



## Reporting Workstation

Room Code	REPW
Briefed Area	6.00 m <sup>2</sup>
Ceiling Height	2.7 m
Occupancy	1-2 staff
Hours of Operation	Available 24 hours

**Description** | The Reporting Workstation is a single workspace with a high-performance computer for reviewing of and reporting on patient images from various medical imaging modalities.

<b>Electrical</b>	PROTECTION: body protected	<input type="checkbox"/>	<b>HVAC</b>	AIRCONDITIONING: general	<input checked="" type="checkbox"/>
	PROTECTION: cardiac protected	<input type="checkbox"/>		AIRCONDITIONING: HEPA filtered	<input type="checkbox"/>
<b>Lighting</b>	LIGHTING: general	<input checked="" type="checkbox"/>		AIRCONDITIONING: positive pressure	<input type="checkbox"/>
	LIGHTING: colour corrected	<input type="checkbox"/>		AIRCONDITIONING: negative pressure	<input type="checkbox"/>
	LIGHTING: dimmable	<input checked="" type="checkbox"/>		VENTILATION: exhaust	<input type="checkbox"/>
	LIGHTING: indirect	<input type="checkbox"/>		VENTILATION: supply	<input type="checkbox"/>
<b>Nurse Call and Duress</b>	NURSE CALL SYSTEM: buttons / handset	<input type="checkbox"/>	<b>Medical Gas</b>	VENTILATION: natural	<input type="checkbox"/>
	NURSE CALL SYSTEM: annunciator	<input type="checkbox"/>		MEDICAL GAS: general anaesthesia	<input type="checkbox"/>
	DURESS: fixed	<input type="checkbox"/>		MEDICAL GAS: special care	<input type="checkbox"/>
	DURESS: wireless coverage	<input type="checkbox"/>		MEDICAL GAS: special care, neonatal ventilation	<input type="checkbox"/>
<b>Security</b>	ACCESS CONTROL: to door	<input type="checkbox"/>	<b>Hydraulic</b>	MEDICAL GAS: birthing	<input type="checkbox"/>
	ACCESS CONTROL: to item / joinery	<input type="checkbox"/>		WATER: drinking	<input type="checkbox"/>
	INTERCOM: service communications	<input type="checkbox"/>		WATER: specialty	<input type="checkbox"/>
	INTERCOM: security and access control	<input type="checkbox"/>		DRAINAGE: sanitary	<input type="checkbox"/>
	CCTV: camera coverage within room	<input type="checkbox"/>	<b>Fire</b>	DRAINAGE: specialty	<input type="checkbox"/>
	INTRUSION DETECTION: door monitoring	<input type="checkbox"/>		DETECTION: smoke	<input type="checkbox"/>
<b>ICT and Audio Visual</b>	INTRUSION DETECTION: spatial monitoring	<input type="checkbox"/>	<b>Shielding</b>	DETECTION: heat	<input type="checkbox"/>
	AUDIO VISUAL: patient entertainment system	<input type="checkbox"/>		SHIELDING: ionising radiation	<input type="checkbox"/>
	AUDIO VISUAL: visitor experience system	<input type="checkbox"/>	<b>Acoustics</b>	SHIELDING: magnetic and radio frequency	<input type="checkbox"/>
	AUDIO VISUAL: virtual collaboration system	<input type="checkbox"/>		SPEECH PRIVACY:	
	AUDIO VISUAL: clinical support system	<input type="checkbox"/>		not private ..... moderate ..... private ..... confidential	
<b>Accessibility</b>	AUDIO VISUAL: digital operating room system	<input type="checkbox"/>		NOISE SENSITIVITY:	
	AUDIO: hearing augmentation	<input type="checkbox"/>		not sensitive ..... medium sensitive ..... sensitive	
	VISUAL: luminance contrast	<input type="checkbox"/>		NOISE GENERATION:	
	SIGNAGE: accessible, statutory	<input type="checkbox"/>		low ..... moderate ..... high ..... very high	

### Additional Considerations

- This Standard Component is provided as a module that would be multiplied in an open plan arrangement. The number of workstations will be determined at a project level to suit service requirements and staffing profile. Shared elements that are not provided at each workstation, e.g. fixed duress in central location, nurse call annunciators, storage, etc. must be considered when modules are combined.
- Depending on the overall layout when workstation modules are combined, services may be wall mounted for each individual workstation or soft-wired cable trays may be provided and connected to a central point where power and data are wall mounted or delivered via an umbilical/pole from the ceiling or floor.
- The size, quantity and configuration of computer display screens is to be finalised based on reviewing and reporting task requirements (e.g. number of application windows to be viewed concurrently) and ergonomic considerations.
- Display screens shown on desk mounted brackets may be wall mounted. Ensure appropriate in-wall support is provided where display screens are to be wall mounted. Where monitors are wall mounted, interaction with height adjustable desks and distances

to services connections must be considered. Flexible monitor positioning is vital to ensure adjustments are possible to meet the ergonomic requirements of different users.

