WikiSuite: The most comprehensive and integrated Open Source enterprise solution.

This is related to WikiSuite Village

**WikiSuite Building**

Extending WikiSuite to buildings and hardware devices.

Status: Just ideas for now. This project is for 2023 or 2024.

**Initial project**

Deploy all the required IT hardware and networking infrastructure for a building, in a reproducible recipe and extending WikiSuite.

**Areas**

- **Access cards**
- **Gateway and Local Area Network (LAN)**
  - The web proxy in ClearOS is a high-performance proxy caching server for web clients
  - The bandwidth manager is used to shape or prioritize incoming and outgoing network traffic.
  - The QoS (quality of service) app is used to shape or prioritize network traffic.
  - How to Configure a Load Balancing 3G Multi-WAN Router + Wireless AP
- **Wifi and Captive Portal with ClearOS**
  - Radius server
- **Digital Signage with Xibo**
- **Hardware phones with FusionPBX**
- **Security / alarm system / Remote surveillance**
- **Cameras**
  - Remote pan tilt zoom
- **Telepresence**
- **Internet of Things (IoT)**
  - Sensors for humidity, temperature, etc.
  - Location Tracker
- **Printer servers**
- **Bar code scanners and NFC**
- **Mesh networking**
- **Server room**
- **Payment terminal**
- **Blockchain prototype**
- **Accessibility**
  - Remote Control of door opening
WikiSuite: The most comprehensive and integrated Open Source enterprise solution.

- etc.

ClearBOX: https://www.clearos.com/products/hardware/clearbox-overview

### Related projects

### Related links

- https://www.crowdsupply.com/eoma68/micro-desktop/crowdfunding#details-top
- https://dev.tiki.org/Internet-of-Things