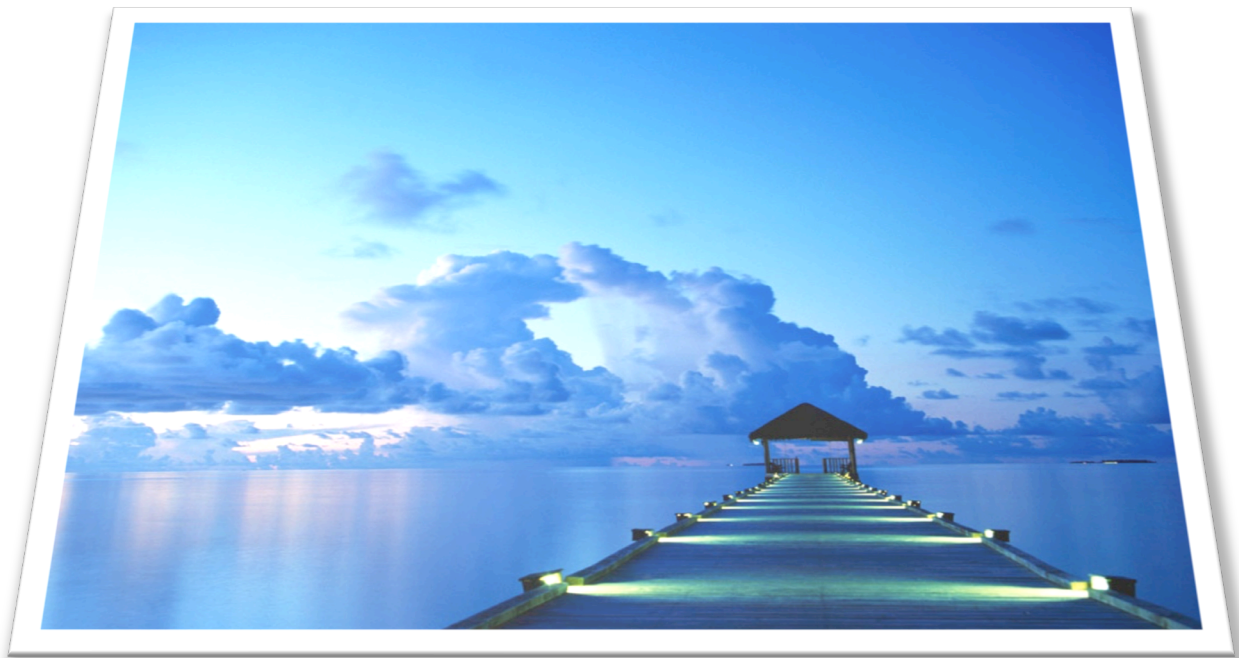


MediMeasure Pty Ltd

# ICT Infrastructure



Text in red denotes additions/expansions you should make.

This document is only a very brief and general guide to what is expected. Updates will be made as the contents are covered.

## Company Structure

MediMeasure is a leader in medical measurement technology development and sales. Currently two branch offices are supported with hardware and software development, warehousing and shipping based in Perth, administration and sales based in Sydney. **(Expand to give a general description of the organisation)**

## Staff levels and ICT requirements

**This section should be in 2 parts. Introduce the skill set from an ICT perspective for all non IT personnel and match requirements to these positions. Get the support levels from SAGE document on blackboard.**

### Perth Office

| Position                | Requirements  | Number |
|-------------------------|---|--------|
| Clerical/administration | Office, email, Calendar, accounts system, payroll, Inventory control  | 4      |
| Reception/warehouse     | Inventory control, email  | 4      |
| Software development    | Office, email, Calendar, *Software development system   | 15     |
| Hardware Development    | Office, email, Calendar, *Software development system<br>*Isolated systems: Hardware development, PCB design, prototyping systems | 12     |
| Sales                   | Mobile platform, Inventory control, email, CRM  | 4      |
| State Manager           | All systems   | 1      |

\* Must be highly secured

### Sydney office

| Position                     | Requirements   | Number |
|------------------------------|--|--------|
| Clerical/administration      | Office, email, Calendar, accounts system, payroll, Inventory control | 4      |
| National Sales               | Mobile platform, Inventory control, email, CRM                       | 10     |
| International Sales          | Mobile platform, Inventory control, email, CRM, Roaming capabilities | 2      |
| Marketing, technical writing | Office, email, Calendar, Creative suite, *Software development       | 15     |
| Industrial Designers         | Office, email, Calendar, 3D printers, CAD, Hardware                  | 2      |

|                        |  |    |
|------------------------|--|----|
|                        | development2   |    |
| Accounts/HR            | Office, email, Calendar, accounts system, payroll, Inventory control | 12 |
| Showroom/stock control | Office, email, Calendar, accounts system, Inventory control          | 4  |
| State Manager          | All systems  | 1  |
| Company Secretary      | All systems  | 1  |
| CEO                    | All systems  | 1  |

## Desktop Requirements

Define and justify a platform and OS for each area

The requirements for desktop operating systems may be divided into 3 role based platforms.

1. Reception and design. Reception requires simplicity and ease of use, whilst industrial design has the need of creative suites of software, CAD and 3D printing facilities. The preferred platform is Apple OSX in both cases.
2. Engineering (SW and HW). The system requirements include access to a UNIX/Linux based system arranged in a secure shared environment. **List attributes such a NIS workgroups, PCB/IDE applications.**
3. Administrative/ warehouse. A Microsoft based system is proposed in these areas. Two distinct configurations are required. Clerical and administrative staff may have a degree of flexibility in configuration and level of “lockdown” applied to their workstations. **Explain why.** Warehouse and inventory control staff should access a secure locked (no peripheral access ie USB, DVD etc disabled) **Briefly describe how this would be implemented, may want to tie into the server section – Active Directory/LDAP.**

## Printing and scanning

This section should describe print solutions eg central server based, local printing. Single printer type or multiple for different purposes. Inhouse support or outsourced?

## Server requirements

Recommend and justify server hardware and OS. In house or cloud?etc

| Service            | Cloud/in-house | Cost  |
|--------------------|----------------|-------|
| Email              | Cloud          |       |
| Altium design suit | In house       | 00.00 |
|                    |                |       |

## Topology

Insert a logical plan of how the systems connect.

## Disaster Recover and Backup

This section should describe backup schedules, contents and tape rotation. Don't forget to include media for backup, tape, cloud mirrored drives. The disaster recovery section should be based on how you have configured your backup. More details in the disaster recovery lecture,