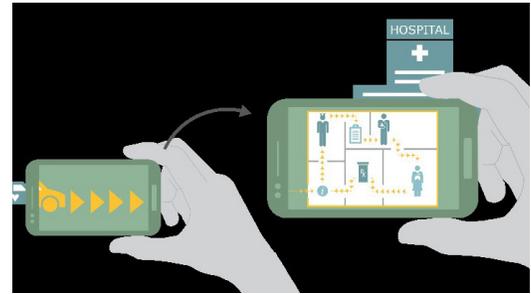
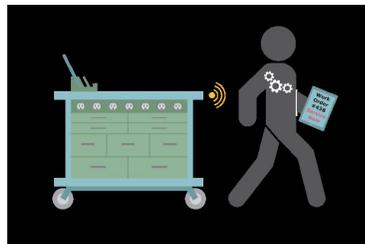
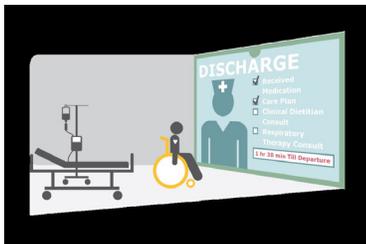
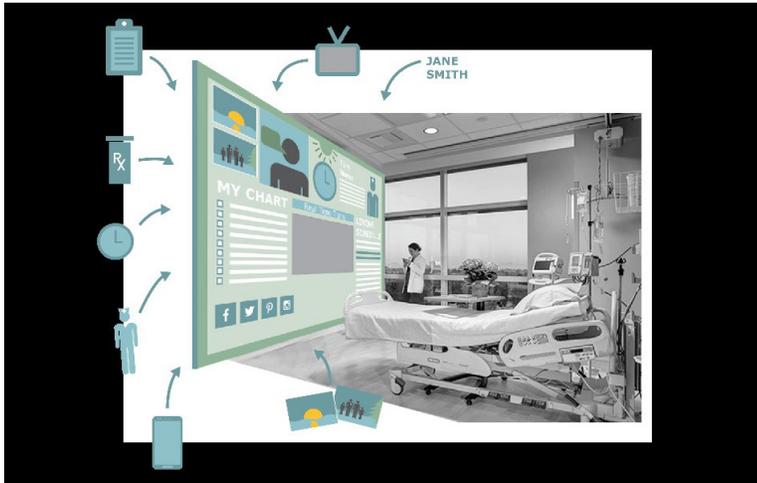


Ohio State University Wexner Medical Center: Technology Visioning Columbus, OH



Services:

- Strategic Planning
- Technology Visioning

Technologies:

- Audiovisual Systems
- DAS
- Patient Engagement
- IT Infrastructure and Systems
- Nurse Call
- Real Time Location Systems
- Other Low Voltage
- Security Systems
- Telecommunications
- Videoconference
- Wireless Network

Benefits:

- Identified the key use cases where technology can be leveraged to improve patient care, patient and family engagement, staff communication, clinical systems and medical center operations
- Prioritized what technologies and systems to focus on during each step of the design phase and provided Last Responsible Moment dates for making technology-related decisions
- Built collaborative communication pathways to get interdisciplinary teams talking about improving processes and workflows with the help of technology

The Ohio State University is taking a major step forward with the development of a new patient tower that will enhance a unified Wexner Medical Center complex providing cutting-edge research, outstanding clinical training and world-class patient care. The new patient tower will include 840 beds, 60 neonatal intensive care unit bassinets, state-of-the-art diagnostic, treatment and inpatient service areas, and leading-edge digital technologies to advance care and teaching.

Vantage embarked on Technology Visioning for the new Patient Tower to predict what technologies, and integrations between technologies, should be planned for in the new tower. Healthcare is undergoing significant change as technology advances, population attitudes and regulatory requirements evolve, and the Technology Vision will be critical as the project team responds to these trends, risks and opportunities.

The Technology Vision anticipates the continuing evolution of the healthcare landscape and makes provisions for technology services, applications and systems that positively contribute to the following four areas: Patient and Family Engagement, Staff Communication, Clinical Systems and Medical Center Operations.

Each interdisciplinary team worked on "ideal-state" Day in the Life scenarios and distilled them into a series of Use Cases that describe how technology will contribute to the project. Then they were assessed for the value each offered tempered with the estimated cost to develop and deploy the use case in the new tower and throughout the campus, and the technological risk associated with the systems to support it.

Vantage's final report identified recommended, suggested, and optional use cases and provided descriptions for each technology system, the impact on the rest of the campus buildings, and Rough Order of Magnitude (ROM) cost estimates along with Last Responsible Moment dates for making technology-related decisions.