

A Comprehensive, AI-Driven Optimization Platform for Healthcare

ORBLACK BOX®

TRAUMABLACK BOX®

SIMBLACK BOX™

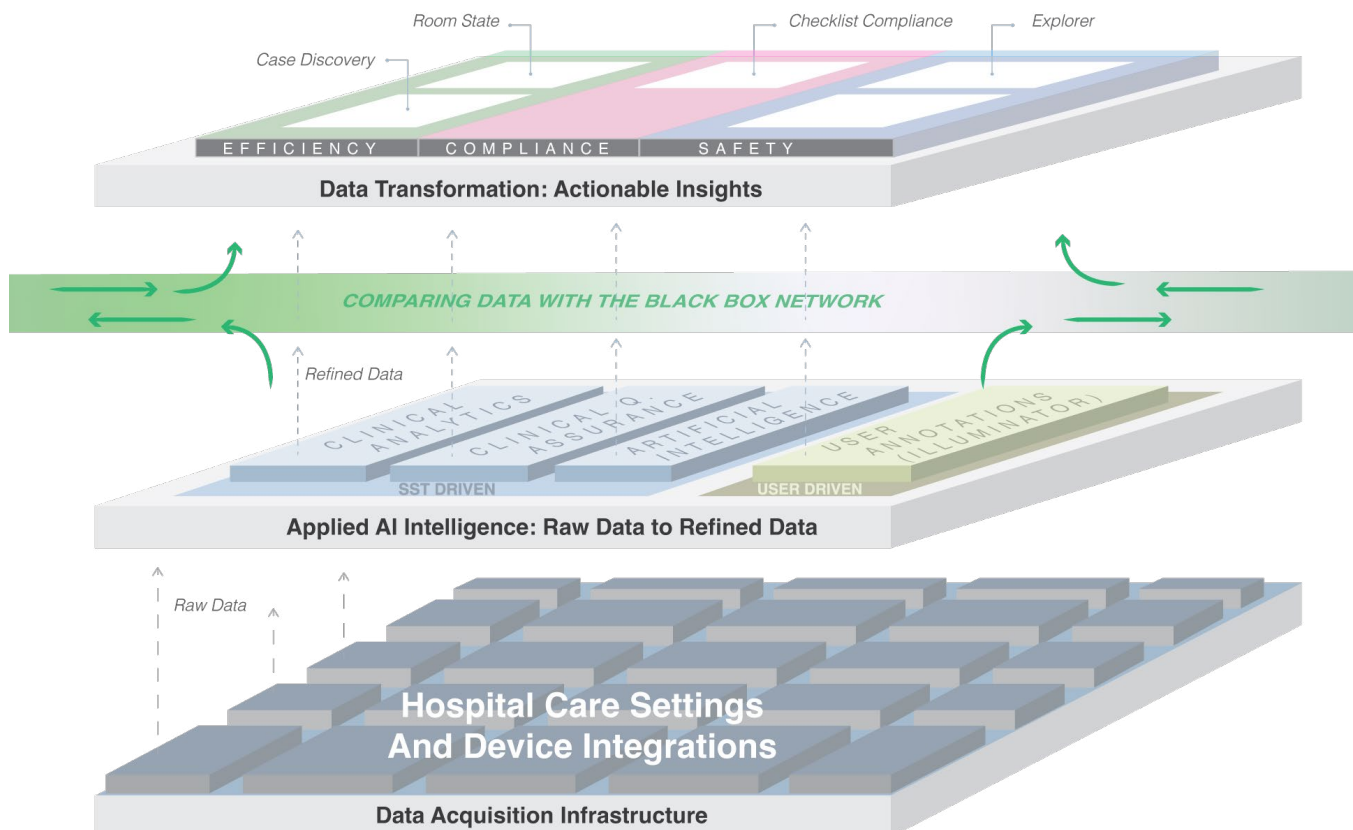
Healthcare providers face immense challenges in delivering exceptional patient care while optimizing operational efficiency. The ever-increasing complexity of procedures, the demand for stringent compliance with standards, and the need to ensure patient safety create a pressing need for intelligent solutions that can streamline processes and elevate clinical performance.

AI-Powered Excellence in Healthcare

Surgical Safety Technologies (SST) is transforming patient care through intelligent software solutions. A comprehensive platform harnesses advanced technologies like artificial intelligence (AI), machine learning (ML), data analytics, and ambient sensing to enhance patient safety and outcomes, elevate clinical performance, and optimize operational efficiency.

Comprehensive Intelligence Platform

- Foundational data acquisition infrastructure that feeds advanced audiovisual, and ambient sensing technology into environment-specific solutions including surgery, trauma, and other high-risk specialties.
- Core AI-driven analytics offerings that integrate data, processes, and cutting-edge technologies.
- A comprehensive suite of software modules that help organizations optimize safety, quality, efficiency, and compliance across these patient care areas.



Enabling the Future of Patient Care

- Interoperability with electronic health records (EHRs), robotic and laparoscopic equipment, and other technologies, fostering a connected ecosystem.
- Scalable and future-proof.
- Rigorously tested and continuously evolving AI model across thousands of real-world surgical procedures, ensuring unparalleled accuracy and reliability.

Purpose-Built for High-Risk Patient Care

- An intuitive user experience tailored to setting-specific workflows.
- Remote access for distributed teams.
- Regulatory compliance and cybersecurity measures that meet the highest healthcare standards.

OR BLACK BOX®

The OR Black Box makes surgery more transparent, precise, predictable, and ultra safe.



TRAUMA BLACK BOX®

The Trauma Black Box provides teams with comprehensive visibility into trauma resuscitations to objectively analyze performance.



SIM BLACK BOX™

The SIM Black Box empowers healthcare providers to practice and review simulation scenarios so they can communicate at the highest level in the real clinical environment.





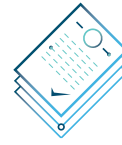
Grounded in Research, Innovation, and Collaboration



Partnering with leading medical centers across North America and Europe.



Delivering measurable improvements in compliance, risk mitigation, surgical assessment, resource optimization, and operational metrics.



Documented outcomes across 80+ peer-reviewed publications.

Surgical Safety Technologies Inc. (SST) is a mission-driven organization that is transforming healthcare through intelligent software solutions. Our comprehensive platform leverages advanced data analytics, audiovisual capabilities, AI, and machine learning to elevate patient safety, optimize operations, and facilitate continuous improvement across the perioperative, trauma recovery, and labor and delivery environments. Cutting-edge technologies enable autonomous risk detection, real-time operational analytics, predictive insights, and protocol auditing to empower clinicians with the intelligence to achieve superior outcomes. Built on research excellence through partnerships with leading hospitals, our innovative approach integrates with existing systems while future-proofing organizations through an open platform for emerging innovations. Delivering proven value with over 80 peer-reviewed publications, SST drives the future of intelligent healthcare globally.

Visit our website to learn more at:
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