carahsoft The Trusted Government IT Solutions Provider®

Buyer's Guide for Healthcare

Discover Solutions to Achieve HIPAA Compliance, Safeguard Patient Data, Reduce Clinician Workload, Automate Manual Tasks, and Enhance Patient Experience

FEATURING: ***Solution Areas*** • ***Success Stories*** ***Group Purchasing Organizations*** • ***Policies*** • ***Upcoming Events***

Count on Carahsoft®

The Trusted IT Solutions Provider for the Healthcare Industry™

- Patient Facing Care
- Healthcare Analytics
- Protecting Healthcare Organizations from Cyber Breaches
- Modernization of Healthcare IT
- Identity Management and Fraud Prevention

Carahsoft offers an innovative portfolio of healthcare technology solutions that improve the overall quality, safety and effectiveness of health delivery systems.

carahsoft.

Email HealthcareMarketing@Carahsoft.com to learn more.

Welcome to the Healthcare Buyer's Guide!

The healthcare industry stands apart as a dynamic and innovative field, continually evolving to meet patient needs through cutting-edge technologies and adaptive regulations. Industry stakeholders like providers and public health agencies face incredible opportunities to improve patient and population health while managing costs through the adoption of innovative IT solutions. In this guide, we'll explore how Carahsoft's unique portfolio of technology solutions supports healthcare organizations in protecting patient data—particularly in ensuring HIPAA compliance—leveraging AI/ML for enhanced decision-making, fostering interoperability across systems, driving cost reductions, and managing shared risk.

Healthcare today is also impacted by several key trends that are reshaping the landscape. The shift toward value-based care models is driving changes in how healthcare organizations deliver and measure care. At the same time, the rapid adoption of telemedicine and digital health tools is improving access to care while inspiring innovative solutions to enhance security and seamless integration. Data privacy and patient trust are more critical than ever, especially as patient information becomes increasingly digital and interconnected. Industry leaders are exploring automation and AI to support care delivery and augment the capabilities of their existing workforce. This guide will help you understand how Carahsoft and our reseller and technology partners can support your organization in navigating these pressing issues, while empowering you to build a more secure, efficient, and cost-effective healthcare system.

Tim Boltz
Healthcare Program Executive
Carahsoft

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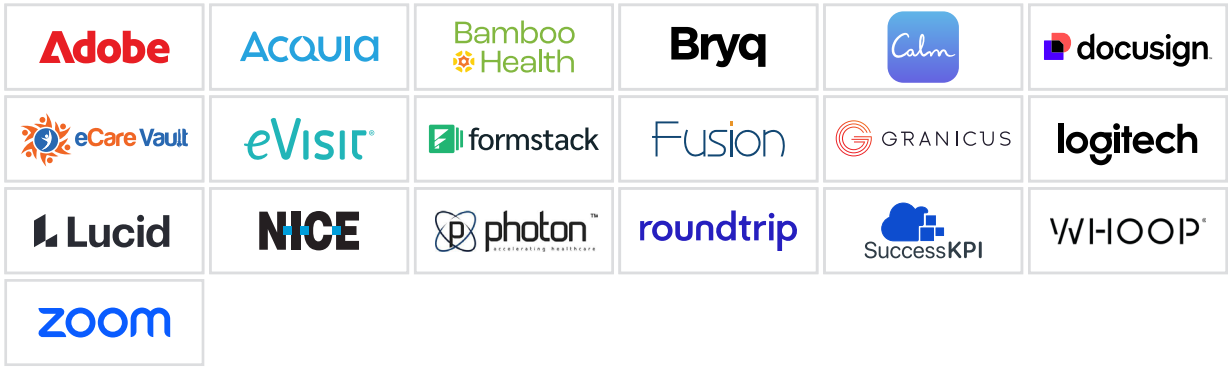
Healthcare Solution Areas

Today's leading healthcare organizations and agencies are harnessing the power of AI, telehealth, data modernization, and cybersecurity to deliver high-quality services in a secure manner. As the healthcare industry continuously evolves, reliable technology solutions are critical to improving patient care, interoperability and efficiency.

