



ORTelligence

Surgical Process Software Solutions



THE PROBLEM

Far too often, the equipment delivered to the OR for surgery is wrong, incomplete or unnecessary.

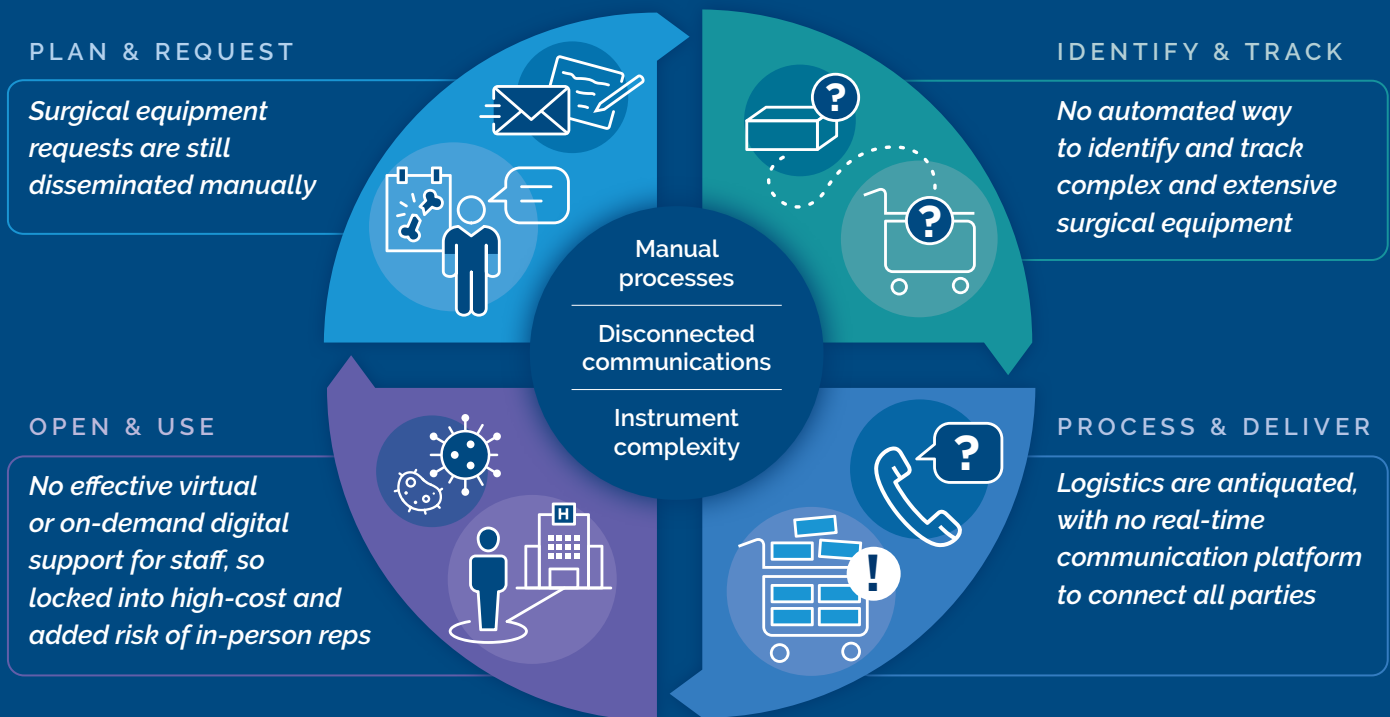


Why?

