## healthcare design BREAKING TRACUGH

# A CONCEPTUAL DESIGN COMPETITION FOCUSED ON IMAGINATION+INNOVATION

## DATA INFORMED PERIOPERATIVE PLATFORM VISION

#### SUBMITTED BY:

#### ST. ONGE COMPANY

DESIGN TEAM: Sean O'Neill, Executive Vice President; Tom Redding, Director Healthcare Services; Dave Dziwis, Sr. Project Manager; Victor Lange, Sr. Manager; Jill Kovach, Director Healthcare Services

#### THE CONCEPT:

We envision a radical change in how hospital design occurs, a change that is only possible now with the advent of massive data structures. The data will determine the design. The perioperative area is a "factory" where the quality of human lives is the product. The skill and knowledge of the surgeon is the most important tool, but every other aspect of the operative process can be informed from data. A perioperative platform founded on Applied Industrial Engineering, breaking down the walls. The modern hospital is the most complex social system ever designed and therefore requires a design approach just as complex. Rethink the birth of concept and creation of the physical environment; start through the eyes of the data and then expand on that engineered vision by arming the environment with technology and innovation, in the form of robotics, automation, and process innovations outside of the traditional.













### **2018 BREAKING THROUGH GALLERY PARTICIPANT**