

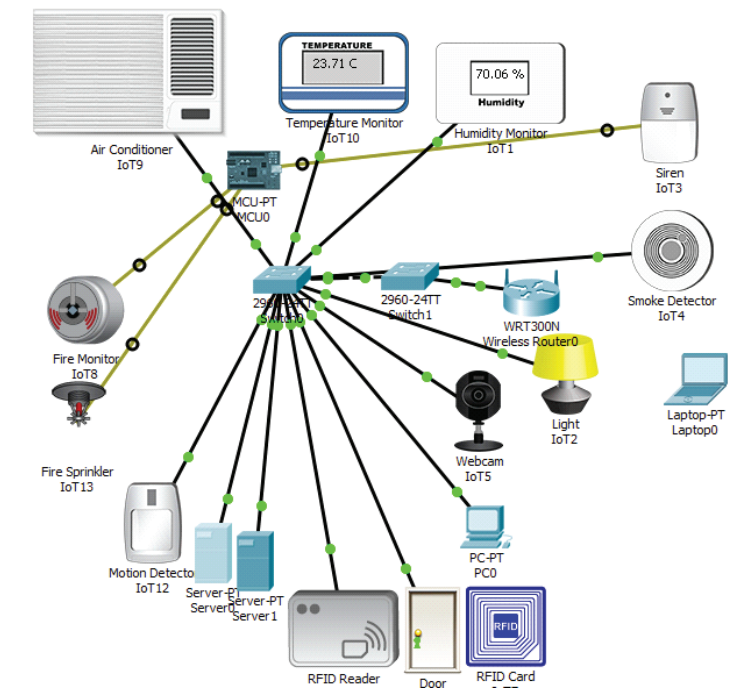
UWTSD SA1 Server Room Proposal

SA1 UWTSD Swansea Waterfront development

University of Wales Trinity Saint David (UWTSD) will move to new Swansea Waterfront development, which will provide a home for the faculties of architecture, computing and engineering, education and communities, as well as a new library.



Implementation

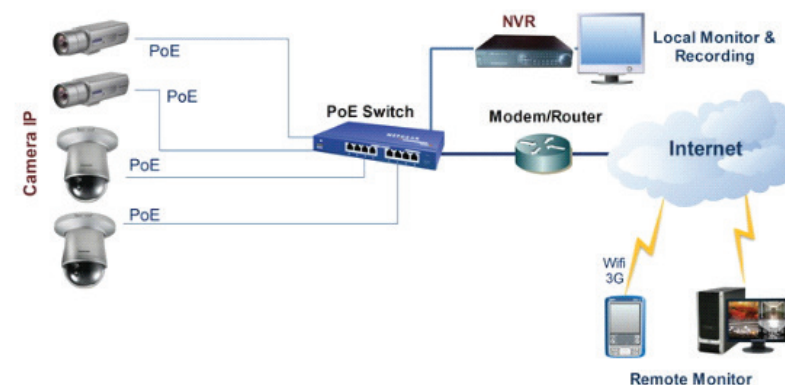


Requirements

The new server room is a division of the new building where the organization will keep their live valuable computing devices such as computer networking devices and data storage servers. Server rooms must be fire protected and are kept locked and temperature controlled 24/7 to provide physical security and suitable climate for the electronic devices to operate. The hosted devices would be routers, switches, firewalls, computers, servers, storage devices, database servers, DSL routers etc.

Equipments

- **IP cameras System**
- **Access control system(physical & bio)**
- **Motions detection**
- **Video Storage and monitoring System**

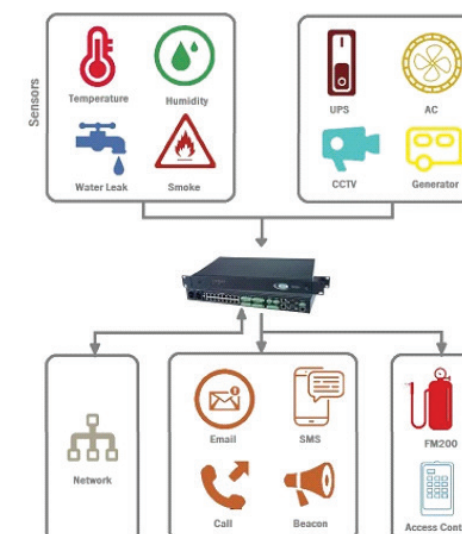


MOTION
DETECTION

Benefits Of The Proposed Systems

The new server room will benefits from the followings systems:

- **Systems resilience**
- **Security**
- **Fire prevention and suppression**
- **Environment monitoring**
- **Cooling**
- **Separate back-up power (UPS)**
- **Alarm and security**
- **Water Leak monitoring**



Work Cited
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