- *Surgical processes are fragmented and outdated*
- *Communication is disconnected*
- *Complexity of surgical equipment continues to rise*
- *Staff are expected to do more with less experience*

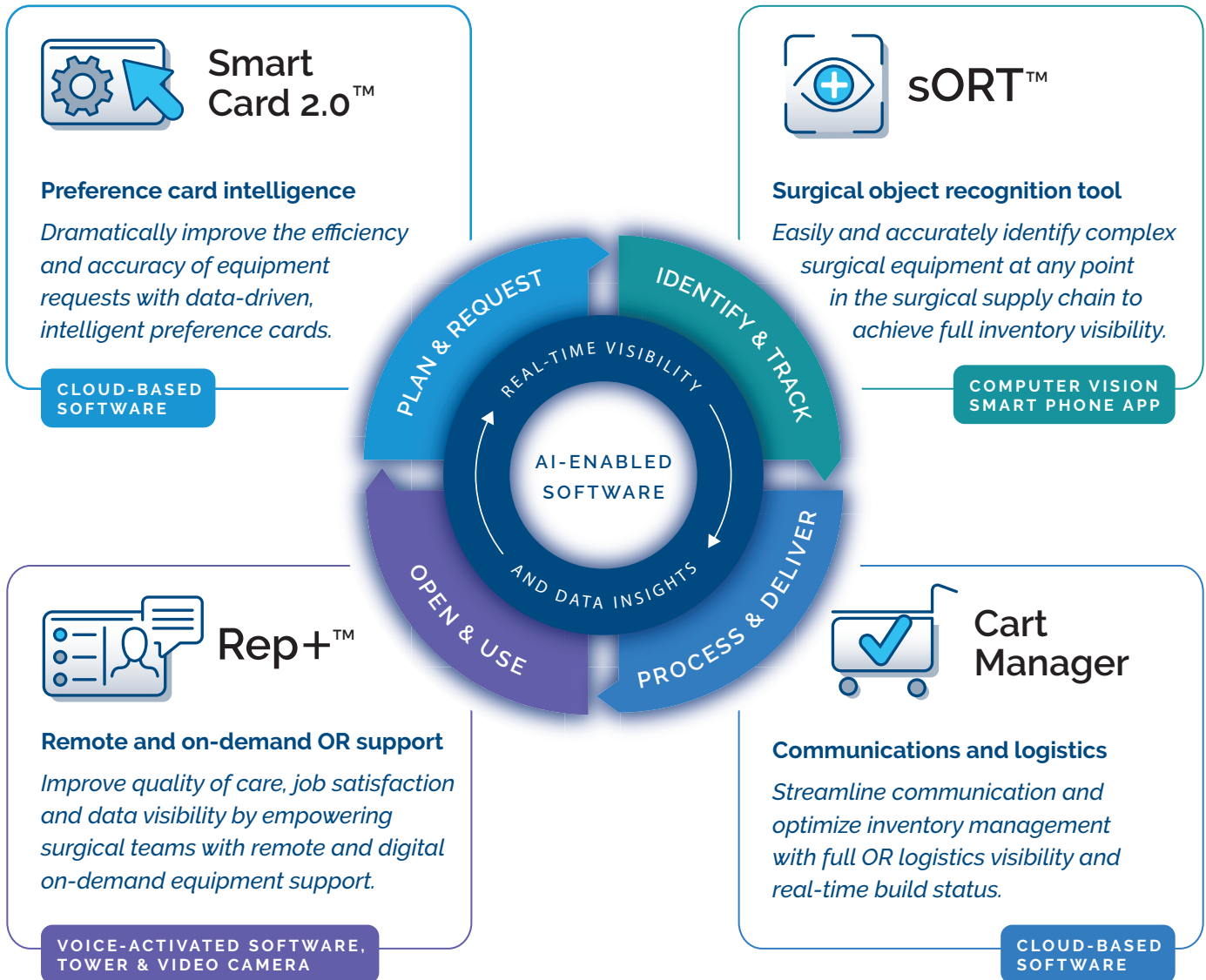
The impact?

- *Waste and higher costs*
- *Overburdened staff*
- *Surgical delays*
- *Compromised patient care*



"I would have never known the rep was virtual and not in the OR with how smoothly the case went." — Surgeon

ORtelligence ensures the right surgical equipment and support is in the OR by digitizing and optimizing surgical processes to drive teamwork, efficiency and accuracy.



