

Access control & safety systems

Marko Ratosa, ICTP



Trieste 2019

Introduction

- Access control:
 - Keys or badge/phone and biometric readers
 - Video surveillance system
- Safety systems:
 - For equipment
 - For persons

Access Control

Inside the Data Centre we have expensive equipment and confidential data.



Limit access to only authorised persons.



Use of badge/phone and biometrics readers.



Logs from access control system.

Safety for equipment

Inside the Data Centre we have expensive equipment and confidential data.



Major problem: fire and heat.



Systems for monitoring, fire suppression systems and systems/protocol for overheating.

Safety for people

Mayor problem: fire, electric shock, battery explosion and gasses.



Systems/protocols to reduce risks for persons.



Fire prevention/monitoring systems, fire extinguishers, escape routes, ventilation,...

Conclusions

Invest enough money also for those 'non-core' systems because Murphy's Law is always present.