

## The Complete Toolkit for Today's Digital Ward



Cambric's healthcare systems are developed through working closely with the NHS and Health Boards at all levels, giving organisations a significant edge in meeting the latest national policy requirements while still delivering many efficiency enhancements at a local level. Cortix breaks new ground in improving patient safety, using robust and effective wireless solutions. Clinical handovers, task management, ward boards and early warning scores combine to protect the patient from risk by enabling more complete and precise communication.

### Cortix at a Glance

#### Cortix is:

- **Easy to use** - accessible in real-time using both PCs and handheld devices.
- **Versatile** - you can pick and choose the modules you need, when you need them.
- **Fast implementation** - healthcare organisations praise Cortix for its user-friendliness and fast handling.
- **Complete visibility** - view the impact of all clinical activities on patient safety via a single screen.
- **Highly customisable** - configure and tailor dashboards to your exact requirements.
- **Proactive** - automatic triggers identify deteriorating patients more quickly to enable alarms and escalation.

Cortix wireless solutions add agility to running busy wards and other clinical facilities. At the click of a mouse or swipe of a mobile device, clinicians gain complete control of every aspect of a patient's care - from initial admission to final discharge - to keep them safe at all times. Cortix delivers versatile functionality across a comprehensive range of modules:

**Admission and Ward Boards** – Admission and Ward Boards make it easier for multi-disciplinary staff to instantly assess the status of each patient. Ward boards provide an inventory of current patients together with their status and consultant. Admission boards track newly-admitted patients in receiving wards. Use both to:



- Ensure patients are seen on time.
- Record medical interventions accurately.
- Standardise ward tasks to reduce administration.
- At a glance, view the status of each patient, with key clinical data displayed in a grid format or graphically to match ward layout.
- Customise ward boards to meet the exact requirements of ward staff.
- See delays in patient care in real-time then readjust tasks throughout the day or night.
- Tightly schedule and coordinate ward and other teams to reduce the length of stays for patients.
- Integrate boards effortlessly with critical applications including Social Care, Pharmacy and Intellectual & Development Disabilities (IDD) systems for a complete view of care policies and care pathways.

**Observations & EWS (Early Warning Scores)** – take proactive control of patient safety by calculating National Early Warning Scores (NEWS) or custom Early Warning Scores (EWS) with 100% accuracy. Real-time alerts and automatic escalation support clinicians in mitigating patient harm. Utilise Cortix to:

- Identify deteriorating patients more quickly to enable alarms and escalation.
- Set warnings thresholds, escalation rules and trigger settings by individual patient or patient type.
- Where a patient's condition deteriorates, automatically send an urgent message to the appropriate Healthcare Personnel (HCP) anywhere in the hospital, together with the latest Situation, Background, Assessment & Recommendation (SBAR) and clinical information.
- If the message is not acknowledged, Cortix automatically manages the call escalation.
- Tap into a range of innovative respiratory & heart rate entry tools to cover the most critical clinical conditions.

**Safety bundles** – make Cortix an essential part of compliance and risk management strategy. Cortix can be relied on to:

- Provide real-time compliance tracking without the need for paper forms.
- Manage infection control data.
- Quickly obtain evidence-based information to monitor the most serious risks to patient safety including Central Venous Catheter (CVC), Premature Ventricular Contraction (PVC) and Catheter-associated Urinary Tract Infection (CAUTI).

**Task Management** – Frequent shift handovers between multi-disciplinary teams can adversely affect patient safety and task management but these can both be tackled through better task planning and coordination. Cortix helps healthcare organisations to improve patient safety and clinical effectiveness through better task planning. Utilise this functionality to:



- Rationalise tasks by type, patient, or ward to develop an efficient work plan.
- Standardise tasks to encourage consistency of care.
- Action changes to tasks instantly.
- Easily reassign tasks to teams or individuals at any time.
- Create a detailed audit trail of all tasks.
- Guard against omissions or duplications especially where multiple tasks are requested.
- Encourage collaboration and coordination between multi-disciplinary teams.
- Improve communications throughout your organisation.
- Ensure safe and efficient patient transfers.

