I.T. Installation Requirements for New Pharmacies Data and Electrical

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Data Outlets

The breakdown of the data outlet requirements in a normal store installation are as follows.
NOTE: The Architect/Draftsman plans may show more than listed below. More is better, but below is what we actually need where we actually need them. Again, **more is better**.

Dispensary
For the main Dispensary entry point computer and secondary computer 4 x CAT6 Outlets Each / 4 Power Outlets ea.
If there are more computers in the dispensary then dual outlets would be ok, but 4 would be preferred. If the main printer is separated from the main computers then dual outlet behind that location, dual power outlet.
Dual outlet in potential / future robot location for packing and again two more if an EV54 is planned at any stage.

Consult Room
Two data outlets and two power outlets sited where client would like a desk.

Inwards Goods
Four data outlets and two power, location to be determined by architect in consultation with client.

POS Terminals
For all Retail locations we require 4 outlets and 4 power to each location to cater for computer, eftpos over Ethernet, and potential voip phone with future expansion catered for.

Extra Points
Dual outlets as indicated by architect for things such as Display TVs and things such as that.

DATA CABINET (See attached PDF)



The data cabinet should usually be installed in the Inwards Goods or near the Distribution Board in a location that will not get in the way of normal operation of the business.

The cabinet should be a DYNAMIX 12 OR 18RU Universal Swing Wall Mount Cabinet with Shelf. This should be adequate for a normal sized store and should house the data network switch, patch panels, fibre ONT and the Health Network Firewall for IT Use.
In some cases the CCTV NVR and the Audio Amp will also be installed in there. Please allow for a second shelf if you want the amp or NVR to sit on one.

Data cables to be terminated onto appropriate patch panels and labeled with a label machine not marker. Patch panels please installed to the front top of the cabinet.

WIFI Access Points
Depending on the size of the store we put in two Grandstream Wifi access points in to cover the store. One within the front Retail Counter or front of the store and one in main data cabinet (or Back of Dispensary). We will just add them into the already allocated data points. No additional cabling should be needed.

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