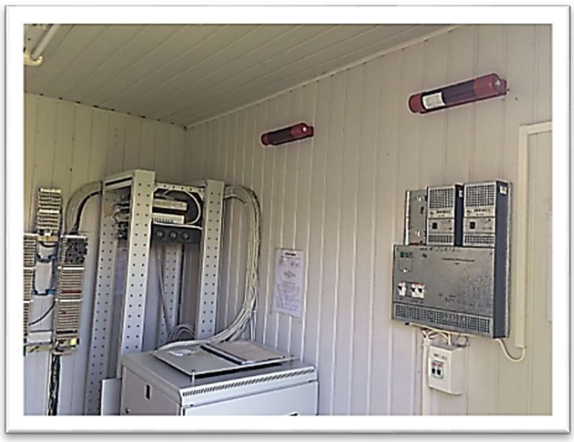
<u>Ampoule Bonpet – how it works? Fire safety and how to prevent Fire?</u>

- *When a fire breaks out in a small enclosed area and temperature rises, extinguishing liquid simultaneously begins to heat and as a result, the liquid starts to extend in the glass ampoule.*
- *When the temperature of the extinguishing liquid is approximately 85°C ± 5°C the glass breaks into pieces which allows the liquid to drop into the area, where endothermic process begins.*
- *It takes the energy from the fire and starts to cool the area. As a side product of this endothermic reaction, small quantities of nitrogen and carbon dioxide are released. Their function is to prevent the entrance of oxygen to the burning area.*
- *Remaining components that do not decay form a protective layer over the surface of the extinguishing liquid, which prevents re-ignition. Ampoule BONPET can be used manually by throwing the ampoule directly into the source of a fire.*

Installation in base GSM stations:







Installation of ampoules in communication boxes and server rooms: