

# Healthcare



“Telligent has unparalleled focus, experience, and skillsets to provide application design, development, and testing services to its Healthcare IT customers.....”

## Challenges Facing the Healthcare IT Industry

There is a growing list of challenges the Healthcare IT world faces today, including mushrooming costs, evolving technology landscape, increasing regulations, burgeoning security threats, and increasing competition. Telligent is experienced in leveraging technology to focus on such complex challenges and to help you optimize your business processes, to reduce costs, and to meet regulatory compliance requirements.

## Healthcare IT Specialties Where We Can Help

**EHR and HIE Applications:** Sharing Electronic Health Records (EHR) between healthcare providers, Health Information Exchanges (HIEs), and other healthcare organizations continues to be the challenge the healthcare industry is facing. Interoperability of all systems is essential to the healthcare enterprise, firms should partner with someone who can dedicate the time and attention to solving these challenges. Telligent understands the complexities of sharing sensitive data and the interaction of the EHR and HIE systems.

**Practice Management:** Practice management software allows users to set patient appointments, to capture patient demographics and to bill patients and insurance companies. Practice management software should integrate with EHR's and Revenue Cycle Management applications for optimum efficiency. Telligent's team of Healthcare IT experts has the skills to ensure your products provide the smoothest integration and transition.

**Revenue Cycle Management:** Regardless of its size, healthcare organizations face common challenges when dealing with revenue cycle management. These challenges include how to overcome the delays and errors associated with processing paperwork, how to capture and process EDI streams, how to deal with exceptions, and how to provide information access to coders and other staff working in remote locations. Telligent helps ensure your applications lead to a smoother process to maximize your billing functions, to improve your cash flow, to reduce your rejection rate, and to increase your staff's efficiency.

**ICD-10 Transition:** Continuing the progress with ICD-10 implementation is the new challenge. The ability to track and measure outcomes such as productivity, reimbursement, claim submission or cash flow is key when it comes to ICD-10 implementation as it can show a provider how far your organization has progressed. Tracking Key Performance Indicators (KPIs) will help detect potential issues. The focus will continue to be meeting these standards with a minimum impact on the organization. ICD-10 codes will be updated annually, a strategy for maintenance of the applications needs to be reviewed. With Telligent's extensive experience maintaining healthcare applications, your staff can be assured that the latest standards are met.

**Healthcare Analytics:** Data aggregation from disparate systems to obtain a comprehensive view and utilization of data for better decision making aids process improvements and innovative service delivery. Healthcare analytics software should allow you visibility into the strategic financial trends inside and outside your facility. Telligent's analytics professionals can identify and greatly improve the BI or analytics software applications you currently have to help increase efficiencies.

**Meaningful Use:** With the challenges of Stage 2 MU requirements still fresh in our minds, organizations must plan a strategy to address the updates and the new requirements that are sure to be implemented. Continuing to improve on the progress of patient-controlled data, health information exchange, e-prescribe and increased interoperability across multiple settings will set your products apart. We are uniquely qualified to help you continue your MU progress, building applications to enhance your current and future MU criteria, and QA testing for all requirements set to come.

**Accountable Care Organization (ACO):** An ACO is a delivery reform model charged with the overall goal of improving delivery of better care by reducing the total cost of care. Reducing duplicative care and potential medical errors are some of the main goals of an ACO. Telligent's team of ACO professionals can improve healthcare analytics applications to create metrics which help ACO's work together and achieve requirements.





**Interoperability:** Creating integrated platforms for transforming health and care delivery is the goal of interoperability. Healthcare agents must optimize the interoperability of their HIT systems to achieve the goals of increased data exchange and interpretation of personal health information. Telliant has used standards such as FHIR developed by HL7 successfully with clients, we continue to update our knowledge of the best practices.

**Mobile Health:** As mobile devices are adopted for use in health care, they provide great opportunities for improved workflow, communication, accessibility, end user efficiencies and effectiveness, as well as user satisfaction. Telliant's team of mobile development experts can help you navigate the intricacies of mhealth, from simple mobile apps for database searches to accessory apps for connection to parent medical devices.

**Healthcare Informatics Imaging- RIS/PACS:** Increasing and improving workflow across departments is a goal of healthcare informatics. One challenge is to ensure that the Radiology Information Systems (RIS) and Picture Archiving Communication Systems (PACS) are fully integrated into the EHR systems with no interoperability issues. To effortlessly acquire, distribute, and archive medical images across enterprises is the responsibility of your technology partner. Telliant exceeds the needs of their partners with dedicated teams who possess technical expertise to improve medical imaging

### Services Offered:

Telliant offers a variety of services in the Healthcare IT arena that can help your organization not only take advantage of its global talent pool, but also work with you to tailor an engagement model that will maximize your ROI and position you to lead your market segment.

**Application Development:** Telliant is a full service software development organization with a commitment to best practices. We help you **architect, design, develop, and deliver** your software applications quickly, efficiently, and cost effectively.

**Software Testing:** Testing and validating software applications is a core strength at Telliant. We meticulously follow testing standards, using cutting edge tools to help organizations test and validate their applications. Our Enterprise QA practice will augment your software development, making your applications ready for **optimal use**.

**Performance Engineering:** Software applications have become mission critical components of business. It is very important for your applications to perform at peak efficiency. Telliant has extensive experience in **performance tuning** and benchmarking software applications.

### Technology Specialties

Telliant leads by example in continuously developing its expertise in the constantly changing world of software technology. We are a **Microsoft Certified Partner** and continue to build our skills in the .NET specialties. We have experts in all technology areas:

- > Microsoft .NET, SQL Server SharePoint, Silverlight
- > Azure Cloud, Amazon Web Services
- > Java, J2EE, PHP, MySQL, Linux
- > Mobile Platforms: iOS, Android, Windows

### Engagement Models

Telliant offers multiple engagement and delivery models to meet the diverse needs of regional and global clients. You can choose from any one of the generally accepted models below or a combination of them for different phases of your project. We can work with you to customize a mode to address your specific need.

**Turnkey model:** Compliments the internal resources and skill-set of each customer. With full project analysis and management, an integrated approach of the coordinated teams, Telliant can take a client's requirements and develop a tailored plan.

**Dedicated model:** As an extension of a client's team, Telliant assembles a team based on the requirements of the client. This approach is ideal for expanding your resources to include engineers with an essential expertise. Teams are then trained for the client's prerequisite need.



Practice Management



Healthcare Cloud



EHR

#### Corporate Office:

##### Telliant Systems

3180 North Point Pkwy  
Suite 108  
Alpharetta, GA 30005  
USA

Tel: 678.892.2800

Fax: 678.892.2809

Email: [info@telliant.com](mailto:info@telliant.com)