BCS *Systems*

Solution overview

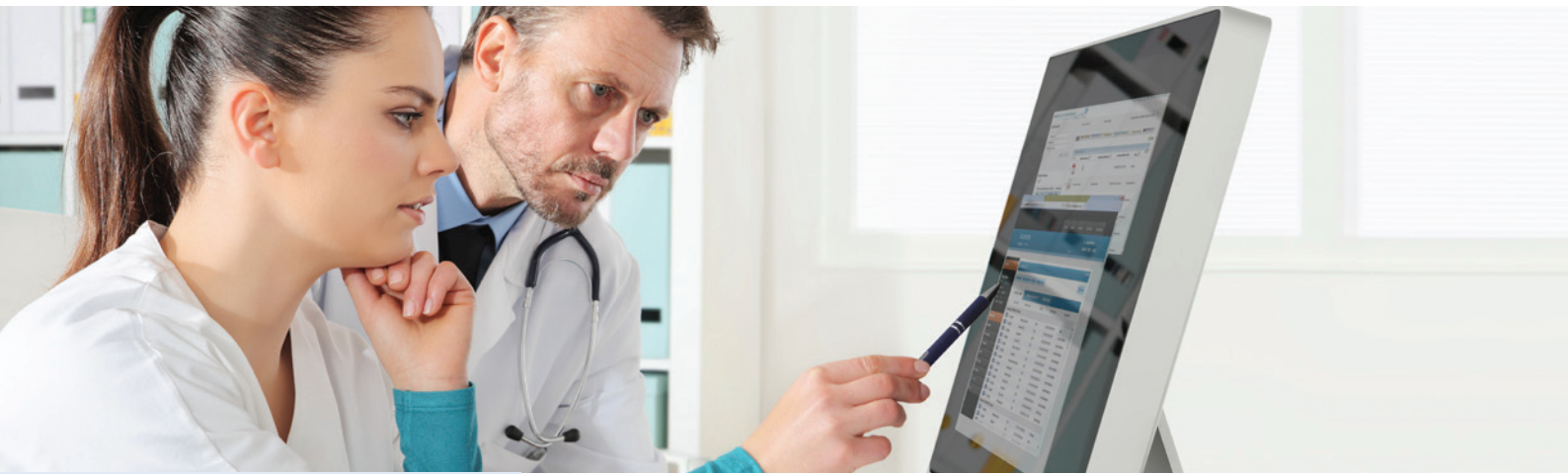# BCS Intelligent Forms Automation for Healthcare

Leverage the power of Intelligent Forms Automation to drive your digital transformation

Decrease manual, redundant and paper-based workflows

Increase productivity with automated processes

Eliminate costs associated with creating and managing paper forms

Improve patient care

The healthcare industry faces rising costs, declining profitability and widespread inefficiency. In addition, the industry must deal with a fast-changing regulatory environment and constant pressure to improve quality, safety and access. Healthcare professionals are bogged down with paper-based processes, manual data entry, a lack of mechanisms to track and manage critical assets and data and, in many cases, isolated information systems that are unable to share data.

Healthcare Providers are increasingly seeking patient data collection and workflow capabilities in their solutions to gain an edge in the market. It is critically important to provide patients and healthcare information technology (HCIT) users with a ubiquitous, seamless and intuitive digital experience. When it comes to embedding high-value data collection, eForms, workflow technology, clinical/non-clinical content aggregation and integration technology, BCS is an obvious choice.

Leading healthcare companies use healthcare Enterprise Information Management solutions to discover, analyze and process information. BCS enables health professionals to get accurate and up-to-the-minute access to research, regulatory interpretations, medical histories and the real-world experience of fellow physicians, nurses and administrators—to quickly make better decisions and improve patient care. Medical care providers can respond faster to the public, who are demanding higher quality services online, over the phone and face-to-face.   Healthcare organizations are enabled to improve clinical care, enhance collaboration, maintain regulatory compliance and raise patient satisfaction.

BCS Intelligent Forms Automation is designed for inherent embeddability. Data collection, workflow and the routing system is flexible, easy to integrate and is a highly customizable solution. More importantly, you want an enterprise, web-based ready solution that intrinsically scales and grows with your needs. BCS understands that healthcare providers have unique requirements for patient, clinical and non-clinical information onboarding and comprehensive workflow data routing and data aggregation technology. That is why the solution is built from the ground-up to be embeddable.

Intelligent Forms Automation offers healthcare organizations numerous ways to streamline those workflow processes left untamed by EMRs and other Healthcare IT systems, increase productivity and enhance patient care. The following are just some of the benefits that enable healthcare organizations to achieve a substantial ROI.

Increase revenue opportunities

CIOs are ranking EHR integration, ease of use for patients and fulfilling clinician needs as top business priorities. Keeping pace with Internet of Things, artificial intelligence, analytics and mobile initiatives are also top of mind for healthcare IT leaders. The BCS solutions portfolio leverages these technologies, enabling improved patient care and services, which lead to increased revenues.

Reduce development costs

BCS products are designed to make it easy to add new and advanced capabilities into your applications without significant re-engineering or training. This reduces development time and cost—and accelerates time to value.

Enhance User Experience

Embedding Intelligent Forms Automation's advanced capabilities empowers your organization with accurate and timely access and automation of relevant information. This provides a significant competitive advantage by managing the flow of information and providing your users with the best experience.

