

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](#)
  - [https://www.clearos.com/resources/documentation/clearos/content:en\\_us:6\\_wireless](https://www.clearos.com/resources/documentation/clearos/content:en_us:6_wireless)
  - [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
  - [https://en.wikipedia.org/wiki/Point\\_of\\_sale](https://en.wikipedia.org/wiki/Point_of_sale)
- [Blockchain prototype](#)
- Accessibility
  - Remote Control of door opening
- [https://en.wikipedia.org/wiki/Building\\_automation](https://en.wikipedia.org/wiki/Building_automation)

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- etc.

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

## Related projects

## Related links

- <https://hacks.mozilla.org/2019/04/introducing-mozilla-webthings/>
- [https://en.wikipedia.org/wiki/List\\_of\\_open-source\\_hardware\\_projects](https://en.wikipedia.org/wiki/List_of_open-source_hardware_projects)
- [http://www.wikihouse.cc/WikiHouse\\_Partners\\_2016\\_v1.7.1.pdf](http://www.wikihouse.cc/WikiHouse_Partners_2016_v1.7.1.pdf)
- <https://www.crowdsupply.com/eoma68/micro-desktop/crowdfunding#details-top>
- <https://dev.tiki.org/Internet-of-Things>
- [http://en.wikipedia.org/wiki/Building\\_management\\_system](http://en.wikipedia.org/wiki/Building_management_system)