

Imaging Asset Optimization



Maximizing the value of your imaging technology investment is just one benefit of Siemens Imaging Asset Optimization solution. Our experienced industry consultants will identify optimal deployment scenarios for your imaging capital based upon demographics, services, resources, utilization, and efficient patient processes.

Imaging Asset Optimization will also help you improve overall clinical and operational performance as it will ensure the best use of technology, optimize workflow and patient throughput, and improve your return on investment for expensive imaging capital.

Aligning an Asset Strategy and Creating a Technology Roadmap

With Imaging Asset Optimization, Siemens consultants will first work with you to prepare and align an optimal asset strategy that is based on today's needs, future projections, and emerging technologies. Afterwards, our consultants will create a technology roadmap that outlines a coherent imaging technology vision by identifying the technologies required for enabling healthcare delivery, enhancing operational capabilities, and improving performance outcomes. This comprehensive view is essential to helping you achieve your desired goals for patient care delivery.

Looking forward, our consulting team will help to forecast potential changes in technologies over the next several years. This will allow your service line and organization to better prepare for those changes and determine how they may influence your delivery of care, strategic plans, and operating budget.

Process Optimization to Improve Asset Utilization

To improve utilization of imaging technology, you must first create availability and capacity. Imaging Asset Optimization can help you to accomplish this. Siemens consultants start by reviewing and analyzing your existing workflows for patients, physicians, and staff. We then conduct a gap analysis to help you define where you are now (current state) versus where you would like to be (future state) in terms of operational performance. Finally, we deliver solid recommendations to help you optimize clinical processes and workflow.

Consider Imaging Asset Optimization if you are looking to:

- Consolidate resources for service line development
- Create an ideal technology mix
- Integrate future technology into your equipment portfolio
- Formulate a capital plan

Improving workflow and patient throughput through optimal modality deployment

Optimal Labor Pool

An asset strategy is not complete without considering the labor pool required to deploy service. Siemens consultants will recommend an optimal labor pool that supports the asset strategy. The structure of the labor pool will consider staffing mix, needs, and competency assessments.

A staffing model will then be developed to meet the patient and equipment utilization needs. Expected outcomes include reductions in overtime and staff turnover, plus improved recruiting resulting from improved workflow and the availability of leading technology.

Performance Scorecard

We define specific performance metrics to support your business and clinical objectives through a review of existing baseline metrics, an analysis of benchmark and best practice data, and knowledge of your organization's processes and structure.

These key metrics are used to develop a Performance Scorecard. This scorecard

provides a qualitative and quantitative view of your imaging service line's performance, and helps track measurable performance improvement over time.

Within the Performance Scorecard, metrics are tracked for:

- equipment utilization
- scheduling backlogs
- overtime
- cycle times in key modalities
- volumes
- revenue

During an Imaging Asset Optimization gap analysis, Siemens identifies unique opportunities for improvement within your organization and defines the current state vs. the future state for each. Opportunities for improvement may include:

- alignment of operational hours with requests for service
- reduction and/or elimination of backlogs and delays
- identification and elimination of redundancies
- other operational inefficiencies

Benefits and Outcomes

With Siemens Imaging Asset Optimization, your organization can improve its healthcare performance while reducing costs. This value-added solution can provide:

Process Optimization and Improved Patient Satisfaction

- reduced wait time
- improved access to care
- enhanced clinical outcomes through an expedited plan of care

Reduced Operating Costs

- fewer redundancies and handoffs
- minimized delays
- alignment of resources

A Strategic Technology Plan

- proposed equipment configurations
- equipment consolidation and redeployment
- an acquisition and investment plan that includes growth, strategy, and emerging technologies

Linking strategy, processes, and technology is one of the greatest challenges faced by healthcare providers today. Siemens consultants help clients to put the pieces together. Learn more about Siemens suite of value-added consulting services that help you achieve your healthcare goals and reach new levels of quality patient care. www.usa.siemens.com/optimize

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