



Staff Station - Emergency, Control Hub

Room Code	SSTN-E
Briefed Area	14.00 m ²
Ceiling Height	2.7 m
Occupancy	3 staff (with up to 2 additional staff intermittently)
Hours of Operation	24 hours

Description | The Staff Station - Emergency, Control Hub provides the space, equipment and services for a central operational and administrative base of an Emergency Unit. It supports the coordination of patient care, patient flow, and ambulance arrivals as well as overseeing central monitoring, security feeds and the ambulance phone. Alternatively, depending on operational models, ICT strategies and policies, staffing profile, size and complexity of the service, etc., these functions may be distributed/duplicated across the Emergency Unit.

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

Additional Considerations | • This Standard Component indicates 3 x workstations (providing a base workstation for 1 x doctor-in-charge, 1 x nurse-in-charge and 1 x clerk), with an additional workstation area for central monitoring. The number of workstations required will vary depending on operational models, staffing models and the size and complexity of the service.

- One computer workstation has been shown as a downtime workstation with provision of UPS power. Requirements for and location of downtime facilities will need to be confirmed to meet clinical services requirements, operational models for downtime, and local ICT policies. Provision of downtime computers will need to be rationalised across the unit to avoid unnecessary duplication.
- The Staff Station - Emergency, Control Hub may be enclosed (e.g. with security glazing and lockable doors) or other physical design/planning solutions may be considered (e.g. increased counter depth, egress to secure area) for staff safety and security. Requirements are to be determined at project level based on a risk assessment. If provided, security glazing configuration (inclusion/size of communication slot, size of pass-through apertures for paperwork, etc.) is to be determined at project level to suit clinical services requirements and operational models.
- The requirement for the inclusion of hearing augmentation systems (e.g. hearing aid induction loops, or solutions that require infrared, radio frequency, or Wi-Fi systems) and associated items (microphones, signage, etc.) is to be confirmed at project level, in consultation with accessibility experts, to suit the configuration of the counter and security glazing.
- The quantity and type of display screens required to oversee and control the flow of patients throughout the Emergency Department (including ambulance arrivals, patient flow and security feeds) are to be confirmed at project level to suit clinical services requirements and operational models.
- If overall department planning results in rooms being accessed from behind the Staff Station, additional area for appropriate door circulation clearances will be required.
- Mobile duress coverage is to be assessed and planned at a department level and coverage is to meet local security and WHS policies as well as operational service requirements.
- A wall clock should be visible from all clinical areas in the Emergency unit. The location and type of clocks provided, including any required connection to a master clock system, is to be determined at a project level.
- Acoustic treatments may be considered to assist with reducing noise transfer from adjacent spaces. All acoustic finishes must meet IPC requirements (Refer to Part D: Infection Prevention and Control for more information).
- Provision of height adjustable workstations in lieu of fixed joinery benches may be considered at project level and provision should be in line with local WHS policies. Where height adjustable workstations are provided the location of services and the interaction of the moving workstation surface with the static public facing counter must be carefully considered.
- Placement and visibility of nurse annunciators in adjacent corridors must be considered and coordinated with other ceiling elements such as bulkheads.
- The type, extent and configuration of storage within the room for stationery and consumables will be dependent on service requirements, operational models and ICT policies and strategies. This includes considering the facility's use of electronic medical records (EMR) as well as the need to store any remaining paper forms.
- Size, type and quantity of waste bins will be dependent on clinical service requirements, operational models for waste management and local infection prevention and control (IPC) policies.
- The requirement for Body Protection under AS/NZS 3003 is to be determined at project level depending on the proximity of the counter to adjacent patient areas.
- Provision of emergency/standby power or uninterruptible power supply (UPS) is to be confirmed to suit site and service requirements. Confirmation to be based on risk assessment considering the impact of a power outage on patient care/safety.
- Wall mounted fire services items may be included in the Staff Station or provided nearby in a conspicuous and readily accessible position including a mimic panel, warden intercom phone, manual call point, break glass alarm, portable fire extinguisher and fire blanket. A ceiling mounted visual alarm device may also be provided in the Staff Station or in an adjacent corridor. Inclusion of these items in the Staff Station will be dependent on the overall department layout. Location, mounting heights and clearances to meet AS1670.1 and AS2444.
- Provision of cleaner's power outlets is to be rationalised across the department and spaced in accordance with AS/NZS 3003.