“As a circulating nurse who doesn't scrub in often, it's comforting to visualize the instruments and hear the voice confirm everything is in the set. Rep+ is a fantastic and necessary tool to have in the OR.” — Nurse



SmartCard 2.0™ – Preference card intelligence

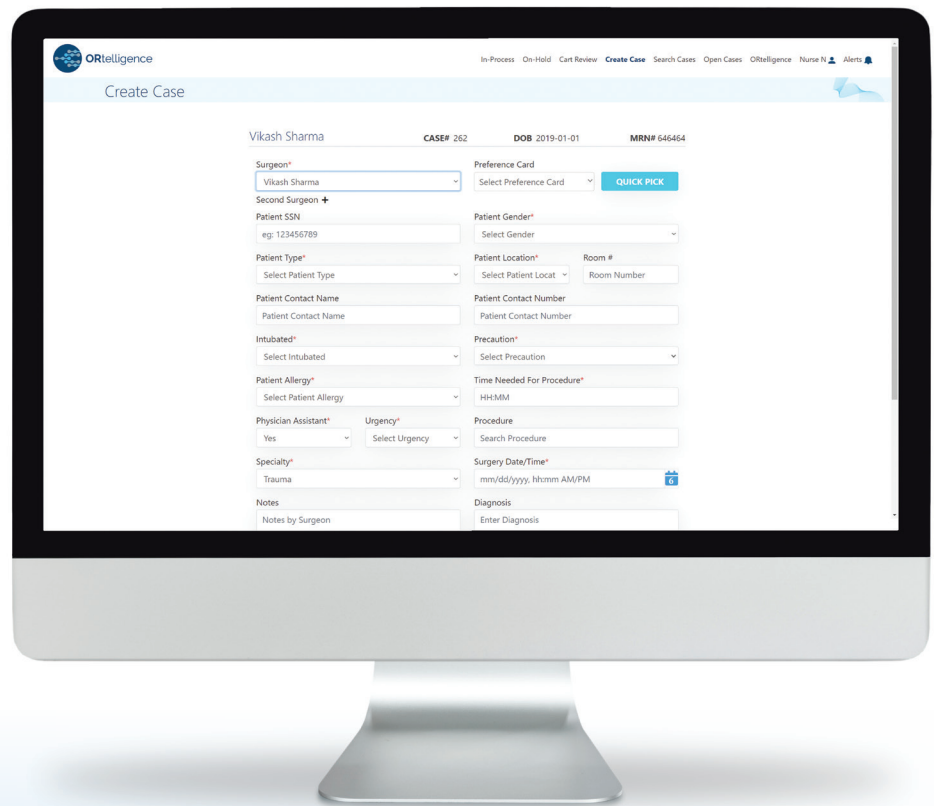
Dramatically improve the efficiency and accuracy of equipment requests by replacing static preference cards and disjointed communication with data-driven, intelligent SmartCards.

AI-enabled planning tool based on surgeon preferences and facility contracts

Intuitive “shopping cart” interface optimized for user profile and preferences

Scorecard methodology backed by machine learning supports decision making

Real-time communication with all parties facilitates accurate case preparation



Make it easy for surgeons to input precise, patient-specific equipment requests at start of process



Improve case-cart accuracy at time of surgery with real-time communication of accurate information to all parties