Carahsoft, The Trusted IT Solutions Provider for the Healthcare Industry™, offers an innovative portfolio of healthcare technology solutions that improve the overall quality, safety and effectiveness of health delivery systems. Our solution providers' advanced IT solutions help organizations increase productivity and administrative efficiencies by decreasing paperwork, enabling real-time communication of health informatics and much more.

Patient Facing Care

Patient facing care solutions enable healthcare organizations to digitally engage with patients in a seamless and personalized way to enhance overall experience and satisfaction.



Healthcare Analytics

Healthcare analytics solutions enable healthcare organizations to leverage data to make better decisions and better patient outcomes.

Identity Management and Fraud Prevention

Identity management and fraud prevention solutions enable healthcare organizations to reduce the chances of a sensitive data breach due to unauthorized access. These solutions ensure that users are who they say they are and only have access to the information that pertains to their role.

Protecting Healthcare Organizations from Cyber Breaches

Cybersecurity solutions protect healthcare organizations from ransomware attacks and the theft of sensitive health information.

The HIPAA Security Rule requires healthcare organizations must establish technical safeguards to reasonably protect electronic protected health information.

The Department of Health and Humans Services (HHS) also recently published Healthcare and Public Health (HPH) Cybersecurity Performance Goals (CPGs) to help healthcare organizations prioritize cybersecurity practices. The solutions below can help organizations achieve these goals:

Modernization of Healthcare IT

Modernization of Healthcare IT solutions enable healthcare organizations to streamline business operations, enhance productivity, bolster cybersecurity posture, reduce overhead costs, and deliver better user experiences for both staff and patients.

AvaSure | BeyondTrust | BROADCOM | ca technologies | Collibra | Commvault
DELL Technologies | docusign | formstack | Google Cloud | GRIDLESS | Hewlett Packard Enterprise
Jotform | TUNGSTEN AUTOMATION | MuleSoft | NCS TECHNOLOGIES | new relic | NUTANIX
nuvolo | ORION | Red Hat | salesforce | SAP NS2 | servicenow
snowflake | VERITAS | vmware by Broadcom

Success Stories

Many healthcare organizations and public health agencies have found success in adopting high-quality IT solutions to achieve their mission. Explore the stories of how other healthcare organizations have achieved their goals with the help of Carahsoft's vendors.

Streamlined Hospital Staffing, Better Patient Outcomes, and Better Overall Care – All Made Possible with Help from BlackBerry Cross

Exceptional patient care is the foundation of everything this community hospital does across its many primary and ancillary departments. A prominent community hospital, dedicated to exceptional patient care, sought to enhance its staffing efficiency to improve patient outcomes. By implementing BlackBerry® AtHoc®, the hospital successfully streamlined its recruitment and scheduling processes, ensuring optimal resource allocation across its various departments.

The Challenge:

In the demanding environment of healthcare, effective resourcing is crucial. For this physician-led hospital, which employs several hundred clinical staff and several thousand support staff, ensuring that medical professionals are always where they're most needed is often a matter of life and death. The hospital's commitment to a patient-first approach necessitated a regularly reviewed care model centered on positive patient outcomes. However, coordinating daily staffing operations across multiple primary and ancillary departments presented significant challenges, potentially impacting the quality of care provided.

The Solution:

To address these challenges, the hospital's resource operations center adopted AtHoc, a critical event management solution designed to enhance communication and coordination. This platform enabled the hospital to streamline its recruitment and scheduling processes, ensuring that the right personnel were in the right place at the right time. By leveraging AtHoc's capabilities, the hospital improved its staffing efficiency, which is essential for maintaining high standards of patient care.

