

CareConnex

Interactive patient care solution



BARCO

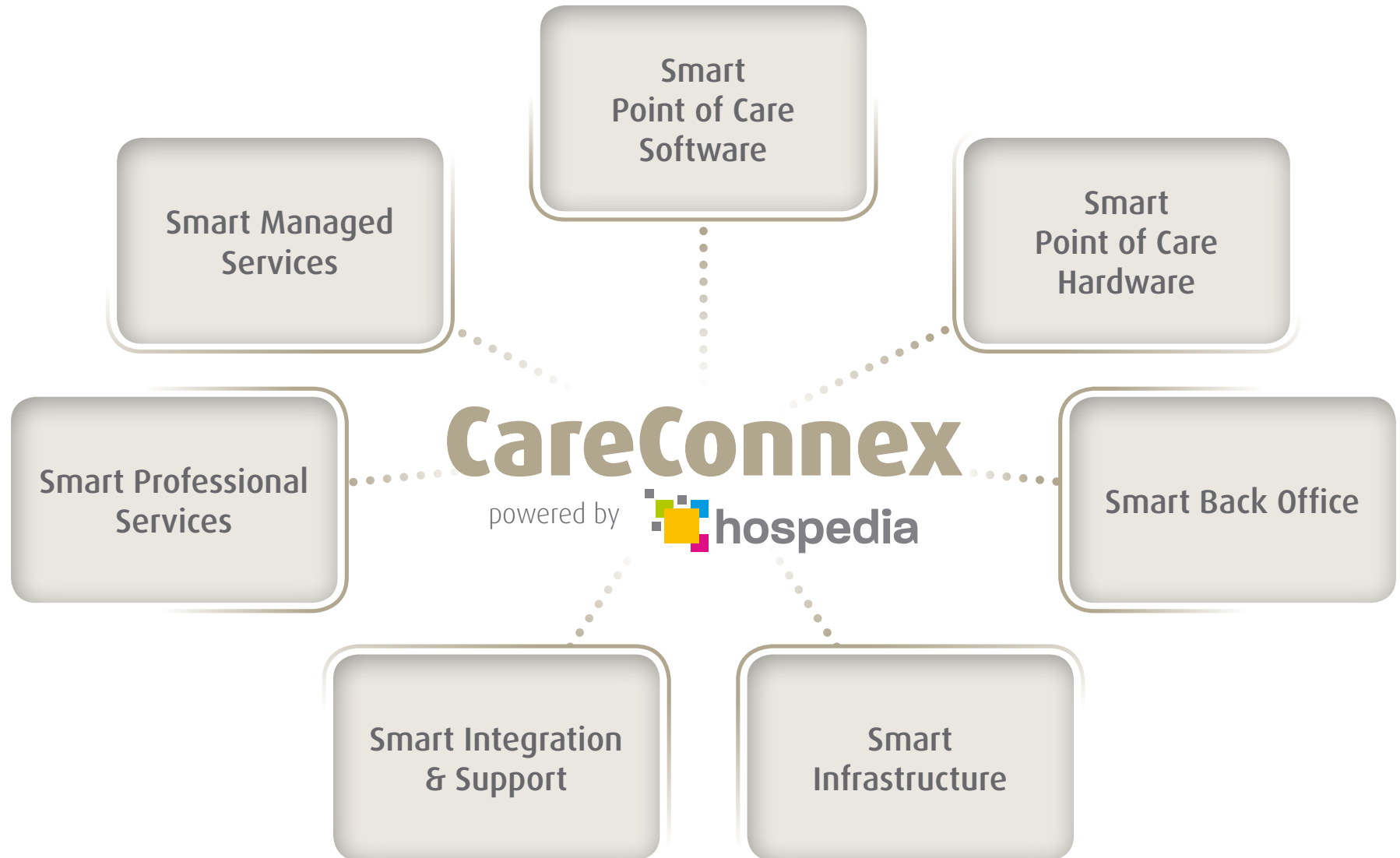
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A new era of patient care

Despite the challenge of reducing cost and the projected shortage of skilled medical professionals, improving quality of care and patient satisfaction are the leading priorities in healthcare today.

With digital technologies like the Internet and social media impacting the patient experience, we have entered a new era of patient care. A growing awareness that patient empowerment leads to increased patient satisfaction as well as economic gains makes healthcare providers go the extra mile to cater to their patients' needs.

Barco's CareConnex solution for interactive patient care fully addresses the key priorities in today's competitive healthcare industry. Turning the point of care into a fully collaborative environment, CareConnex raises clinical productivity and patient comfort to the next level, allowing healthcare organizations to focus on what they do best: providing care.