Leverage innovative technology

BCS's discrete data collection, electronic forms, workflow, clinical aggregation and system integration solutions accelerate the release of your next-generation application. Staying ahead of the curve is challenging to do on your own. BCS's technology is a result of more than 30 years of experience across multiple industries.

Leverage existing technology investments

BCS ensures effortless integration with existing healthcare IT systems, content management and other back-office systems. Automated collection and processing of paper and digital forms facilitates faster and more accurate responses to internal requests, which increases employee productivity.

Provider: Patient and treatment data collection

Many healthcare organizations need to report on client satisfaction, treatment and patient outcomes to demonstrate accountability and justify spending public healthcare funds. Also, compliance to Meaningful Use is top of mind for many CIOs and CMIOs. This requires sophisticated work-flows automation to collect, analyze and report on treatments. Intelligent Forms Automation offers clear ROI for these workflows and processes by providing tools to quickly and easily design rich eForms, for delivery online and through mobile apps.
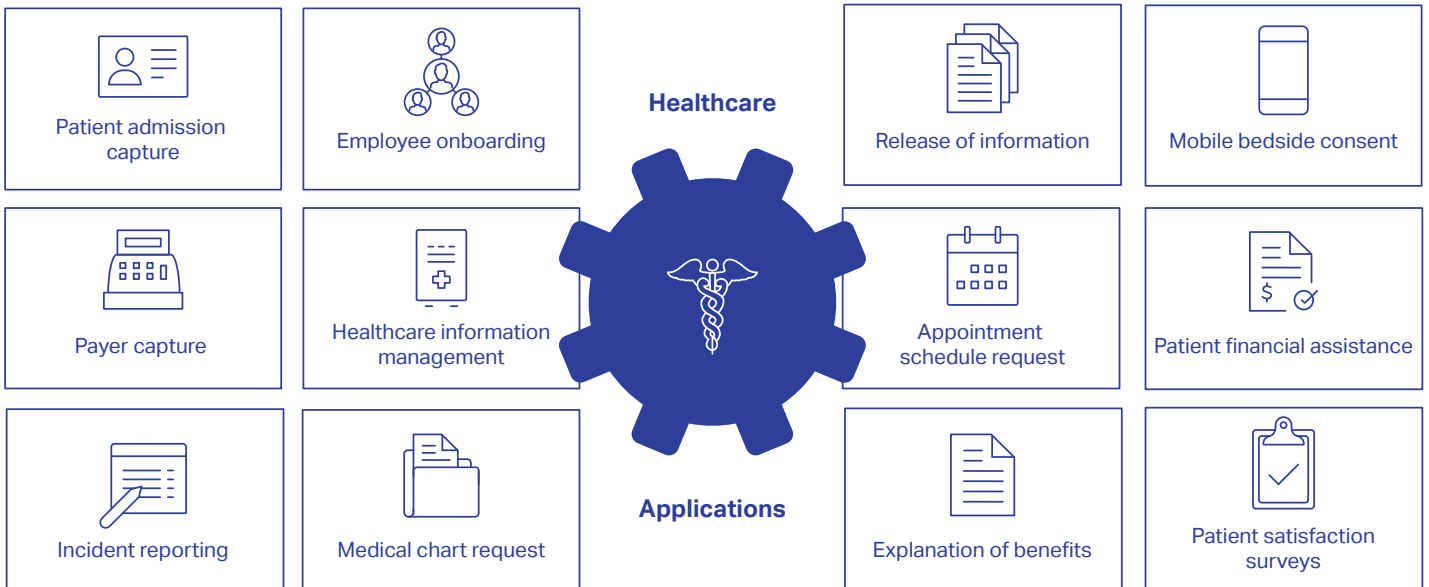
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Technology summary

Capture: Intelligent Forms Automation enables end users to efficiently capture and archive paper and unify all paper-based processes throughout the enterprise, even in different departments, businesses and geographies. This unified approach ensures a consistent experience and full audit trail of all information. The design ensures zero down time and unlimited scalability as the number of documents flowing through increases. The solution intelligently identifies any structured form or document type and automatically processes and validates without manual intervention, virtually eliminating human intervention and errors. This is reflected immediately in an end user's bottom line.

Data collection and workflow automation: Intelligent Forms Automation redefines clinical workflows, existing outside of the EMR by accelerating cycles, ensuring compliance and connecting healthcare providers with information and processes, regardless of location. Plus, it enables real-time access to, and use of, time-sensitive big data throughout clinical workflows. BCS solutions include everything your end users require to automate and more effectively manage clinical and non-clinical workflows.

BCS intelligent eForms provides a powerful and intuitive web-based solution for creating, deploying and automatically managing electronic forms throughout the healthcare enterprise. eForms capabilities range from internal web forms to the comprehensive rules-based wizard and mobile forms that drive the core of an organization's business. Intelligence is built directly into the forms to improve data accuracy and determine the correct processing.

BCS Intelligent Forms Automation is used in solutions addressing health information management, revenue cycle management and patient financial assistance. It is also used to address EMR or HIS gaps or module support in the areas of register, triage, treat, assess, admit, discharge and many other paper-intensive or manual workflows.

Patient admission capture

Employee onboarding

Healthcare

Release of information

Mobile bedside consent

Payer capture

Healthcare information management

Appointment schedule request

Patient financial assistance

Incident reporting

Medical chart request

Applications

Explanation of benefits

Patient satisfaction surveys

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