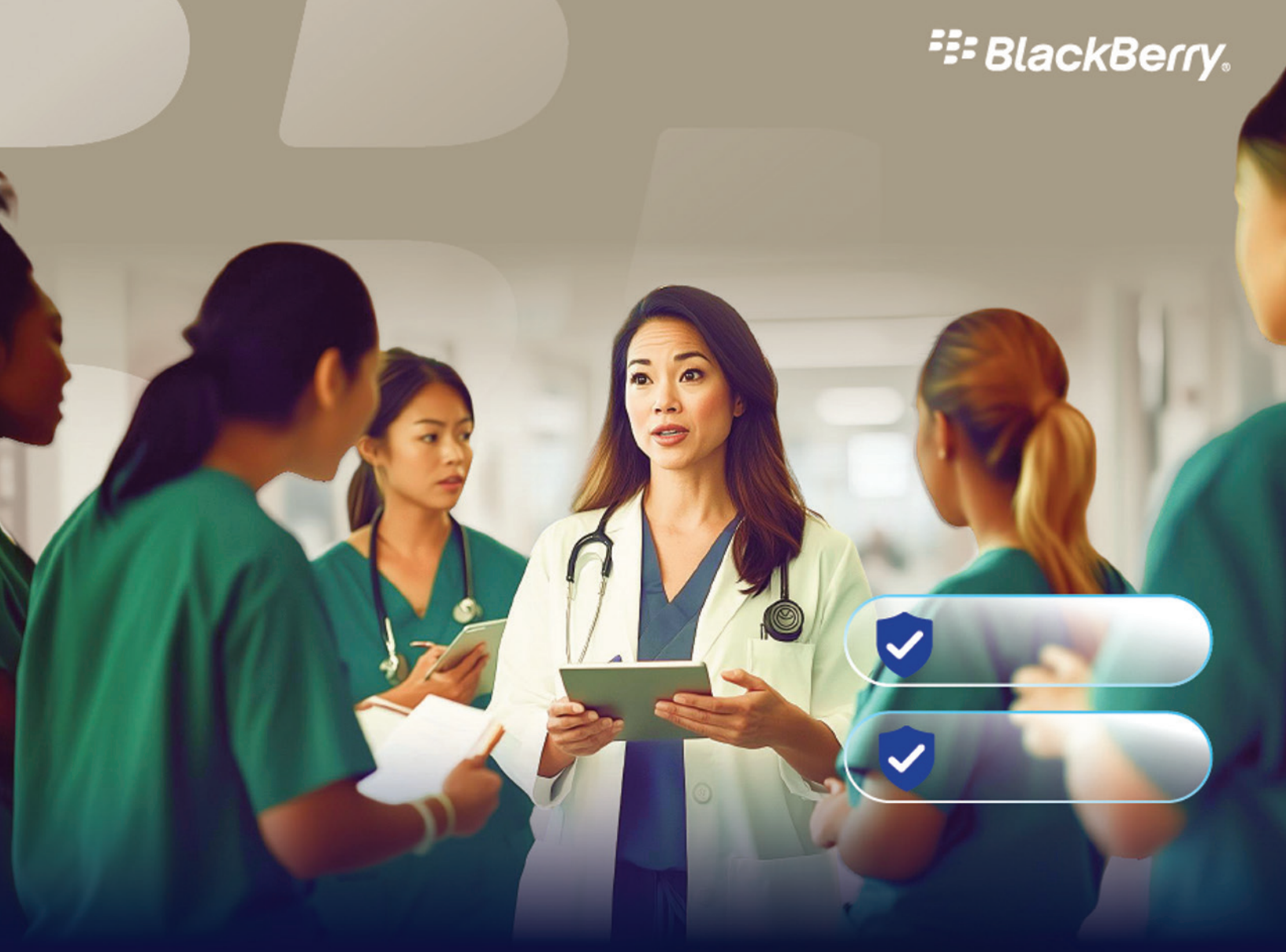
Key Takeaways:

The implementation of AtHoc allowed the hospital to overcome significant staffing coordination challenges, leading to better patient outcomes and overall care. This underscores the importance of effective resource management in healthcare settings and demonstrates how leveraging advanced communication solutions can enhance operational efficiency and patient satisfaction.

