



# Medical Technology Advanced Services

MTAS and Health System Transformation  
Panel Discussion

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The nursing workforce is experiencing a significant vacancy rate with staggering departures being voluntary. This attrition rate directly impacts patient care, as overworked nurses struggle to access essential medical equipment promptly. Insights into actual utilization patterns, coupled with an understanding of seasonal demands, empower hospitals to optimize asset allocation and distribution. Furthermore, benchmarking against national standards allows for a more informed approach to asset management, ensuring resources are strategically deployed where they are most needed.

**In the ever-evolving landscape of healthcare, efficient asset management stands as a cornerstone for operational success, patient care, and financial sustainability. With a myriad of challenges ranging from nursing shortages to cybersecurity threats, healthcare organizations are compelled to reassess their asset management strategies to navigate these complexities effectively.**



## 01 Rental Assets

Rental assets play a crucial role in addressing temporary surges in demand or fulfilling specialty needs within healthcare facilities. However, the management of rental assets adds another layer of complexity to asset management processes. To navigate this complexity effectively, hospitals must implement robust processes and include rental assets in their capital planning strategies. By understanding the top drivers for equipment rental and developing tailored processes to manage rentals efficiently, healthcare organizations can strike a balance between cost-effectiveness and operational flexibility.

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## 03 Asset Management

Efficient asset management is not merely a matter of operational efficiency; it directly impacts patient outcomes, nurse workload, and financial viability. By optimizing asset allocation and streamlining processes, hospitals can alleviate the burden on overworked nurses, reduce the time spent searching for equipment, and ultimately enhance patient care. Moreover, effective asset management strategies are essential for ensuring compliance with regulatory requirements and mitigating the financial risks associated with equipment downtime or cybersecurity breaches.

## 02 Connected Medical Devices

The abundance of connected medical devices has brought about unprecedented cybersecurity challenges. Threats to medical devices pose significant risks, making cybersecurity a top priority for healthcare organizations. Integrating cybersecurity considerations into asset management processes is imperative to safeguard patient information and mitigate vulnerabilities, going beyond traditional cybersecurity measures at the software and firmware levels. By adopting a proactive approach to cybersecurity, healthcare organizations can enhance data protection and ensure the integrity of their medical device ecosystem.

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## 04 Market Challenges

The healthcare industry is at a critical juncture, facing unprecedented challenges that demand immediate attention. With nurses actively considering leaving the industry and increasing pressure on healthcare systems, the urgency to optimize asset management processes has never been greater. Moreover, the evolving threat landscape necessitates a proactive approach to cybersecurity, with healthcare organizations needing to stay ahead of emerging threats to safeguard patient data and safety.



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