Finishes

CODE	DESCRIPTION	COMMENT
FLVY-101	FLOOR FINISH: vinyl, seamless, standard slip resistance	
FLSK-021	SKIRTING: vinyl, integral with floor vinyl, coved	
WLF1-002	WALL FINISH: paint, clinical areas	
CLTI-022.02	CEILING: drop-in tiles, acoustic, prefinished, 600 x 1200	
CLCN-041	CORNICE: wall trim fixing, prefinished	
WLPR-006.03	WALL PROTECTION: corner guards, to 1200 AFFL	to be coordinated with adjacent wall protection



Joinery

CODE	DESCRIPTION	GROUP	QTY	COMMENT
JOBE-251	CAP: cable access	①	4	
JORS-021	JOINERY UNIT: staff station	①	1	
JORS-041	WHITEBOARD: fixed, magnetic, integral to reception desk	①	1	
JORS-071	SECURITY GLAZING: to staff station	①	3	optional, provision and extent to be determined at project level based on risk assessment; may include communication slots and pass through apertures, with final configuration to be confirmed at project level to suit clinical services requirements and operational models



Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIHR-331	BRACKET: display screen, single, fixed, wall mounted	②	1	optional, to ambulance arrivals display screen if provided
FIHR-331	BRACKET: display screen, single, fixed, wall mounted	②	1	optional, to patient flow display screen if provided
FIHR-333	BRACKET: display screen, single, fixed, ceiling mounted	②	1	to security CCTV display screen
FQBS-171	CHAIR: office, ergonomic	③	3	
FQSM-061	PEDESTAL: mobile, 660H nominal, 2 equal drawers and 1 file drawer	③	2	
FQWS-053	BIN: general waste, 50L	③	1	
FQWS-213	BIN: confidential document, secure, 50L	③	1	
ITBU-470	CLOCK: digital display, electric, synchronised slave, wired internet protocol (IP), wall mounted	①	1	type of clock and requirement for connection to the master clock system is to be confirmed at a project level based on clinical services requirements
ITCL-331	DISPLAY SCREEN: patient flow system	①	1	optional, for ambulance arrivals information; provision dependent on operational models and clinical services requirements
ITCL-331	DISPLAY SCREEN: patient flow system	①	1	optional, for patient flow information; provision dependent on operational models and clinical services requirements
ITNE-071	TELEPHONE: handset, desktop	③	3	1 to each workstation
ITNE-076	TELEPHONE: handset, wall mounted	②	1	ambulance phone
ITNE-102	COMPUTER: dual display screens, central processing unit (CPU), keyboard and mouse, desktop	③	3	1 to each workstation
ITNE-302	MULTIFUNCTION DEVICE: printer/copier/scanner/fax, floor standing	③	1	
ITNE-316	PRINTER: labels, small, desktop	③	2	
ITSE-111	DISPLAY SCREEN: security, CCTV monitoring	③	1	type and size of screen to be confirmed to suit security requirements
MMPM-092	MONITOR: central patient monitoring station, dual display screens	③	1	quantity and size of display screens to suit patient monitoring requirements



Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-136	GPO: single, emergency power, ceiling mounted	①	1	to security CCTV display screen

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-211	GPO: double, joinery mounted	①	3	1 to each workstation; over bench for portable device charging
ELGP-211	GPO: double, joinery mounted	①	2	to label printers
ELGP-231	GPO: double, emergency power, wall mounted	①	1	to multi-function device
ELGP-231	GPO: double, emergency power, wall mounted	①	1	optional, to patient flow display screen if provided
ELGP-231	GPO: double, emergency power, wall mounted	①	1	optional, to ambulance arrivals display screen if provided
ELGP-241	GPO: double, emergency power, joinery mounted	①	6	2 to each workstation (except downtime workstation), 2 to central patient monitoring station
ELGP-271	GPO: double, UPS, joinery mounted	①	2	to downtime computer workstation; downtime requirements to be confirmed at project level
ELSW-001	SWITCH: light	①	3	to task lighting
ELSW-011	SWITCH PLATE: light, multi-gang	①	1	optional, may be provided for control of general lighting in nearby treatment areas; provision dependent on overall department layout
ITIN-016	OUTLET: data, single RJ45, wall mounted	①	1	to wall mounted ambulance phone
ITIN-016	OUTLET: data, single RJ45, wall mounted	①	1	to clock; an additional power outlet may be required if power over ethernet (PoE) is not supported by the clock hardware
ITIN-021	OUTLET: data, double RJ45, ceiling mounted	①	1	to security CCTV display screen
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	1	optional, to ambulance arrivals display screen if provided
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	1	optional, to patient flow display screen if provided
ITIN-026	OUTLET: data, double RJ45, wall mounted	①	1	to multi-function device
ITIN-038	OUTLET: data, triple RJ45, surface mounted	①	4	1 to each workstation, 1 to central patient monitoring station
ITSE-063	BUTTON: security, duress, fixed, under bench mounted	①	2	1 shared between 2 workstations/central patient monitoring station
LIFX-108	LIGHT: task, integral to joinery	①	4	1 to each workstation, 1 to central patient monitoring station

For guidance on how to use the Room Data Sheet, please visit the [AushFG website](#).