"When we compare BlackBerry AtHoc to the processes that we had with our previous system, I can sit down and complete three or more alerts in the time it would have taken me to do one. And one template within BlackBerry AtHoc can place over and hour's worth of manual calls. We're sending out multiple templates each day, so we're seeing huge time savings across the board."

Lead Resource Specialist

BlackBerry



Does your business have a workplace violence prevention plan in place?

LEARN MORE

www.blackberry.com

CLOUDERA

Cloudera & CDC: Enhancing Public Health Through Data-Driven Solutions

The Centers for Disease Control and Prevention (CDC), the nation's leading public health agency, safeguards the health and safety of over 337 million Americans by leveraging data-driven insights to protect against health threats. By utilizing Cloudera for data and advanced analytics, the CDC has enhanced its capabilities for managing and mitigating infectious diseases.

The Challenge:

The CDC faced several critical challenges in effectively managing and analyzing data for public health purposes. Integrating data from diverse sources, such as surveillance systems, lab results, and global repositories, proved to be a significant hurdle. This data resided in disparate systems and formats, hindering the creation of a unified and comprehensive view of public health trends. Furthermore, traditional data analysis methods, particularly for genomic data, were inefficient and time-consuming. Analyzing large datasets required manual intervention and involved working with multiple programs and files, impeding timely insights and effective responses to emerging threats. These challenges limited the CDC's ability to effectively leverage data to protect public health.

The Solution:

Cloudera addressed these challenges by providing a centralized platform for data integration and analysis. The Cloudera data lakehouse architecture enabled the CDC to consolidate data from diverse sources, breaking down data silos and creating a unified view of public health trends. Furthermore, Cloudera empowered the CDC to overcome limitations in data analysis by enabling efficient processing of large datasets, including genomic data. This facilitated rapid analysis and accelerated the generation of valuable insights.

Finally, Cloudera fostered collaboration within the scientific community by enabling the development and sharing of custom-built User-Defined Functions (UDFs) for bioinformatics analysis. These UDFs streamlined data analysis workflows, empowering researchers to perform complex analyses more efficiently and generate more dynamic insights.

By addressing these critical challenges, Cloudera empowered the CDC to effectively leverage data for public health purposes, leading to improved disease surveillance, advanced genomic research, and ultimately, better health outcomes for millions of Americans.

Key Takeaways:

Unified Data Management:
Cloudera enabled the CDC to consolidate data from diverse sources into a unified data lakehouse, breaking down data silos and improving data management.

Accelerated Data Analysis:
Cloudera empowered the CDC to efficiently process and analyze large datasets, including genomic data, leading to faster insights and improved decision-making.

Enhanced Collaboration:
Cloudera fostered collaboration by enabling the development and sharing of custom-built UDFs, streamlining data analysis workflows and empowering the scientific community.

Improved Public Health Outcomes:
Cloudera empowered the CDC to improve disease surveillance, advance genomic research, and ultimately, enhance public health outcomes for millions of Americans.

CLOUDERA

Revolutionize Healthcare Operations with Scalable Data Solutions

Enhance pathogen detection and outbreak response with scalable genomic analysis

Unify clinical, operational, and research data for faster, data-driven decisions

Enable cross-agency collaboration with a secure, open data lakehouse platform

Learn More

DELL Technologies

Saving Lives and Revolutionizing Healthcare With GenAI: Northwestern Medicine Collaborates With Dell Technologies and NVIDIA on a GenAI Solution That Can Greatly Improve Patient Outcomes and Boost the Efficiency of Healthcare Delivery

Northwestern Medicine saw that AI could enable caregivers to be more effective in helping patients and accelerate healthcare delivery. To deliver on the potential of AI, it sought to follow a unified approach that would encompass the organization's data assets and data sources instead of providing another specialized software tool.

The Challenge:

Innovative caregivers at Northwestern Medicine realized early on that AI can transform healthcare by enabling clinicians to make smarter care decisions more rapidly and take better care of patients than more specialized, disparate technology tools allow. Northwestern Medicine evolved its Generative AI (GenAI) practice with a solution that can save patients' lives by highlighting critical conditions and streamlining such processes as reviews of medical imaging.

