



**SMART**  **WARD**  
**for IT Professionals**

**DATA**COM **Health**



# Technology With The Human Touch

**SmartWard is a state-of-the-art patient care management system that automates nursing records, manages workflow, and improves the quality and effectiveness of patient care. It is focused on giving doctors, nurses and other medical staff the highest quality support via high quality data. This reduces errors, helps manage resources and streamline costs.**

Put simply, it means doctors and nurses spend more time with patients, and less time on administrative paper work.

SmartWard is at the leading edge of IT in clinical practice. Simple to install, simple to maintain, and easily integrated with existing systems, SmartWard is the missing link in any comprehensive hospital IT infrastructure.

Most hospital systems are a myriad of hardware and software platforms clashing with each other, and a collection of paper trails that create administrative problems across the board. SmartWard replaces archaic paper-based, manual systems that are timeconsuming, error prone and costly.

## THE END OF PAPERWORK

It is a single system that cuts through complexity, provides an intuitive interface with rich data insights, ensuring that clinicians have an effective tool to get their job done, rather than spending hours on mind-numbing clerical work.

SmartWard sits with patients at their bedside, providing up-to-date information on scheduled activities, patient alerts and vital signs, allowing real time entry of treatment records. This gives clinicians access to patient histories in user friendly charts with decision support data, validating medication and patient IDs automatically via integrated smart sensors.

This medical grade system utilises user friendly touchscreens across any tablet or phone, and requires limited training to get up and running. Usability is a key focus, but SmartWard is also built to be reliable, safe and secure first and foremost.

## FUTUREPROOFED & INDUSTRY TESTED

SmartWard's industry leading data capture, analysis and application creates a system that can flow-on the benefits to your entire IT infrastructure. It inform other systems, drives continuous improvement and helps you expand into new functionalities. SmartWard utilises unique code generator technology to ensure it is flexible and adaptable to your needs. This essential infrastructure allows for integration of automated patient monitoring, resource management and staff allocation. The efficiency gains are immediate.

## AUSTRALIAN MADE

SmartWard is Australian made, and has been developed over five years after extensive consultation and input from industry leading clinicians.

Our development process included focus groups, structured ward observations, clinical simulations and culminated in a live clinical trial conducted by Deakin University's Centre for Clinical Nursing Research, which it passed with flying colours.

During the course of the trial, 57 changes were implemented in response to user feedback, without defect. Our robust and adaptable system architecture sets new standards delivering 21st century standards of healthcare across all providers.



