

industry solution

Health

Improving patient experience, increasing nursing efficiency, enabling sustainable systems for healthcare professionals and medical staff – are three of the important challenges facing health organisations today.

Coupled with this is the need to ensure ICT solutions are based on good environmental principles and the ability to do more with less. Priority setting is vital and working with the right partner crucial to successful outcomes.

Gain efficiencies through Secure Communications and Networking

Integ has been working with healthcare organisations for most of the last decade, providing a range of communication and networking solutions and services to health departments and hospitals of all types and sizes.

Through its capabilities and knowledge of the industry, its understanding of solution design, innovation and service delivery, along with the financial strength of its parent company, Integ can give you a positive prognosis.

There are many compelling ICT solutions available, some particularly focussed on the healthcare industry. There is enormous potential for efficiency gains in hospitals by upgrading the core networks to incorporate mobility solutions, integrating voice and video over the IP network, unifying communications, automating business processes and improving call centre applications.

- ✓ Maximise your ICT budget by outsourcing where it makes sense
- ✓ Provide medical and administrative staff with the mobility solutions so they are always in touch
- ✓ Ensure fast response to medical emergencies as they arise
- ✓ Give patients a positive experience, helping them on their road to recovery
- ✓ Assist nursing staff to be more productive
- ✓ Ensure privacy of patient information
- ✓ Connect all of your campus buildings and sites with secure networks



**communications and
networking**

Portfolio of Health Solutions

Integ has an extensive portfolio of solutions to help the healthcare industry deliver a high standard of care to patients, medical and specialist staff, nursing and administrative staff across Australia. Capability and accreditation with many market-leading, as well as niche healthcare products, and strong partnerships with leading vendors, means that Integ can design, deploy and support a healthcare ICT solution that is right for your facility, now and into the future.

Robust and secure infrastructure, as the hospital is always on

Secure Data Networking: robust performance-based infrastructure provides a strong foundation for health applications such as IP & wireless communications, video and entertainment systems, records management, RFID, website, email, database administration, finance and ERP software solutions.

Wireless and Wireless Mesh Networking: with a large proportion of its workforce mobile, healthcare requires robust and scalable wireless networking for both outdoor and indoor activity. This needs to include bullet-proof security, reliability, easy installation and simplified management.

Data Centre: architecture review services provide a blueprint for secure, virtualised and optimised Data Centre solutions.

WAN Acceleration, Bandwidth Optimisation and Load Balancing: Wide Area Networks (WANs) carry the healthcare applications, medical and patient data to those that need it, when they need it, wherever they are. WANs need to be secure, fast, reliable and constantly available, balancing traffic loads and increasing the performance of infrastructure.

Cabling: The foundation of the network is the cabling solution. It needs to be designed well and deployed with skill.

Scalable and innovative communications, for health staff on the move

Patient Bedside Solutions: assisting nurse efficiency and promoting good patient outcomes from a positive experience, Patient Bedside Solutions are delivered by a terminal touch screen with integrated smart-card reader on a swivel arm by the patient's bed. The terminal is easy to use so everyone can reap the benefits of phone access, IP TV, radio and music programs, digital video-on-demand, High Speed Internet Access (HSIA), games and interactive hospital information such as location maps, dietary information, menu orders and much more. Patient Bedside Solutions also allow real-time, secure access by health professionals, so patient medical and pharmaceutical information can be accessed from the bedside supporting critical decision making, saving time and minimising medical error.

Alarm Notification and Nurse Call: to allow quick response to medical and other emergencies, alarm and nurse call systems can be integrated with communication systems.

Wired and Wireless Telephony: health professionals on campus always need to be accessible, wherever they are, no matter what they are doing, in the mobile phone-free hospital environment.

Unified Communications: conferencing, messaging, collaboration and presence for healthcare workers provide a range of benefits. Unifying your communications enables teleconferences between doctors and nurses on the move, video conferencing between medical staff in hospitals and remote medical units, the ability to see which nursing staff is available at any time and the opportunity for specialists to collaborate.

Contact Centre: healthcare contact centres can provide quality 24 x 7 advice and telephone support to outpatients and inpatients alike, broadening the scope of patient care and easing the burden on hospital beds and emergency triage units.

Extending your ICT team, with skills and capability

Disaster Recovery: vital in healthcare, disaster recovery solutions ensure the hospital is always on.

Professional Services: offering a breadth of experience in healthcare, Integ can manage design, implementation, change management and education.

Managed Services 24 x 7: because hospitals don't stop, neither do we. We're there to support you every hour of every day of every week of every year.

Customised Training Programs: an education program designed for your particular circumstances, with the goal to optimise the use of your solutions and gain faster return on investment.

Considering the environment, to assist you in your mission

Integ recognises that the healthcare industry takes its responsibility to minimise the environmental impact of its operations very seriously. For many health organisations, Integ's environmentally friendly solutions may provide a viable choice.

iDispose: to take care of the safe disposal of your outdated electronic hardware, by recycling or disposing in an environmentally accredited manner. Includes a Certificate of Recycling.

iTaaS: Integ's Telephony-as-a-Service is an on-demand communication solution, usually using less hardware and power than a premise-based solution.

Virtualised Communications: uses less hardware and power consolidating your communications applications onto one appliance.

IP Video Conferencing: minimises unnecessary travel between hospitals, providing specialist help to healthcare workers in remote parts of Australia.

Data Centre: with virtualisation to reduce power and cooling.

Environmental Audits: to underpin your internal "Reduce, Reuse and Recycle" programs.

managing communication networks

"Integ Communications is a leading Australian provider of secure communication and data networks to organisations across Australia. With broad and deep capability across market-leading products, Integ solutions and services are underpinned by a flexible and agile approach to design, delivery and support. Integ Communications is part of the Integ Group and backed by the strength of its ASX Top 300 parent, UXC Limited."



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