When you use FlexSim Healthcare, you're in good company.

Leading healthcare service providers throughout the world are discovering the phenomenal productivity gains that only FlexSim Healthcare   software can provide. Our clients include:

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The Korean Digital Hospital Export Agency
University of Western Sydney
Universita degli Studi di Genova
Montefiore Medical Center
HOK
Dublin Institute of Technology

RECOMMENDED[1] MINIMUM SYSTEM REQUIREMENTS

Processor	Any modern[2] Intel or AMD processor
System Memory	4 GB RAM or more
Graphics Card	nVIDIA GeForce or AMD Radeon graphics card
Operating System	Windows XP (32 bit)
	Windows Vista (32 or 64 bit)
	Windows 7 (32 or 64 bit)

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FlexSim Healthcare

Risk-free decision support for the rapidly changing healthcare environment

The only 3D simulation software specifically designed for healthcare

Save Costs and increase efficiency with FlexSim Healthcare's state-of-the-art simulation technology

RECEPTION

VISITOR SIGN-IN

PaOrOSPoPACU Scheduling Model

Mon, 4:47 PM

Alternate Floor Plan

What Is Healthcare Simulation?

Simulation is computer-based modeling of a real organization's activities. Staffing requirements, equipment needs, sequencing and scheduling, floor-plan design, and even various policies and procedures can be created or altered in the model to evaluate their impact on the efficiency and effectiveness of the organization. Users may test any and all options, not just for their impact on the organization, but to find the best combination of organizational characteristics to optimize performance.

What Is FlexSim Healthcare?

FlexSim Healthcare is simulation software designed for healthcare. Equipped with a powerful array of tools that run the gamut from a "true-to-scale" 3D display to a comprehensive collection of statistical reports that can immediately shed light on any aspect of a healthcare activity's performance, Flexsim HC makes it easy for decision makers to visualize — risk free — the results of proposed methods to optimize patient flow, staffing, resource utilization, floor plan design, and almost any other aspect of healthcare in order to provide the best patient experience at the lowest treatment cost.

Powerful Risk-Free Decision Support

FlexSim Healthcare gives you evidence-based support to make informed decisions confidently. It provides the evidence in two ways: through accurate 3D animation, and through statistical reporting. FlexSim Healthcare features a dashboard display to view system, staff, and patient metrics during the simulation run. The Experiment Manager makes it possible to run "what-if" scenarios to compare different options side by side.

Simple, Three-Step Modeling

1. Create the facility's physical layout representation. You will normally begin by importing an exsisting CAD layout of your facility. Then, relevant treatment locations, equipment, staff, and other resources are added from an extensive library of objects to represent the unique healthcare setting.

2. Flowchart patient movement. Using an internal flowcharting tool you will indicate patient and material flow by connecting objects in the model.

3. Define a treatment track for each type of patient. Tracks may include any or all treatment activities that consume a patient's time, use any member of a treatment staff or equipment to provide either direct or indirect care, and take place at any location within the model.

Comprehensive and Accurate Statistics for Better Decision Support

Because FlexSim Healthcare is specifically designed to model healthcare processes, performance and output statistics are selected to accurately reflect those metrics most useful to the healthcare planner. Users can capture data regarding any number of performance measurements, ranging from the time a patient stays in a defined state (waiting, undergoing direct or indirect treatment, moving or being transported, etc.) to the time a staff member devotes to patient treatment, moving from place to place, or taking breaks. Even the impact that unplanned interruptions as simple as recurring phone calls can have on patient care delay can be captured. In fact, every aspect of the patient care process can be monitored through the accurate and timely performance statistics that the software automatically provides.

What Can You Model with FlexSim Healthcare?

FlexSim Healthcare can easily model any healthcare process. The following is a partial list of the processes that can be modeled using FlexSim Healthcare:

- Emergency departments
- Clinics
- Operating rooms
- PreOp
- PACU
- Medical Imaging
- Floor units
- Housekeeping
- Triage
- Evacuation
- Multi-floor operations (with elevator usage)
- Patient transport (helicopter, ambulance, gurney)
- Staff shift scheduling
- Space planning and design
- Outpatient processes
- Pharmacy
- Lab operations
- Food delivery
- Blood services, and more.
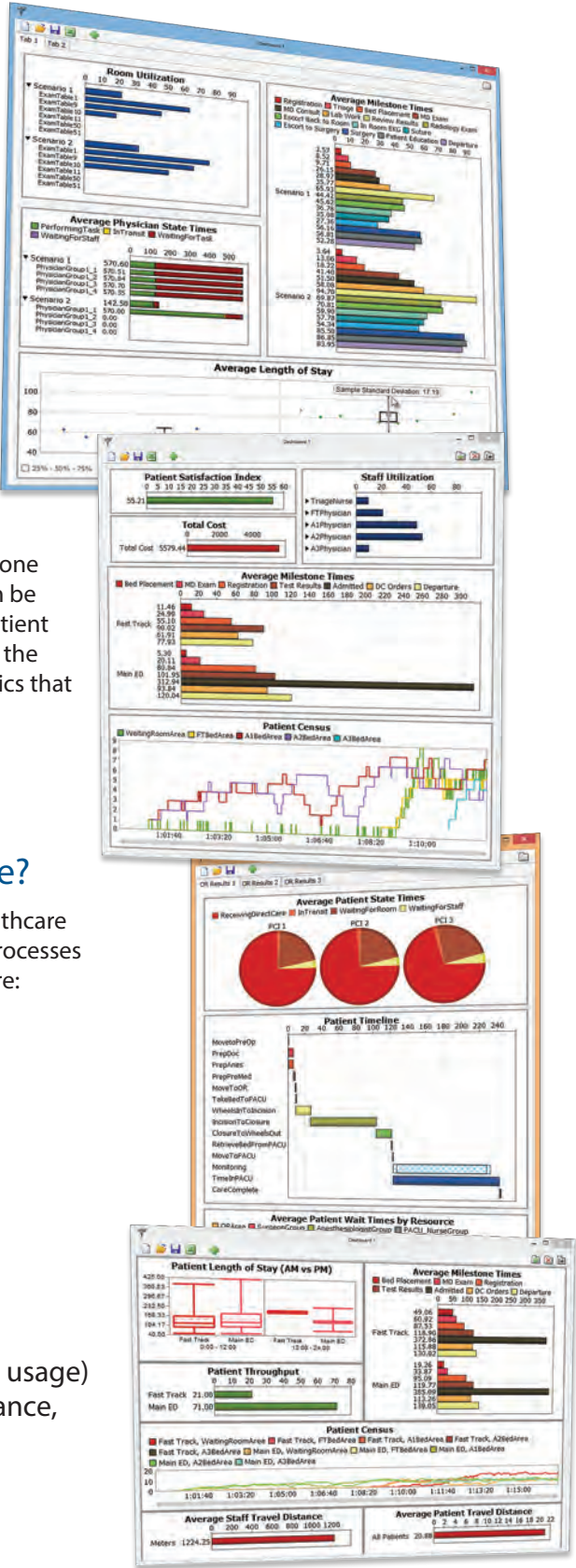
Dashboards display instantaneous statistical analysis; reports give detailed results of the complete run.