For a personalized patient experience

Satisfying patients' needs is a first step towards patient focus. That is why service differentiation becomes increasingly important. Provide your patients with high-quality entertainment and communication services at the bedside. And improve their hospital stay, with just a minimum of effort.

The CareConnex patient media software is easy-to-use and provides self-service access, including easy payment options, to a host of services that have become commonplace in life outside the hospital. Patient media software helps manage patient communication needs more effectively, enabling direct communication with hospital staff and family at home, and freeing up nursing time to focus on patient outcomes.

Maximize return

An extensive administration system allows administrators to manage the core solution configuration and the quality of service. The system provides its own content for video on demand so there's no need for local partners or integrators. What's more, CareConnex enables bundling and promotion of services to encourage use and maximize yield.

Satisfy patients' needs



Did you know?

- Low health literacy is linked to higher rates of hospitalization.
- Patient education could save the US economy **\$238 billion** per year.
- Real-time patient feedback could improve the patient care experience by **4.5%** each year.
- The US government reserves **\$1 billion** for hospitals with high patient satisfaction scores.

For a smoother recovery

Hospitals facilitating patient participation can expect increased patient satisfaction as well as economic gains. Through education, information, control and feedback options, involve your patients in the care process and empower them to improve the quality of their care while boosting patient satisfaction scores (e.g. HCAHPS).

“The response rate is good and the real-time reporting at ward by ward level is really useful, allowing us to act upon the results instantly... Importantly, the system does not rely on staff to operate and therefore patients feel more at ease when completing surveys.”

Bridget Lees, Lead Nurse and Clinical Advisor, Southport & Ormskirk NHS Trust

HEALTH INFORMATION

Improve patient understanding

MEDICATION INFORMATION



Inform patients on drug use, interactions and side effects.

PAIN MANAGEMENT



Teach patients about pain relieving treatments and results.

EDUCATIONAL VIDEOS



Offer an in-depth look into various health-related topics.

HOSPITAL INFORMATION



Deliver key hospital and facility information to patients and their loved ones.

Improve the patient experience

FROM THE BEDSIDE



Capture real-time patient feedback and address patient needs.

POLLING AND PROMOTION



Capture patient feedback on any topic at any time – within the hour.

FRIENDS AND FAMILY TEST



Monitor customer feedback and track hospital performance.

PATIENT FEEDBACK



For improved productivity

IT solutions deliver significant benefits to patients and healthcare professionals, including patient well-being, improved clinical workflow, and reduced length of stay. But frequently, these benefits go unrealized, resulting in clinical staff duplicating efforts and working inefficiently. By giving healthcare workers access to a wide range of applications directly at the bedside, CareConnex helps improve clinical workflow and productivity, freeing up time and resources to spend on actual patient care.

“The Electronic Meal Ordering system means patients get a wider choice of menu, and they order and consume their meals on the same day. This greatly enhances patient experience within this hospital.”

Denise Richardson, Hospital Catering Manager, Royal Bournemouth & Christchurch Hospitals NHS Foundation Trust

Improve operational efficiency

PACS, HIS & EMR



Log into various hospital systems via Single Sign-On for secure access to, and entry of, medical data.

E-PHARMACY



Prescribe medication electronically for quick delivery and improved patient safety.

BLOOD RESULTS AND ORDERING



Order lab and blood tests or view the results at the touch of a button.

PATIENT ADMISSION SYSTEMS



Update and share information about a patient's location, needs, and referrals.

Free up time and resources

ELECTRONIC MEAL ORDERING



Let patients order their meals or have someone to do it for them electronically.

PERSONAL PREFERENCES



Take into account personal food preferences and individual dietary needs.

Did you know?

- **20%** of medical tests are ordered a second time because previous results cannot be found.
- **80%** of “error chains” are caused by miscommunications between physicians, misinformation in medical records, mishandling of patient requests and messages, inaccessible records and inadequate reminder systems.
- Implementation of EMR in the US could save from **\$80 billion to \$100 billion** per year.
- Clinical access at the point of care could save hospitals the equivalent of **14** members of staff.

Integration & installation

Enterprise-wide integration

With hardware and software made for each other, CareConnex is the industry's only completely integrated offering for interactive patient care. It enables enterprise-wide integration with your own business tools and processes and ensures seamless collaboration with all hospital applications for a patient-centric workflow.