Save hours of time managing preference cards

Reduce costs with visibility into hospital pricing

Reduce waste from processing of unnecessary equipment

Reduce delays prior to and during surgery



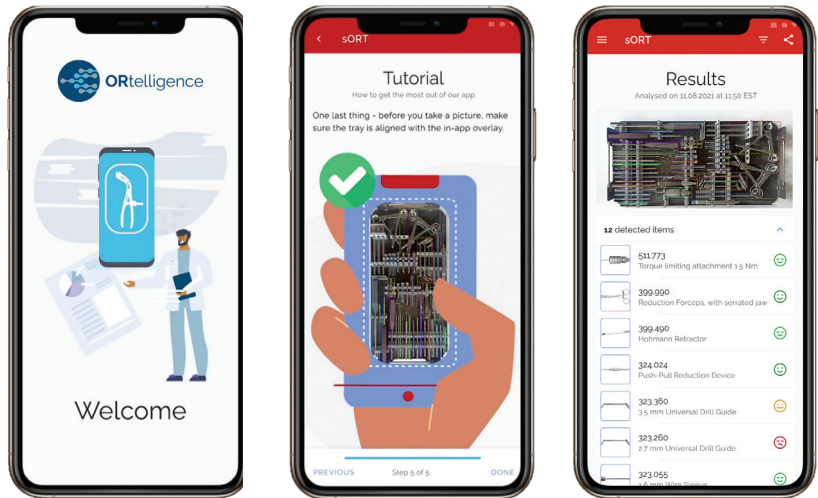
sORT™ – Surgical Object Recognition Tool

Easily and accurately identify complex surgical equipment at any point in the surgical supply chain to achieve full inventory visibility.

Patented, computer-vision, smart phone app

Identification of equipment set/kit and contents (implants and instruments)


Alerts for missing items



- ✓ — Turn anyone into an equipment expert
- ✓ — and every phone into a data scanner
- ✓ — with patented, computer-vision app

Instantly know which tray it is, what's in it and what's missing with a simple photo

Reduce delays prior to and during surgery

 **Optimize equipment logistics and decision making** with data-driven, AI-enabled insights

Accurately analyze equipment needs vs equipment inventory

Reduce costs by right-sizing inventory





Cart Manager – *Communications and logistics*

Streamline communication and optimize inventory management by replacing siloed, manual processes with full OR logistics visibility and real-time build status.

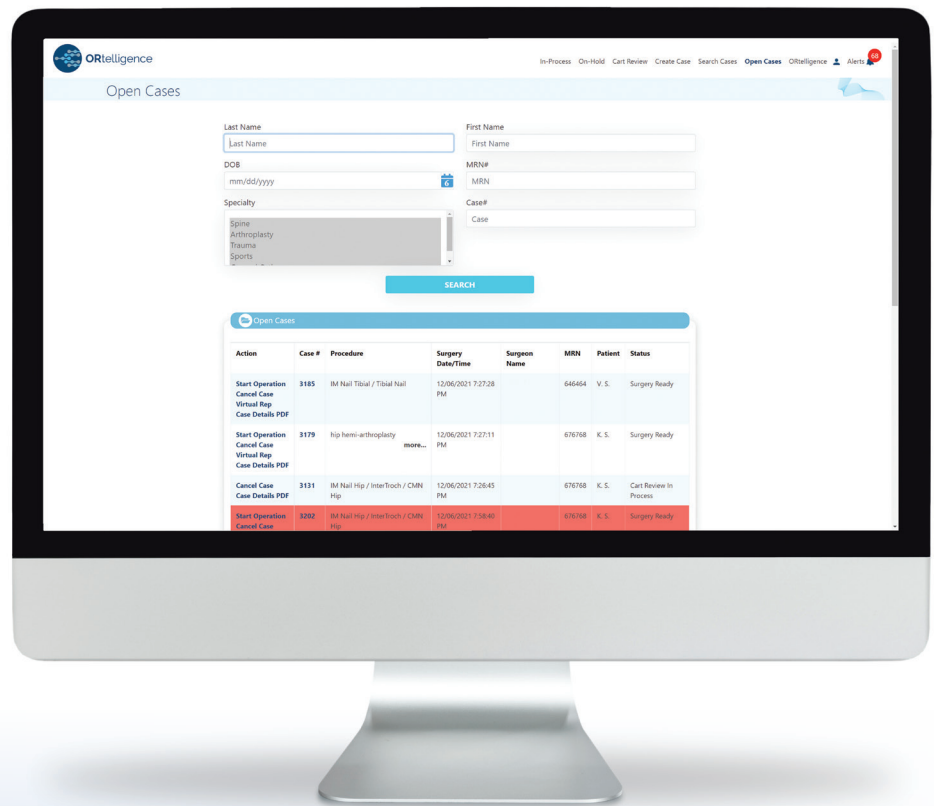
Case preparation and optimized inventory management

