An introduction to SatController & SatServer

CAT21 Michael EA7KIR

SatController & SatServer is in early development.

A better place to learn more would be to watch

the full presentation on the BATC Online YouTube channel.

SatController is designed to run on an iMac.

SatServer runs on a Raspberry Pi 4.

Both are written in Swift 5.

Here follows the presentation slides from the video.

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DATV over Es’hail-2 / Oscar-100

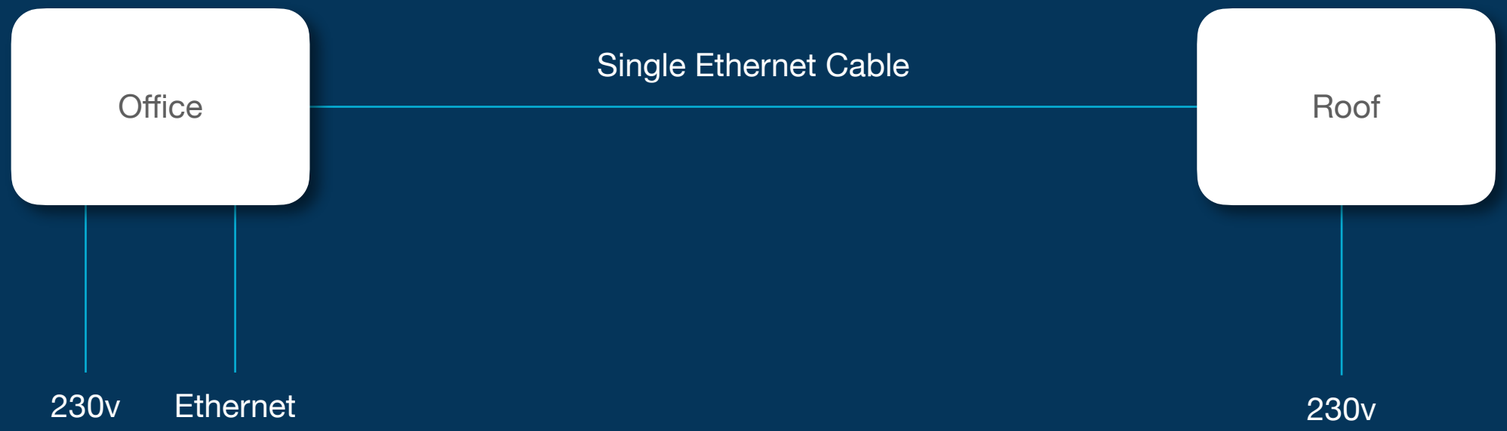
