Minitab

INSIGHTS

How to improve care quality and patient safety

Many healthcare organizations stabilize care processes, uncover sources of variation, and use AI-driven insights to anticipate where quality and patient safety risks are most likely to emerge. By combining advanced analytics with plain-language explanations, teams can understand what is happening and why—so they can intervene before small failures escalate into harm.

Learn more

See our impact in healthcare





COMMON PAIN POINTS

1. Better safety insights needed
2. Providers are on the edge of burnout
3. Improving care at the system-wide scale
4. Leading digital transformation backed by data

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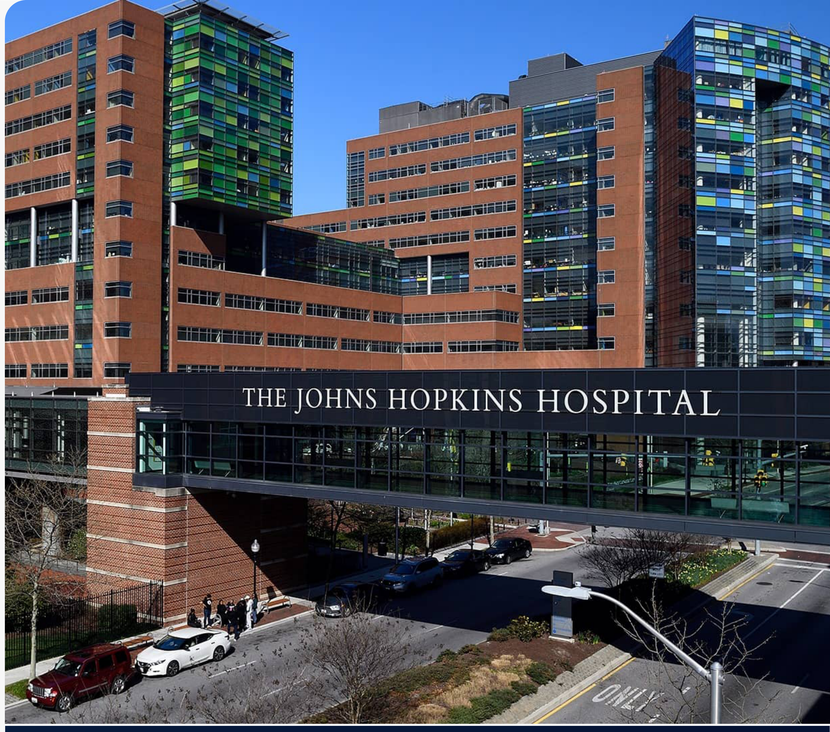
See how Johns Hopkins uses Minitab to improve safety

Johns Hopkins Health System (JHHS) has used Simul8 by Minitab for over 10 years to improve patient crowding and flow across their network of emergency department facilities, including Howard County Hospital, Bayview Medical Center and Johns Hopkins Hospital.

Simulation was first introduced into their original facility in order to test and build a robust ED simulation template. All their EDs differ in layout, but they all contain consistent aspects such as fast track areas, acute care areas and patient arrival patterns that differ by time of day. They used Minitab to create a templated simulation with these common key elements, which they've now used to plan for larger and more complex EDs across its network.

HOW MINITAB CAN HELP YOU

1. Model changes digitally to reduce risk
2. Maintain consistent access controls and oversight
3. Enforce role-based access aligned to least-privilege principles
4. Maintain full audit trails for access, transformations, and usage



$40M hospital expansion led for Johns Hopkins.

16% reduction in emergency department times achieved.

45 min reduction in wait times in the ED at Johns Hopkins.

Read the case study ▸▸▸

TALK TO US



Build your next breakthrough

Whether you're a large health system or a community care center, we can help you improve operations and move faster.

+400K
global Minitab users across all industries.

+30K
companies powered by insights in Minitab.

+50
years of trust in healthcare and beyond.

Explore our services ↗