LiveData PeriOp Planner™ is a visualization and organizational solution that facilitates surgical scheduling workflow by coordinating the patient’s steps from recommendation through preparation to scheduling. PeriOp Planner enables patients to be better prepared for surgery and empowers hospitals and surgical teams to accurately and confidently schedule surgical cases. The result is happier patients and families, while maximizing efficiency and block utilization for hospitals.

- Bi-directional integration with Veterans Health Information Systems and Technology Architecture (VistA)
- Coordinate resources (people and places) over time and across locations
- Capture real-time case updates for accurate team communication and analytics
- Guide patients and families through the surgical process
- Improve scheduling accuracy
- Enhance patient safety
- Reduce cancellations
- Maximize efficiency and block utilization

Visualize resources and maximize efficiency

PeriOp Planner is a web-based, interactive application with three integrated tools: LiveData Surgery Planner™, LiveData Service Block Planner™, and LiveData PreOp Workup™. The tools synchronize patients’ preoperative progress and resource utilization, eliminating the current ways of tracking patient surgical readiness; paper calendars, spreadsheets, phone calls, and faxes are no longer needed.

LiveData Surgery Planner™ enables clinical staff to plan for surgical cases, coordinating the patient’s progress from first surgical consultation to actual scheduled procedure. Surgery Planner provides two views that are optimized for surgical clinic staff and Operating Room (OR) management staff who need a global view for their facility.

The interactive Appointment Book view is a “virtual appointment book” that displays daily schedules of resources, blocks, and cases, making it easy to visually plan and manage the day’s case schedule for each surgical block. OR-Schedule Board view provides a horizontal view of the daily schedule for all resources, showing the timeline for the day across the top and case information below.

LiveData Service Block Planner™ allows schedulers and OR managers to create and manage a master block schedule. Service Block Planner provides two views focused on displaying the facility’s standard block schedule and providing a day-to-day view for any necessary adjustments.

Master Block view shows the Master Schedule, an abstraction of a Monday to Friday “typical” week displayed as a standard schedule for block allocations. Weekly Block view shows the blocks for a specific date allowing schedulers to easily view blocks that happen one day per month and modify for single-day exceptions.
Smarter patient management

PeriOp Planner can be customized to the preoperative requirements of the individual case and patient. Milestones such as specific labs, imaging, consults, and surgical requirements that include workup items are managed and tracked within LiveData PreOp Workup™, an interactive checklist that indicates whether an item has been completed or not.

Smarter scheduling

PeriOp Planner integrates with LiveData PeriOp Manager Analytics™ and VistA surgical scheduling. Clinical staff can view and search preoperative work plans to assess if patient workup items are complete, enabling staff to improve case readiness forecasting, fill target blocks with cases, and identify tentative or delayed cases prior to a potential cancellation.

Intelligent integration

LiveData PeriOp Planner™ integrates with and enhances LiveData PeriOp Manager™ modules, including LiveData OR-Schedule Board™ and LiveData PeriOp Manager Analytics™.

Detailed cancellation reasons in PeriOp Planner allow management to analyze and map cancellation reasons to support reducing cancellation rates. Management teams can identify barriers to successful scheduling by workup item, provider, CPT, or service. Analysis of service block utilization improves scheduling accuracy, optimization, and communication. A case-level view of the patient journey to surgery provides a thorough understanding of a facility and their patient population’s unique patterns.

Integration with the full suite of PeriOp Manager modules empowers the hospital or healthcare systems to leverage real-time intelligence to coordinate teams and deliver predictable outcomes across the complete patient surgical experience.
Working Together For Those Who Serve Our Veterans

Document Storage Systems, Inc. (DSS) is a catalyst for health care innovation, keeping pace with evolving technologies as a solutions provider, systems integrator, and services contractor to the Department of Veterans Affairs. DSS is committed to assisting VA in its High Reliability Organization journey and delivering care quality for Veterans by meeting top initiatives, changing regulatory requirements, and implementing enhanced business transformation across VA enterprise.

LiveData develops and deploys surgical workflow solutions for operational efficiency and patient safety. Surgery departments using LiveData PeriOp Manager have documented significant improvements in Key Performance Indicators including block utilization, case scheduling accuracy, first-case-on-time-starts, cancellations, and turnover.

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