The Solution:

Collaboration on GenAI Solution Development

Northwestern Medicine created its GenAI solution in collaboration with the AI engineers and thought leaders at the Dell Technologies AI Innovation Lab in Round Rock, Texas. "I immediately knew that this was going to be a partnership of kindred spirits," says Etemadi. "The Dell Technologies AI Innovation Lab team feels like a part of our organization. We're working together side by side, solving difficult challenges so we can provide the best possible care to our patients."

Etemadi explains the collaborative approach. "Cloud technology can quickly get costly, and it's also more rigid in terms of how you need to access and provision resources. We find it's less expensive and more convenient to deploy GenAI solutions directly on our on-premises infrastructure. Partnering with Dell Technologies makes that even easier."

Dell Technologies and Northwestern Medicine teams accessed the resources of the Dell AI Factory with NVIDIA to engineer and test a GenAI solution to run multimodal large language models. By combining Dell's AI infrastructure and NVIDIA's industry-leading GPUs, high-performance networking and software with turnkey strategies and automated workflows, Dell Technologies and NVIDIA enable organizations to securely develop and deploy GenAI at scale. The GenAI infrastructure designed in the Dell AI Factory with NVIDIA is a cluster of four Dell PowerEdge XE9680 servers, each equipped with eight NVIDIA H100 GPUs. Northwestern Medicine deployed it on premises, where AI researchers can work closely with medical practitioners. "Combining the power of NVIDIA GPUs and the flexibility of Dell PowerEdge servers allows us to solve real problems affecting real patients," Etemadi comments. "It's truly a match made in heaven."

"GenAI and AI offer a tremendous opportunity to help us take better care of our patients and give time back to care providers."

Dr. Mozziyar Etemadi
Clinical Director of Advanced Technologies, Northwestern Medicine

Saving Lives and Giving Time Back to Caregivers

Automated Radiology Interpretation and Evaluation System (ARIES), the first GenAI tool built on this solution, reviews radiology images in a rapid first pass, quickly providing radiologists with diagnostic findings and anomalies that would normally require hours of review. This allows radiologists to interpret the images and address patient's health challenges faster. Dr. Samir Abboud, chief of emergency radiology at Northwestern Medicine, says, "With many GenAI beta users, we're seeing an up to 40 percent efficiency gain. When one of our more junior radiologists first worked with ARIES, it took his productivity level to that of someone with 15 or 20 years more experience — without any drop-off in quality."

GenAI also creates the first draft of labor-intensive radiology reports. Radiologists can finalize them quickly and dedicate more time to patients. The efficiency of GenAI will help mitigate the shortage of radiologists in U.S. healthcare organizations. "Working with ARIES is almost like having an extra member of your team," says Abboud. "This technology absolutely helps save lives. One reason for this is the prioritization that allows us to address the most critical patients first. Another is simply allowing radiologists to accomplish more."

Scaling Healthcare Transformation

As part of a research study, Northwestern Medicine has rolled out ARIES to its 11 hospitals, broadened the reach of GenAI to nursing and other caregiver roles, and it continues to drive collaborative innovation. "Together with Dell Technologies and support from NVIDIA, we're democratizing access to the very tools that create AI," says Etemadi. "I want every hospital system worldwide to have its own AI factory."

Using GenAI to draw on its data assets, Northwestern Medicine constructs digital twins that can help manage the health journey of individual patients, but which can also scale to encompass entire clinics or populations. "By building models that can predict the future, we can finally stop being reactive and be proactive in patient care, hospital management and population management," notes Etemadi. "Powered by GenAI and multimodal large language models, healthcare will soon be able to predict disease states months to years before they happen."

Google Cloud

Google & The National Cancer Institute: NanCI: Revolutionizing Cancer Research with AI-Powered Networking and Knowledge Sharing

The National Cancer Institute (NCI) in partnership with Google Cloud and Barnacle AI, introduces NanCI- a groundbreaking mobile and web application designed to accelerate cancer research. NanCI leverages the power of Google Cloud's artificial intelligence (AI) to connect researchers with relevant colleagues, events, and scientific papers, fostering collaboration and innovation.

