ANU Data Centre Request for Work

All requests for new work in an ANU data centre must be made via the ANU IT Service Desk. Please attach this form at the time of raising a request for new work in the service desk. Requests must be approved by the relevant supervisor, prior to submission to DCO.

This form should be completed as thoroughly and accurately as possible. To ensure sufficient time for preparatory works and purchasing, users should lodge service requests as soon as is practicable when planning for work in an ANU data centre. A member of DCOS can provide assistance in completing this form if required. For installations with multiple different devices, it may be necessary to complete several forms and/or include attachments.

Considerations when ordering new equipment

1. Ensure new equipment is rack-mountable in the racks specified in the 'ANU Data Centre Standards'.
2. *Airflow direction*: If air flow direction through the device is selectable, choose the configuration compatible with a hot-aisle containment system installation. If unsure, ask a member of DCOS.
3. *Redundant power supplies*: Order as appropriate when optional.
4. *Interface with existing equipment*: Ensure appropriate parties are consulted in a timely fashion prior to purchasing.

Name of Equipment/Work					
Notification Date		Equipment ETA(s)		Target Installation Completion Date(s)	

Is the equipment to be installed for evaluation purposes?   **yes / no**

When completing the following sections, provide details of the initial and expected future requirements of the equipment being installed.

Installation Location   (these details should be discussed with a member of DCOS)

Crisp / Leonard Huxley / NCI Data Centre(s)		Rack Location(s)	

Note: Data Centre Rack Layout diagrams are available from DCOS for reference, if required.

Physical Requirements   (if more than one device, provide details for all devices)

Device name	Device Height (RU)	Device Depth (mm)	Quantity

Power Requirements   (if more than one device, provide details for all devices)

Device name	Power draw/device (A)	10A inputs/device	15A inputs/device

Communications Requirements (if more than one device, provide details for all devices)

Device name	UTP ports per device and destination rack	Dedicated management switch required?	MM fibre ports per device and destination rack	SM fibre ports per device and destination rack

Note: If users have requirements for high densities of cables other than those detailed above, (e.g. InfiniBand) within a rack or for this type of cable to run between racks, this must be discussed with a member of DCOS.

Other Requirements

Any special physical, power, cooling, communications, or other requirements

Cabling Details

Data centre users are responsible for the connection of all communications cables between their equipment in the ANU data centres. All communications cabling must be carried out in a manner that is considerate of other data centre users, and must be installed in accordance with section 4.3.3 of the ANU Data Centre Standards. If data centre users experience difficulty with patching for any reason, or are unable to comply with the Standards when carrying out this work, they should notify a member of DCOS who will provide assistance, or find a resolution as appropriate.

It is the responsibility of data centre users to request the configuration of network switch ports from the relevant parties, via the ANU IT Service Desk.

Purchasing

Based on the information provided above, DCOS will determine if there is a need to purchase components and/or parts to accommodate this work/installation. In cases when purchasing is necessary, DCOS will obtain quotations from suppliers and forward these to the relevant financial delegate for approval, prior to purchasing.

ANU Data Centre Delegate approval:

I have ensured that the works detailed above are consistent with the long term plans for the rack space(s) in question. I approve this work and request that it be carried out. I request that quotes for the purchase of any parts and materials required for the completion of this work, be obtained and forwarded for approval. Please sign below or provide approval within service desk request.

Delegate Name: _____

Delegate Signature: _____ Date: _____

DCO acceptance of works:

On completion of work, DCOS will ensure the installation has been completed in accordance with the ANU data centre standards. DCOS acceptance will be required prior to request closure in the ANU Service Desk.