- Emerging technology, and its implications for the space, are to be considered. This may include investigating potential hardware, software and process changes that may, for example, result in the inclusion of additional display screens or CPUs, and the ergonomic, services and construction requirements for accommodating these changes in the future (e.g. supports in the wall for mounting, provision for installing additional services, etc.).
- A large PACS display screen may be provided to be shared between multiple workstations for collaborative image reviewing by teams. Screen sharing capabilities from each workstation would be required to support this.
- Type and number of data connections for display screens to be confirmed to suit service and equipment requirements (cat-6 data, HDMI, etc.).
- Provision of height adjustable workstations or fixed joinery is to be in line with service requirements and local WHS policies.
- A modesty panel or an extended acoustic panel to the back of the workstation may be required depending on the layout developed for multiple workstations.
- It is recommended by RANZCR that the light level of the room is able to be lowered to 20-40 lux. The combination of dimmable general room lighting, dimmable indirect lighting (wall and/or ceiling fixtures), and the use of FF&E items such as back lit monitors and keyboards, as well as any light from external sources (e.g. from corridor through glazing), is to be assessed to ensure the overall quality of light in the room is appropriate. Removal of any potential sources of glare on the computer screens is required to ensure it meets requirements for the performance of reviewing and reporting tasks. Each workstation is to have, to the extent possible, independent control for lighting effecting that workstation.
- Acoustic wall panels and screens shown are indicative and acoustic treatment of the overall room with multiple workstations is to be considered as a whole when designing to mitigate noise transfer between workstations and from adjacent areas.
- The heat generated by computer equipment is to be considered when determining the air-conditioning requirements for this room.
- Storage spaces for staff property and stationery may be allocated separately to be shared between multiple workstations.
- An annunciator for nurse calls may be located to be shared between multiple workstations depending on overall service requirements.
- Depending on the location of the room containing Reporting Workstations, access control (e.g. via proximity card reader) may be provided to ensure staff only access and the inclusion of a fixed duress button that is accessible in a central location to all workstations may be required to support staff safety.
- Hours of operation depend on the service in which this room is located. Ambulatory medical imaging services may only operate during business hours or extended business hours, some small hospital services may have an on-call, after-hours service. Large units are likely to provide a 24-hour service, especially where a satellite service is provided with an emergency department.
- Requirement for shielding to this room will be determined by the arrangement of the overall department floor plan and proximity of the Reporting Room to imaging modalities. Radiation shielding requirements are to be assessed and advised by a qualified Radiation Consultant.
- The need for and extent of emergency power must be reviewed to suit site specific requirements and confirmed based on risk assessment considering the impact of a power outage on patient care/safety.



## Finishes

CODE	DESCRIPTION	COMMENT
FLCP-006	FLOOR FINISH: carpet tiles	
FLSK-026	SKIRTING: vinyl, feather edge	aluminium skirting is also acceptable
WLFI-002	WALL FINISH: paint, clinical areas	
WLFI-202	ACOUSTIC TREATMENT: wall panel, prefinished	as required to reduce noise transfer between workstations
CLTI-022	CEILING: drop-in tiles, acoustic, prefinished	
CLCN-041	CORNICE: wall trim fixing, prefinished	



## Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIHR-201	BRACKET: central processing unit (CPU), under bench/desk	2	1	
FIHR-231	BRACKET: computer display screen, triple, articulated, bench/desk mounted	2	1	

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FQBS-171	CHAIR: office, ergonomic	3	1	
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FQDW-165.07	WORKSTATION: straight, adjustable height, electric, 720H nom, 800D x 2200W	3	1	
FQGE-109	SCREEN: privacy, acoustic, floor standing	3	2	as required to reduce noise transfer between workstations
FQWS-051	BIN: general waste, 20L	3	1	
ITNE-071	TELEPHONE: handset, desktop	3	1	
ITNE-153	COMPUTER: central processing unit (CPU), PACS	3	1	
ITNE-171	DISPLAY SCREEN: computer	3	2	
ITNE-172	DISPLAY SCREEN: computer, PACS	3	1	
ITNE-201	INPUT DEVICE: keyboard and mouse	3	1	
ITNE-241	RECORDER: dictation	3	1	
ITNE-251	CAMERA: webcam, display screen mounted	3	1	optional



## Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-201	GPO: double, wall mounted	1	2	
ELGP-231	GPO: double, emergency power, wall mounted	1	2	
ELSW-021	SWITCH: light, dimmer	1	1	to indirect lighting
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	2	
ITIN-066	OUTLET: data, HDMI, wall mounted	1	1	optional - to connect desktop computers to wall mounted display screen (shared between multiple workstations) if provided
ITIN-171	DESK BOX: power and data outlets, softwired, surface mounted	1	1	for charging/power to portable devices, number and type of power/AV outlets to be confirmed to suit ICT requirements
LIFX-079	LIGHT: linear, indirect, wall mounted	1	1	dimnable, to be coordinated with general room lighting to suit reporting task requirements