**Wireless Handovers** – delivers significant patient safety benefits. Using the proven SBAR protocol – central to safe handovers for clinicians, nurses and Allied Health Professionals (AHPs) – the wireless Cortix

system reduces the patient safety risk arising from handover errors. Use Cortix Wireless Handovers to:

- Encourage completeness and precision during clinical handovers.
- Create a detailed audit of handover activities.
- Highlight any key changes in handover activities.
- Reduce handover error.
- Combine with Admission and Ward boards to improve handovers from admissions and transfers.

### Key Benefits

Cortix provides a complete view of activities across multi-disciplinary teams to keep patients safe at all times while intelligent automation flags up key risk areas to focus resources where they are needed most. Cortix strengthens patient safety frameworks while releasing the following benefits:

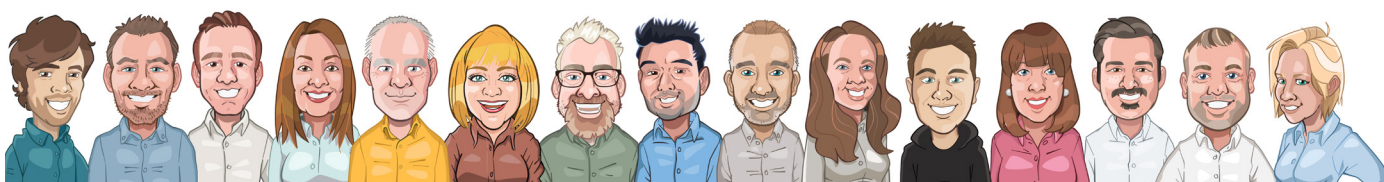


- **Seamless integration** – with specialist hospital applications such as Admission Discharge & Transfer (ADT), Electronic Patient Record (EPR) and Intellectual Development Disabilities (IDD) provides a complete view of patient safety.
- **Transparency** – Tasks are visible across multi-disciplinary teams and the status of tasks can be checked instantly. Tasks can also be analysed in numerous ways – by consultant, ward or speciality – to foster greater collaboration and encourage consistent ways of working.

- **Versatility** – No need to take the ‘big bang’ approach. Organisations can select the modules most likely to deliver the quickest benefits, for a ‘quick win’ to gain stakeholder buy-in, and phase implementation across wards and departments over a number of weeks.
- **Swift implementation times** – Clients appreciate the intuitiveness of screens and fast handling of the Cortix solution. It can be implemented in just weeks rather than months. At Cambric, we work hard to guarantee a swift and smooth implementation process by providing familiarisation sessions and super-user training on-site or online, remote installation using a secure connection and even populated training and test systems for you to experiment safely before going live.
- **Faster clinical response times** – Cortix is available using both PC and handheld devices while automation speeds up processes and facilitates complete visibility of patient safety activities across a variety of healthcare settings.

Nothing falls between the cracks because any outstanding tasks move with the patient, together with the clinician and their task history.

- **Improved patient safety** – intelligent technology automatically generates warning triggers when safety thresholds are in danger of being breached. Meanwhile, escalation calls can be handled by specialty across the hospital or group of hospitals to ensure the right patients are treated by the right clinicians in a timely manner.
- **Better planning** – delays in patient care are shown on the ward boards, allowing ward staff to bring forward tasks where possible. Tighter scheduling and coordination with other teams reduces the lengths of stay for patients, a positive outcome that is proven to speed up the healing process.
- **High levels of security** – Cortix is web-based and stores no information on the device itself. Sessions are protected by passwords and/or PINs. If a device is lost or stolen, the data will be inaccessible.



## About Cambric Systems

Cambric provides powerful, flexible, and intuitive healthcare software solutions that deliver critical patient information to the clinician and health care professional at the point of care whether on the ward, in the clinic, or in the community.

We have been working with NHS health boards and trusts for over 20 years to ensure they obtain maximum benefit from their Cambric solutions through our collaborative approach and a blend of trusted support and consultancy services.

### Contact us at:

Cambric Systems Limited | PO Box 7012 | Forfar | DD8 0BN  
01382 217050 | [hi@cambric.co.uk](mailto:hi@cambric.co.uk) | [www.cambric.co.uk](http://www.cambric.co.uk)