The Challenge:

NanCI helps cancer researchers overcome key challenges by filtering and personalizing information in the rapidly evolving field, ensuring they stay updated on relevant advancements. It also facilitates networking and career development by connecting researchers for collaboration and mentorship. Additionally, NanCI streamlines access to training and funding opportunities, making information retrieval more efficient.

"NanCI represents a transformative leap in how we empower cancer researchers. By connecting scientists with relevant information and fostering crucial professional networks, this AI-powered app, a collaboration between NCI, Barnacle Labs, and Google Cloud, directly addresses the overwhelming challenges faced by early career investigators. Our goal is clear: to accelerate breakthroughs and ultimately, to end cancer as we know it."

Oliver Bogler, Center for Cancer Training (CCT), National Cancer Institute

The Solution:

NanCI Core Features:

- AI-Driven Recommendations: Personalized matches for collaboration, events, and scientific literature
- Enhanced Collaboration: Connects researchers based on shared community and social interests
- Streamlined Access to Information: Efficiently delivers critical scientific content
- Multi-Platform Accessibility: Available on iOS, with Android coming soon
- Built on Google Cloud Platform: Utilizes Google Cloud's cutting-edge AI capabilities
- Developed with Responsible AI Principles: Ensures trustworthiness and reliability

Key Takeaways:

Benefits for the Cancer Research Community:

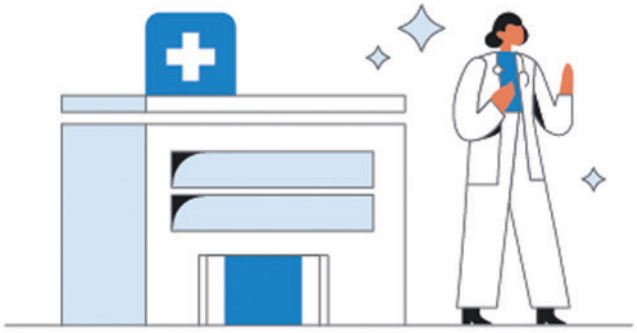
- Addresses Critical Need: Streamlines networking and knowledge sharing
- Powered by Advanced AI Technology: Provides a state-of-the-art user experience
- Supports the NIH Google Cloud Platform STRIDES Initiative: Advancing the use of cloud computing in biomedical research

NanCI exemplifies the transformative potential of health IT. By enhancing data sharing, improving access to information, and fostering collaboration, NanCI has the potential to significantly accelerate the pace of cancer research and ultimately improve patient care.

Google for Government

Unlock possibilities with Google Cloud in Healthcare and Life Sciences

Google Public Sector empowers public health organizations to transform through data-driven innovation. We leverage the power of data and AI to revolutionize disease understanding, streamline care collaboration, and enhance citizen well-being.



Transforming Healthcare Through AI & Investment

- **15+ years** investing in healthcare (>$5B deployed)
- **50+** operating investments & ongoing M&A
- **4,000+** healthcare & life sciences customers
- **Leader in Machine Learning** with best-in-class cloud security (APPs, APRA, HIPAA, GxP ready)
- **Flexible** hybrid & multi-cloud solutions

Integrated Public Sector Solutions

- **Personal Health:** Wearables, digital health apps, remote monitoring, predictive analytics.
- **Engagement:** Streamlined scheduling, records, care management, claims lifecycle.
- **Diagnosis & Planning:** Personalized care plans, faster diagnostics.
- **Collaboration:** Tools for caregivers and providers.
- **Research:** Google's platform for AI innovation, choice, and cost savings.

For more information, please visit the Google Public Sector website:

Laserfiche®

50% Reduction in Processing Time: How Community Health Centers of Florida Modernized Data Entry with Laserfiche

Community Health Centers of Florida (CHCFL) is a nonprofit healthcare provider with 15 locations offering a wide range of medical services. To enhance efficiency and reduce administrative burdens, CHCFL implemented Laserfiche to automate its accounts payable (AP) processes, eliminating manual data entry and streamlining procurement.