Full OR logistics visibility

Real-time build status communicated to all personnel involved in patient care

Availability information with image recognition

Alerts for missing items and substitution recommendations



Sterile Processing Department personnel can **build case carts more efficiently and accurately**



Improve case-cart accuracy at time of surgery with real-time communication of accurate information to all parties

Streamline processes with alerts for missing items and substitution recommendations

Track efficiencies and **identify bottlenecks**

Reduce waste from sterilizing/processing unnecessary equipment

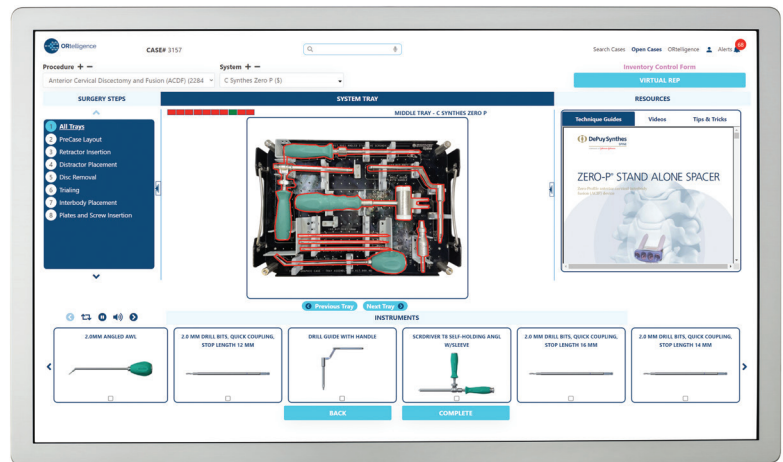
Reduce delays prior to and during surgery



Rep+™ – Remote and on-demand OR support

Improve quality of care, job satisfaction and data visibility
by empowering surgical teams with remote and digital
on-demand equipment support.

- AI-enabled interface with Image Recognition and Natural-Language User Interface
- Instrument identification and location
- Usage instruction and problem solving
- Virtual expert attendance
- Implant and disposable usage tracking



*Hardware optional—
works with any tower
and camera*

Guide support staff with any level of experience with voice-activated equipment identification and instruction

Enhance best practices with standardized, data-driven support

Reduce foot traffic with virtual expert attendance

Improve data accuracy and insights by making it easy to track actual usage data at point of consumption

Increase patient focus by reducing manual equipment tracking tasks

Right-size equipment with reliable usage data

ABOUT ORTELLIGENCE

We are problem solvers who understand the challenges facing today's OR stakeholders inside and out.

ORTelligence was founded by three individuals with first-hand experience of the daily obstacles facing surgical teams. Two orthopaedic surgeons and a medical device consultant got together and decided there had to be a better way—a way for all team members to have the right information, equipment and support they need to give the best possible care to their patients.

Tim Donnelly is an accomplished medical device consultant who excelled by focusing on areas often overlooked by his peers.

Derek J. Donegan, MD, MBA, is an Associate Professor of Orthopaedic Surgery at the Perelman School of Medicine at the University of Pennsylvania in the Department of Orthopaedic Surgery.

James Krieg, MD, is Director of Orthopaedic Trauma and Professor of Orthopaedic Surgery at the Rothman Institute at Thomas Jefferson University in Philadelphia.

OUR MISSION

To create cutting-edge software that aligns surgical teams with the right information, equipment and support to deliver the best possible surgical care.

OUR VISION

Revolutionizing the surgical process to ensure the successful delivery of surgical care.



Let us show you first hand what the future looks like, visit ortelligence.com to



***learn more or
schedule a demo***