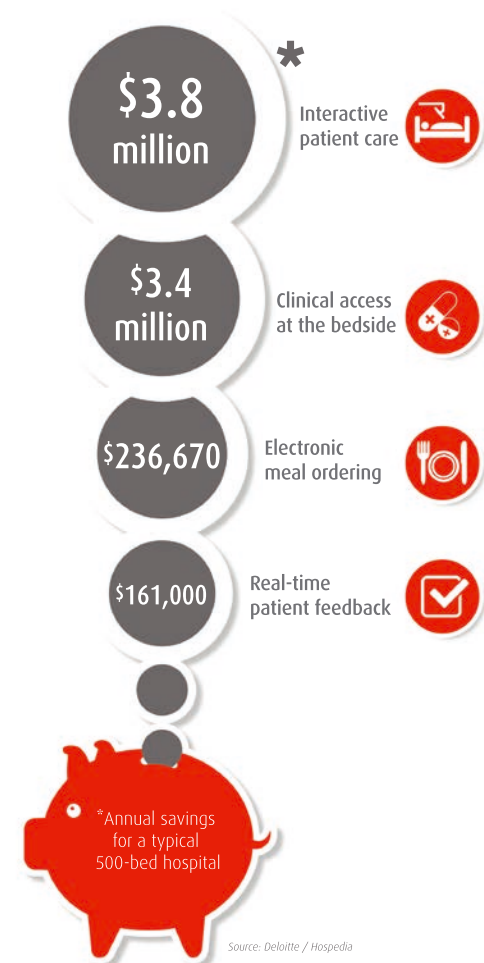
Designed for operational sustainability

CareConnex can be installed on sites with no existing infrastructure, or make use of the existing infrastructure to maximize efficiency and ROI. The modular structure allows you to adapt as you need to and to expand as you grow. Its centralized architecture ensures minimal downtime.

Designed to deliver ROI

Driving improvements in staff efficiency, quality of care, and patient satisfaction, CareConnex offers clinical as well as financial gains (e.g. reducing readmission costs, increasing hospital reimbursement...). Additionally, the flexibility of the platform also enables bundling and promotion of services to create a new source of revenue stream.

From a cost-containment perspective, CareConnex consolidates various hospital systems (telephony, television, Internet, patient whiteboard etc.) into a single-vendor solution, minimizing hardware and service costs.





Smart hardware for optimal comfort

Patient Media, Patient Engagement and Clinical Access software are delivered on CareConnex Smart Terminals. The terminals come in various formats to provide optimal comfort and convenience. They are available in wall-mounted, ceiling-mounted, or tabletop options for easy viewing.

Ultra-ergonomic design

Smart Terminals are fan-less, resulting in almost silent operation to ensure maximum patient comfort. A unique cable management system ensures a clutter-free set-up. The latest models can be tilted, rotated 170° and come with a touch-screen keyboard.

Fit for hospital use

Smart Terminals are waterproof, dustproof and tested with hospital cleaning agents, which allows for effortless cleaning and complete disinfection. The terminals are built with anti-bacterial plastics and are IP-rated to avoid the spread of contaminants.

Consumer-designed performance

CareConnex hardware has been designed to meet today's high demands in terms of computing. The intuitive graphic interface, high resolution, and user-friendly design ensure a perfect user experience.

Everything you need, and more

CareConnex accessories are specifically designed for use with the Smart Terminals to improve the overall performance of the system. Accessories include mounting arms, wall boxes, handsets, card readers, remote controls, and medical keyboards that indicate when they need to be sterilized.



ST-150A



15" all-in-one touch screen computer with XGA (1024 x 768) resolution

ST-150B



15" all-in-one touch screen computer with XGA (1024 x 768) resolution

ST-154A



15.4" all-in-one touch screen computer with WXGA (1280 x 800) resolution

ST-185A



18.5" all-in-one touch screen computer with WXGA (1366 x 768) resolution

ST-185C



18.5" all-in-one touch screen computer with WXGA (1366 x 768) resolution

ST-185B



18.5" all-in-one touch screen computer with HD-ready (1366 x 768) resolution



Supporting healthcare professionals a billion times per year

More than a billion times each year, healthcare professionals rely on Barco to make life-critical decisions. Every day, Barco provides them with unmatched image quality and superior workflow efficiency so they can deliver the very best in patient care.

Barco's comprehensive product offering includes leading-edge displays for radiology, mammography, surgery, dentistry, pathology and modality imaging, along with clinical displays for healthcare specialists, digital OR systems, and solutions for interactive patient care.

Barco's commitment to quality has earned the trust of customers from all over the world, who partner with Barco to meet the most demanding challenges. This partnership approach is also reflected in Barco's worldwide customer service network, ensuring professional support, wherever you are, whenever you need it.

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www.barco.com/healthcare

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