Locate the TX & RX close to the dish

Control & Monitor from a single GUI

Be Creative & Learn the Hard Way

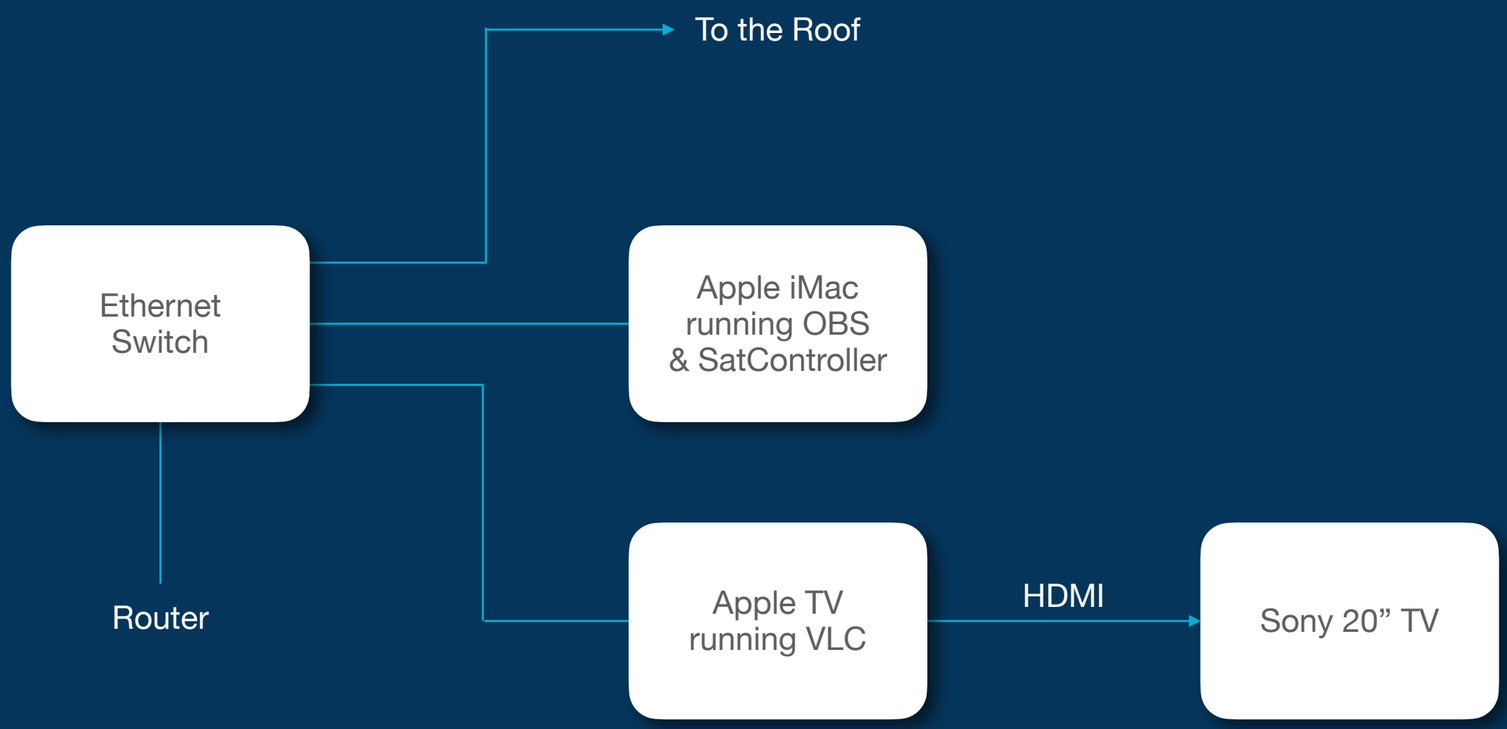
KISS and RTFM don’t apply

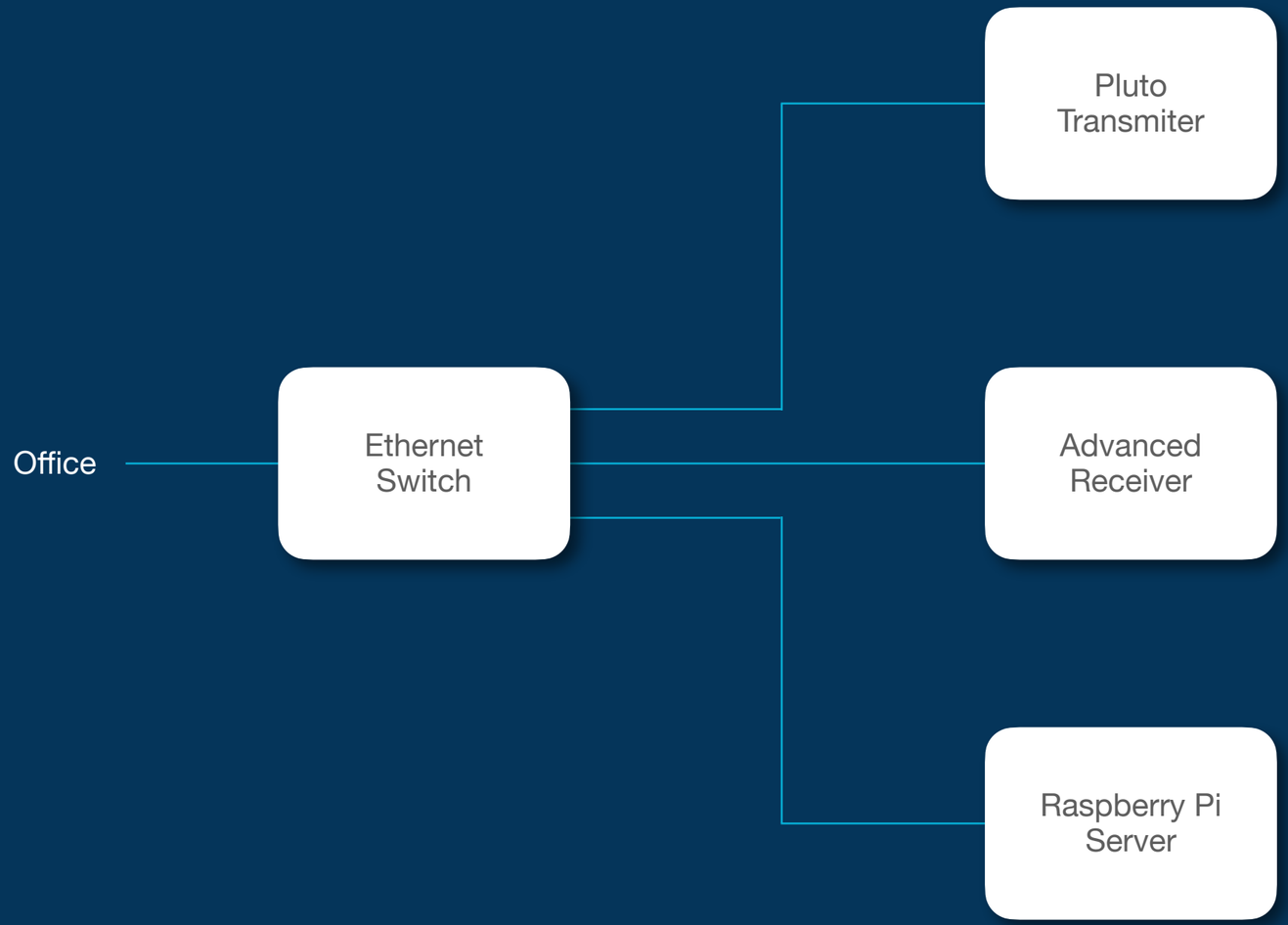
Simply This



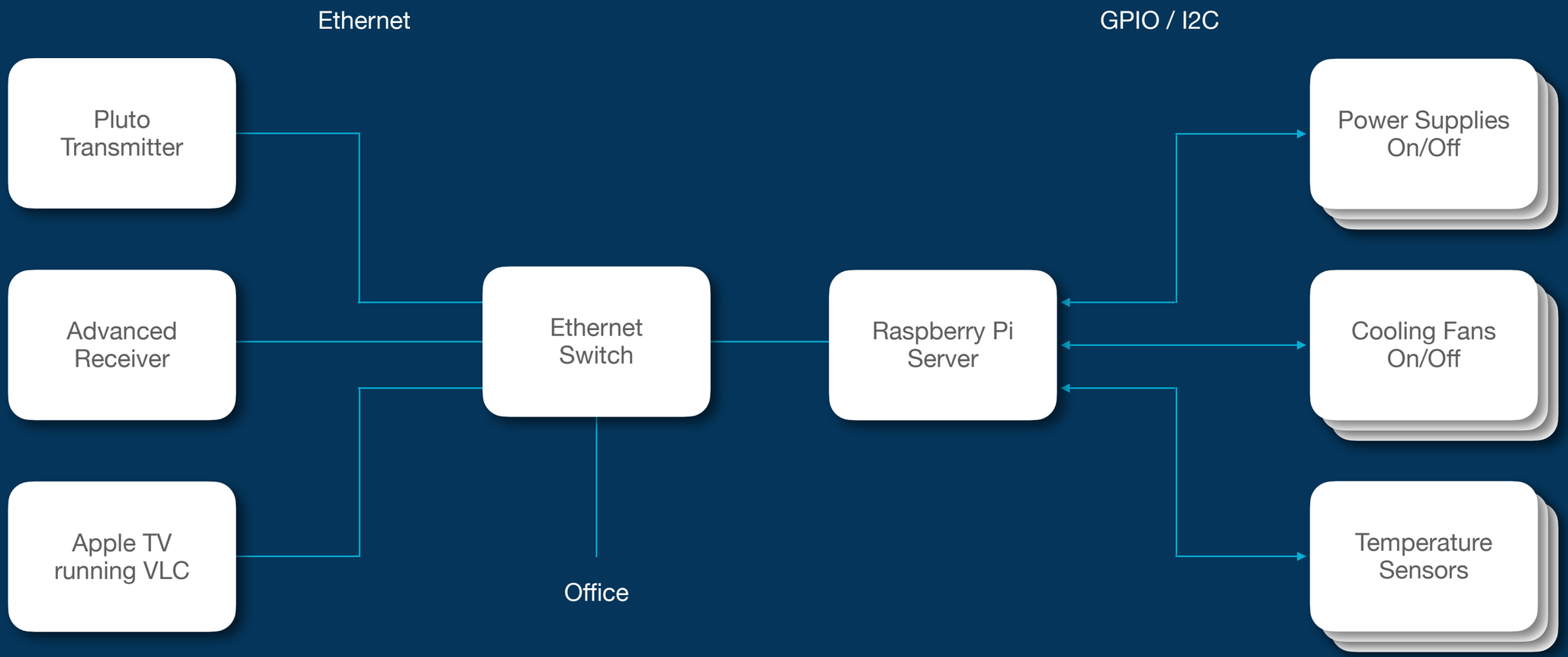
Easy-peasy?

