

IT Solutions in Healthcare : An Overview

Healthcare is among the world's largest industries and is a market that is highly competitive and heavily regulated in most countries. Medical practices and large hospitals are challenged continuously to improve quality of patient care and customer satisfaction, while lowering costs and increasing revenues. Technology has a very important part to play in making this happen.

Healthcare is information intensive, and stands to benefit significantly from the information, communication, online and remote access capabilities of the Internet and emerging technologies. Here are some of the ways information technology can benefit healthcare practice.

- EMR (EHR) and Practice Management Systems can help improve patient care by providing fast, simple, and intuitive access to administrative and clinical information for doctors, nurses, executives, and financial analysts.

- Enforcement of regulatory standards and guidelines (e.g. HIPAA and HL7 in the USA,) is possible.

- Telemedicine enables global consultations, case discussions, virtual staff meetings, etc.

- Potential for a National Health Information Network (NHIN) that delivers information on both clinical and administrative information such as costs, reimbursements, treatment success rates, etc. A solution like this can help providers access required patient information, analyze and compare quality and efficiency of their primary processes, and establish national benchmarks.

- Enable internal and external integration across Providers, payers, and public health organizations by making it possible for them to share data with each other. Similarly Hospitals, labs, clinics, and pharmacies can share data using standardized rules and formats (e.g. HIPAA and HL7 in the USA).

NewCreationIT provides custom software development and a range of software solutions for the healthcare industry. Our core objective is to facilitate the best possible patient care while ensuring maximum return on investment. To learn more about our company, our services and how we can assist your business, please contact us: business@newcreationit.com or submit a request online.