

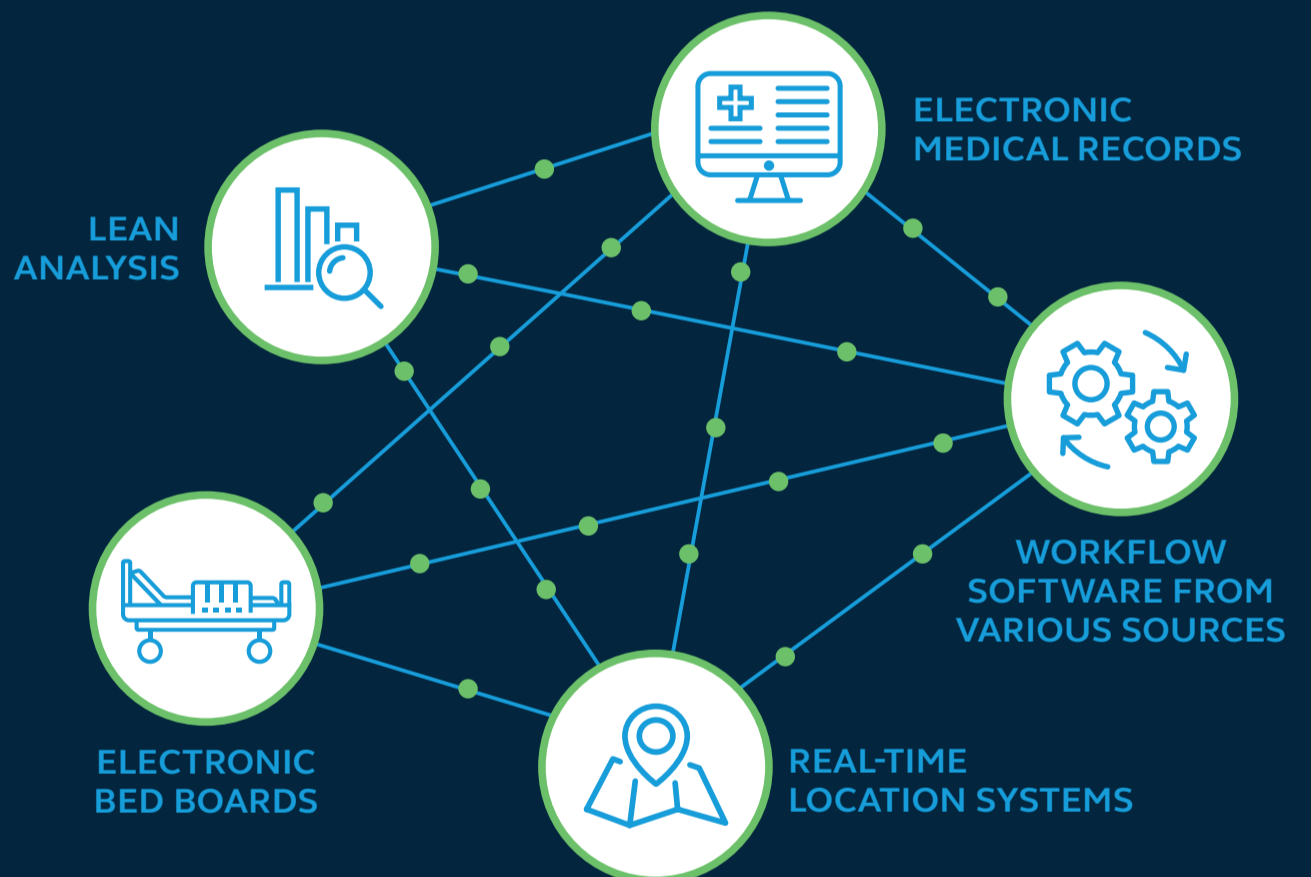
COMMAND CENTERS

Advancing Technology to Prepare for Future Health Crises

Serving as collaborative communication hubs, command centers in healthcare facilities are quickly becoming an essential operational ingredient to coordinate disparate clinical and non-clinical activities that are actively interdependent.

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DIGITAL TECHNOLOGY SERVICES

With the increased use of remote monitoring, coordinated action plans become increasingly necessary to ensure timely patient care when needed, this is particularly important in chronic care management. Likewise, coordinating region wide services to create a virtual hospital capturing the many facilities bound by a single purpose – to serve the healthcare needs for the community – would give greater accessibility to all services and increase the effectiveness of the system to the community.

Utilizing Blockchain technology could be advantageous due to its accuracy and security in regard to healthcare information. Blockchain technology can solve potential interoperability problems between the differing parts of a region's healthcare organizations and can create decentralized record systems with multiple locations that can be shared with multiple entities in the healthcare system.

REMOTE MONITORING/ TELEHEALTH

Remote monitoring/telemedicine will become more effective and efficient when connected to a command center. The adoption of telemedicine technologies will play a much larger role in not only chronic health management but also with emergent/critical care management. Telemedicine places a large burden on communication systems, and these must also be planned with expansion in mind. Clinic appointments, material deliveries to the home and nurse/physician home visits would be coordinated within the command center to ensure the efficient and effective use of staff time and material delivery as well as patient transport when required all with 24/7, uninterrupted service.