In the Office



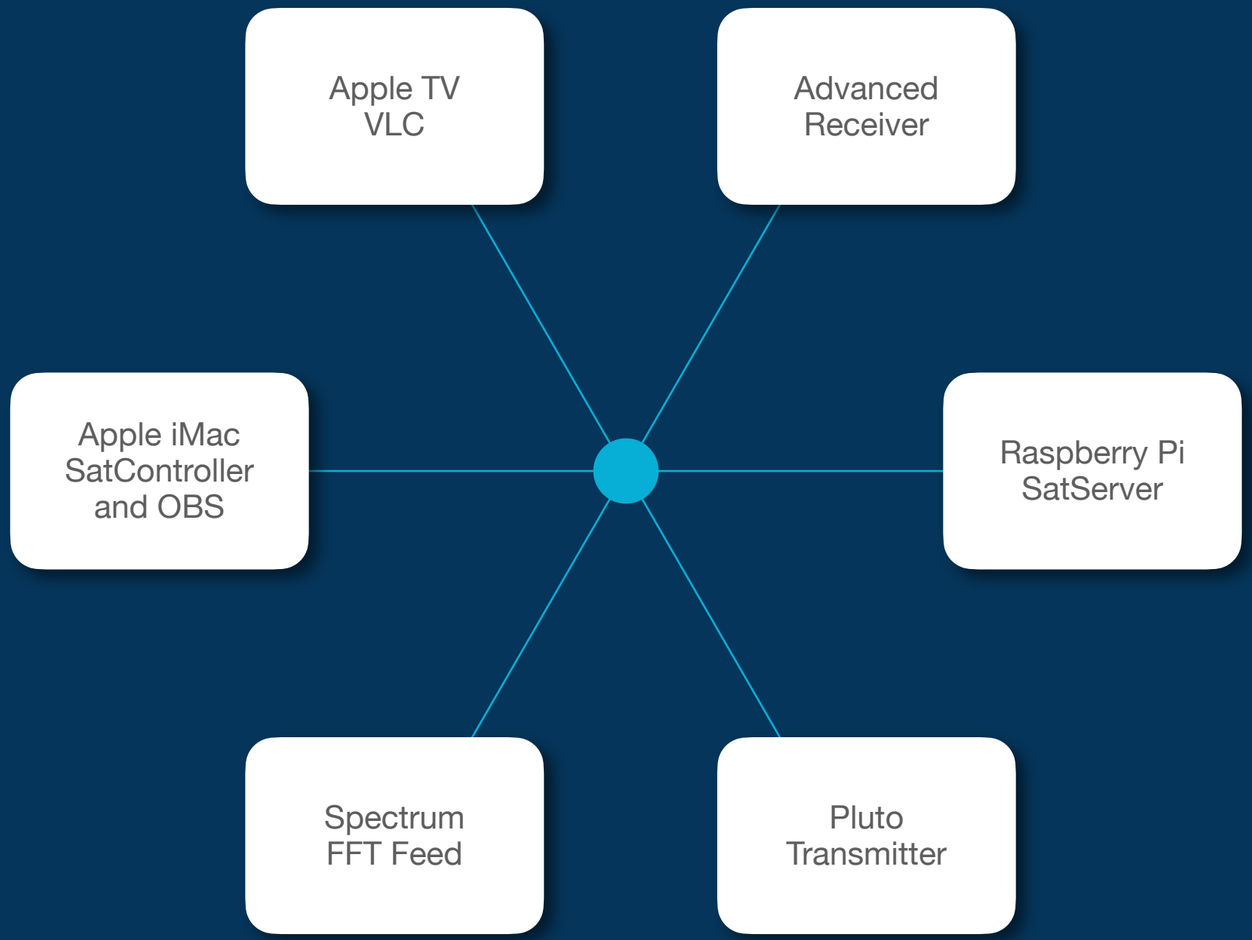

Office
Ethernet Switch
Pluto Transmiter
Advanced Receiver
Raspberry Pi Server

On the Roof

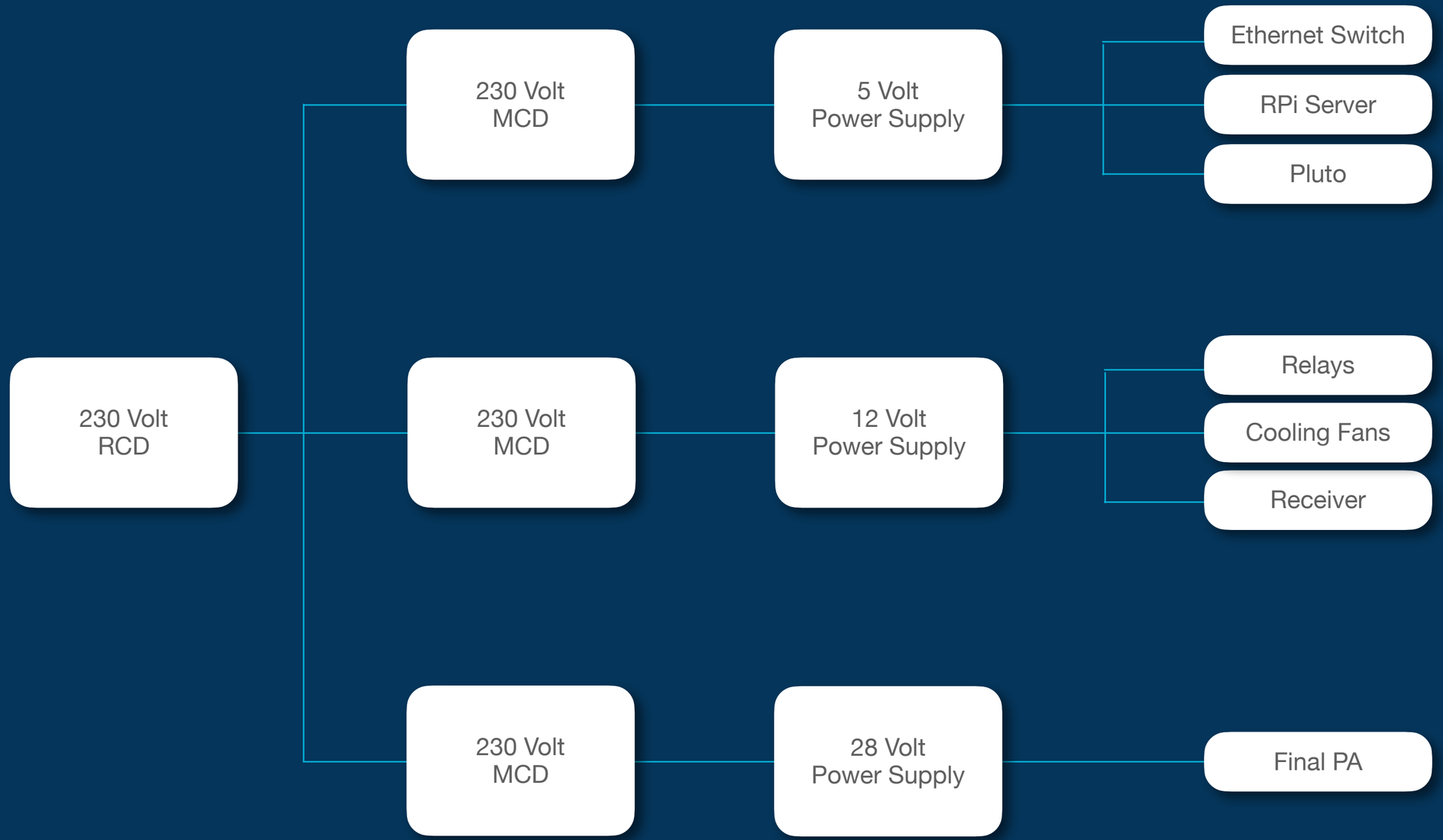


More on the Roof

The Network


Apple TV
VLC
Advanced
Receiver
Apple iMac
SatController
and OBS
Raspberry Pi
SatServer
Spectrum
FFT Feed
Pluto
Transmitter

The Roof Devices


230 Volt
RCD
230 Volt
MCD
230 Volt
MCD
230 Volt
MCD
5 Volt
Power Supply
12 Volt
Power Supply
28 Volt
Power Supply
Ethernet Switch
RPi Server
Pluto
Relays
Cooling Fans
Receiver
Final PA

Mains & Power