

SUCCESS STORY:

Baptist Health Jacksonville Saves Time Through Better Standards Using dRofus

PLAN.
DESIGN.
BUILD.
MANAGE.

Founded in 1955, Baptist Health is ranked as the “most preferred” health care provider in Jacksonville, Florida. Baptist consists of five hospitals and the region’s only children’s hospital with 1,190 beds and multiple campuses and medical centers. They have more than 200 primary care and specialty physician practices, children’s specialty clinics, home health care, behavioral health, occupational health, rehabilitation services, and urgent care. Baptist currently has over 12,400 employees.

Where to begin?

When Matthew Bode AIA joined Baptist Health in 2019 as the System Dir. Of Planning & Design, he immediately realized the need to create centralized design standards. At the time, Baptist Health did not have a comprehensive approach to standardized design resources such as equipment standards or templated room layouts. Nor did they have a long-term solution for managing and sharing their documentation with design and construction teams. *“As an architect, when there’s no information, you ask 1,000 questions. Now, as the owner, I’ll have 10 projects with 10 architects, each asking 1,000 questions, many of which are the same. I needed a way to just hand them everything.”*

In addition to providing valuable design resources to his consultants, Matt’s team is also responsible for doing feasibility studies, initial project planning, and equipment procurement. He was looking for a tool to help his team generate function programs, conceptual designs, and project budgets efficiently without the expense of hiring external architects or contractors prior to project approval. This meant any standards he created needed to be accessible and easy to use both internally and by consultants.

Matt’s background as an architect inspired him to put a plan in place, and with his exposure to dRofus in the past, he knew he had a solution. Baptist Health started with a dRofus led workshop that brought representatives together from their internal planning & design, equipment procurement, construction, and facilities operations teams. The result was an implementation roadmap to support goals for the use of dRofus focused on their existing facilities and goals for any new construction.



Knowing there’s a place to put everything motivated me to actually create standards. Before dRofus, standards were too hard to manage

Matthew Bode, AIA

System Dir. Of Planning & Design

It all starts with Templates

A key feature Baptist Health leveraged is dRofus’ Room Templates. They currently have approximately 570 room templates using the FGI (Facility Guidelines Institute) Guidelines to consolidate program, equipment, architectural design, and building system requirements in one convenient place. These are central to Matt’s goals of increasing efficiency in planning new projects and documenting Baptist Health’s existing facility programs.

In addition to Room Templates, Baptist Health has consolidated their clinical and non-clinical equipment into a centralized Template Database. By capturing standardized equipment information such as manufactures, cost, and vital specification data, their procurement team has successfully transitioned from a labor-intensive workflow of comparing project-specific bid documents against a master equipment list in Excel to automatically pulling equipment lists out of dRofus based on their room templates and over 1,100 standardized pieces of equipment. These equipment lists have proven invaluable for generating quick and accurate cost estimates as well as providing a quality checked source for procurement.



“ dRofus allows us to do quick project planning. I can develop a program and get a snapshot in 20 minutes of what a project will cost. What used to take days now takes minutes.



Building a virtual campus

One of Matt's other challenges was moving Baptist Health from 2D CAD to BIM both for new construction and to help document their existing facilities. With dRofus, his team has streamlined their process of building a virtual campus. Because of the live connection between dRofus and Revit, they have successfully documented existing departmental programs in dRofus connected to their models, giving them a centralized database of their existing facilities. This information is essential to the management of existing facilities and running various reports. According to Matt, "Before dRofus, it was a 3-4 month process to develop accurate system-wide cost center maps to report departmental areas for audits, now this has been reduced to a few clicks."

Centralized standards are paying off

Baptist Health's goal to streamline its planning efforts through templated design and building a virtual campus has paid off. Whether Matt is planning a minor renovation in an existing building or developing a function program for a new project, dRofus has transformed how his team plans projects and shares information with their consultants. "dRofus allows us to do quick project planning. I can develop a program and get a snapshot in 20 minutes of what a project will cost. What used to take days now takes minutes." And with all of a project's information in a single database, Baptist Health has also streamlined how they onboard architects. Now they just invite consultants to join their dRofus project, where they have instant access to everything they need from room quantities, sizes, and design requirements, to all planned equipment ready to be connected to their Revit models for design. All are generated from centralized standards, giving Baptist Health and their consultants assurance that they are working from the most current information.

Process Improvements Using dRofus



Existing Facilities

Document approx. 7.5 million sf. of building program across 80+ buildings

Connect to Revit facility models for future project planning

Generate space reports for audits

Assist facility operations to improve accuracy of information



New Construction

Manage design standards to share with design and construction teams

Develop feasibility studies and plan new projects

Validate designs to ensure standards are met

Improve handover at completion and connection to facility operations systems

ROOM DATA



Templated Design Standards
Based on FGI Guidelines
Shared with Architects
Quick Reports for Audits

ROOM PROPERTIES



Naming per Dept. of Health
Track Programmed Areas
Document Existing Areas
Live Connection to BIM



ITEM LIST

Clinical Equipment
Non-clinical Equipment
MEP Equipment
Cost Estimating
Procurement

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