



SPD360™

**Performance Solutions:
Making Every Instrument Count**

The Challenge

From Systemic Waste to Surgical Risk

Hospitals today face growing pressure to reduce waste, manage costs, and optimize surgical throughput. Yet, many overlook one of the most critical drivers: the Sterile Processing Department (SPD).

Studies show that up to 70 percent of instruments may go unused, while hospitals pay \$0.51 to \$0.77 to process each one—even if it never touches a patient.^{1,2} The impact becomes significant when compounded across hundreds of trays and thousands of procedures. Disorganized backstock, inaccurate count sheets, and inconsistent set builds result in downstream delays, inventory waste, and clinical risk.

These inefficiencies directly impact the OR, supply chain, and hospital's financial performance.



1. ASCENDCO HEALTH. THE HIDDEN COST OF SURGICAL WASTE: A SMARTER APPROACH TO SURGICAL TRAYS. [ASCENDCOHEALTH.COM/THE-HIDDEN-COST-OF-SURGICAL-WASTE-A-SMARTER-APPROACH-TO-SURGICAL-TRAYS](https://ascendcohealth.com/the-hidden-cost-of-surgical-waste-a-smarter-approach-to-surgical-trays) FARROKHI ET AL. (2015).
2. APPLICATION OF LEAN METHODOLOGY FOR IMPROVED QUALITY AND EFFICIENCY IN OPERATING ROOM INSTRUMENT AVAILABILITY. PUBMED. [PUBMED.NCBI.NLM.NIH.GOV/30846251](https://pubmed.ncbi.nlm.nih.gov/30846251)

The Challenge

Small Issues. Big Impact.

Sterile Processing teams operate under constant pressure—often with limited tools, outdated systems, and high staff turnover. The result is a cycle of inefficiencies that touches every part of the perioperative process:

- Incomplete trays from missing or broken instrumentation or mismatched trays cause procedural delays, and productivity loss
- Mismanagement of instrument inventory leads to over/under stock, an inability to prepare trays, and ineffective budget utilization
- Lack of training and education leads to lack of process compliance, sterilization efficacy, and clinical readiness
- Error-prone data prohibits the ability to gain actionable insights to drive optimal process improvements