## Industry leading technology

**Developed over 5 years with extensive input from clinicians**

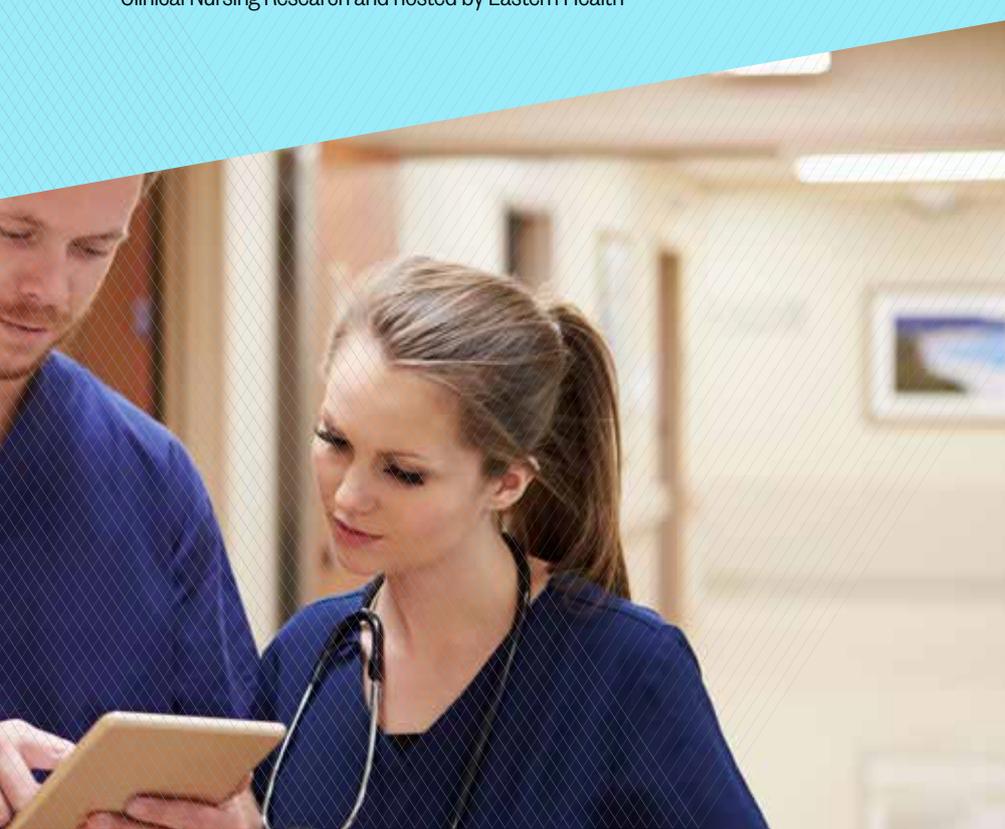
**HTML5 compliant**

**Quality compliant to ISO9001**

**Software written to medical devices standard ISO13485**

**One of very few software applications that has been subjected to a clinical trial**

\*Clinical trial conducted by Deakin University's Centre for Clinical Nursing Research and hosted by Eastern Health



## STANDARDS BASED COMPLIANCE

SmartWard's client application is fully HTML5 compliant, which means it will run on anything - from PCs, tablets and smartphones, through to large format displays - no matter the hardware vendor. SmartWard works with your existing IP network and integrates with existing identity and access management platforms. It understands hierarchical roles within your organisation, and can take advantage of role based access control to functions and data elements.

SmartWard's management controls are audited to ISO9001 specifications. The software has been specifically written to ISO13485, enabling compatibility and connection directly to medical devices and other telemetry deployed within the hospital. It is clinical grade, complying with workplace health and safety, bio-medical engineering and infection control standards. As well as being highly adaptable, SmartWard is high robust and reliable by design. It is built to the highest specifications for security.

SmartWard is supported end-to-end by Datacom, one of Australasia's largest IT service providers with greater than 50 years' experience in delivery to the public sector and health, including the Australian Department of Health itself.

Beyond the technical, we prefer to focus on the human. SmartWard has been built with medical experts for medical experts, ensuring a quality of care unparalleled in the industry.



**SMART** **WARD**

# for IT Professionals

**DATACOM** Health

Smartward is a system designed to make life in hospitals easier. Australian made, and using state of the art technology, Smartward is intuitive, easy to use and powerful – allowing you to use your hospital's data more effectively to produce the outcomes that suit your needs.

Smartward helps clinicians better leverage their existing resources and skillsets, to produce more effective results with less.

The end result? Clinicians can do the job they were trained for – helping patients.

**Automation:**

Helps nurses access records and manage nursing workflow

**Real time:**

Helps clinicians schedule and record treatment activities in real-time, creating a high quality record of care with unprecedented accuracy and depth

**Decision Support:**

The system automatically creates a chart of all clinical measurements and activities, making cross-referencing quicker, easier and more accurate.

**Macro-management:**

A view of activity across the entire hospital, the ward level and right down to individual patient beds.

**High integrity data:**

No more relying on crumpled up pieces of paper. Patient records are far more accurate, more detailed, more reliable, and more recoverable.

**Care:**

High quality data means high quality care, and less mistakes.

**Compliance:**

SmartWard supports NSQHS

**Standardisation:**

SmartWard uses contemporary, standardised technologies that ensure rapid deployment and integration, peacefully co-existing with your existing software platforms

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**Want to Learn More?**

Email [sue.mccarthy@datacom.com.au](mailto:sue.mccarthy@datacom.com.au)

Phone +61 3 9907 9700

[WWW.DATACOMHEALTHCARE.COM](http://WWW.DATACOMHEALTHCARE.COM)

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