NEED

Structured

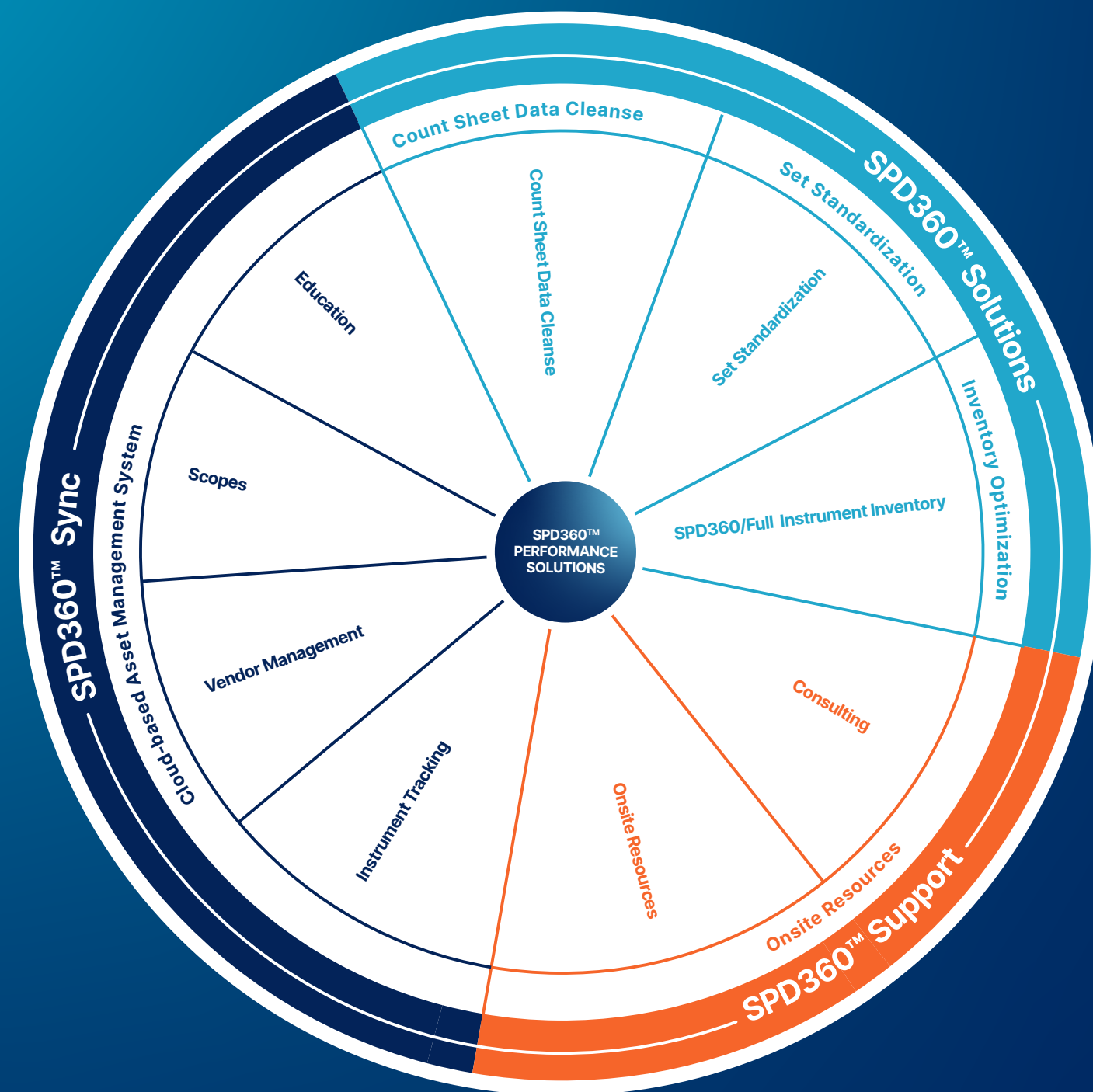
Scalable

Support

TO
SOLVE THESE
CHALLENGES

SPD360™ Performance Solutions

A FRAMEWORK THAT DELIVERS



This comprehensive program brings structure and efficiency to sterile processing departments and operating rooms.

SPD360™

Sync 
Powered by Surgio™

A Comprehensive Cloud-Based Asset Management System

Instrument Tracking

DELIVERABLES

- Features real-time data
- Ensures digital governance
- Includes advanced enterprise analytics and reporting

BENEFITS

- Establish best practices for workflow management
- Improve sterilization process efficiencies

Vendor Management

DELIVERABLES

- Houses vendor-driven management and data solutions
- Vendors manage and facilitate case scheduling, tray assignments, & drop-off

BENEFITS

- Process transparency and visibility

Education

DELIVERABLES

- Tracks employee progress
- Visualizes Reporting

BENEFITS

- Metrics for employee success and improvement

SPD360™

Solutions

Optimize. Cleanse. Standardize. Repeat.

INSTRUMENT INVENTORY OPTIMIZATION

Comprehensive instrument inventory optimization, covering full inventory of backstock, drawers, and peel packs

DELIVERABLES

- Gathered, organized, stored, and labeled instrument inventory
- Designate par stock min/max levels
- Identify missing excesses in need of repair or obsolete inventory

BENEFITS

- Enables complete set assembly
- Reallocate excess instruments, reducing instrument purchasing costs
- Supports purchasing with alternative instrument vendor substitutions
- Helps staff quickly find and pick instruments for complete sets
- Enables accurate stock level tracking and timely instrument replenishment

COUNT SHEET DATA CLEANSE

Instrument inventory and count sheets are reviewed for errors, corrected, and standardized.

DELIVERABLES

- Standardized, accurate instrument data.
- Consistent naming nomenclature for instruments

BENEFITS

- Mitigates the risk of picking errors, mismatched trays, and procedure delays
- Multisite facilities align on a common nomenclature

SET STANDARDIZATION

Compare instrument sets to find standardization opportunities across vendors and set lists.

DELIVERABLES

- Provides analysis of identified and prioritized set standardization opportunities
- Highlights standardization opportunities at the tray level and for individual instruments

BENEFITS

- Reduces duplicate sets, redundancies, and errors
- Enables excess inventory reallocation
- Reduces errors and redundancies

SPD360™

Support

Sterile Processing Expertise Meets Operational Execution.

ONSITE RESOURCES

Aspen Surgical SPD360 Operational Specialists and Technicians implement solutions and effectively sustain programs on-site.

DELIVERABLES

Aspen Surgical SPD operational experts facilitate programs and act as extensions of the facility's team

BENEFITS

Improved operational efficiency, compliance, and savings goals

CONSULTING

Guidance on best practices for instrument program management from subject matter experts.

DELIVERABLES

Aspen Surgical SPD360 Technicians manage instrument programs, including organizing and managing inventory, handling product data, and streamlining processes.

BENEFITS

Improved efficiency, compliance, and savings goals

From Complexity To Clarity

SPD360 Performance Solutions helps hospitals standardize processes, drive efficiencies, and build better-educated and compliance-enabled processing teams.

With the right data, tools, and guidance, your facility can:

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IMPROVE SET ACCURACY AND REDUCE PROCEDURE DELAYS

.....

REDUCE EXCESS INSTRUMENTS AND STREAMLINE INVENTORY

.....

SUPPORT FASTER ONBOARDING AND REDUCE STAFF BURNOUT

.....

PROVIDE LEADERSHIP WITH ACTIONABLE INSIGHTS AND REPORTING

.....

Let the Aspen Surgical SPD360 Performance Solutions Team help your team operate with efficiency, accuracy, and confidence.

Visit **www.aspensurgical.com/spd360** or call to discuss your options today.