The Challenge:

As a nonprofit healthcare provider, CHCFL must procure pharmaceuticals, medical supplies, and equipment at the highest quality for the lowest cost. However, its previous AP system was error-prone and failed to integrate with the organization's Abila MIP Fund Accounting system. This led to excessive manual data entry, slowing down invoice processing and diverting valuable staff time from patient care. CHCFL needed a seamless, automated solution to manage thousands of invoices efficiently.

The Solution:

CHCFL partnered with Hemingway Solutions to implement Laserfiche's enterprise content management system. With Laserfiche, the organization fully automated its AP workflow:

- Staff submit requisition forms in the Abila MIP system, generating purchase orders (POs) that automatically flow into Laserfiche for approval and processing.
- Automated workflows route documents to the appropriate personnel for approval, eliminating manual data entry and reducing processing time.
- Packing slips and invoices are scanned into Laserfiche, where the system intelligently captures and verifies key information, including vendor details, invoice numbers, and PO matches.
- Laserfiche's integration with Abila ensures financial data accuracy, while real-time notifications keep staff informed of each invoice's status.

With these enhancements, CHCFL cut AP processing time in half, freeing staff to focus on delivering essential healthcare services.

Key Takeaways:

50% Reduction in Processing Time:
Eliminating manual data entry significantly streamlined invoice management.

Seamless Integration:
Laserfiche works directly with CHCFL's Abila MIP system for accurate financial tracking.

Improved Efficiency:
Automated workflows optimize procurement and AP processes.

Scalability & Expansion:
CHCFL is extending Laserfiche automation to direct pay invoices and other business processes.

User-Friendly & Adaptable:
Staff can quickly adjust workflows to meet evolving needs.

"I cannot fathom processing the current volume of invoices 'the old way.' Laserfiche has cut our processing time in half."

Dee Bradshaw,
Director of Purchasing, CHCFL

Laserfiche® | carahsoft.

Drive Staff and Patient Success Through Business Automation

Modernizing Healthcare Services with Intelligent Document Management from Laserfiche

Laserfiche empowers your organization to:

- **Streamline Document Management** – Digitize, organize, and securely access patient records and administrative files.
- **Automate Workflows** – Reduce manual processes for faster approvals, claims processing, and case management.
- **Ensure Compliance** – Meet HIPAA, HITECH, and government regulatory standards with built-in security.
- **Enhance Collaboration** – Enable seamless information sharing across departments and agencies.

Learn More:
carah.io/laserfiche

rubrik

Rubrik Success Story: California Department of State Hospitals Attains Cloud Mobility with Rubrik

The California Department of State Hospitals (DSH) sought to modernize its data management capabilities to improve operational efficiency, enhance data security, and achieve cloud mobility. Partnering with Rubrik, DSH transformed its IT operations while ensuring secure and efficient access to critical data.

The Challenge:

DSH manages highly sensitive patient data across five hospital locations and must comply with stringent state and federal regulations. Its legacy systems lacked the agility needed to support cloud adoption or safeguard against cyber threats. Slow recovery times and complex backup processes impeded their ability to meet data protection and operational goals. Additionally, the organization needed a scalable solution to handle increasing data volumes while maintaining compliance and operational continuity.

"IT supplies the backend technology for our security systems, which are crucial for hospital safety. Over 90 percent of our patients are forensically committed, which results in a more precarious environment than your average hospital. As a result, ensuring our staff's well being is a top priority"

Andrew Hinkle, CTO, DSH

Key Takeaways:

- Reduced recovery times from hours to minutes.
- Enabled cloud mobility and scalability for critical operations.
- Improved data security and compliance with Zero Trust Data Security.
- Simplified data management through automation and analytics.

The Solution:

Rubrik's data management platform provided DSH with a streamlined, automated backup and recovery solution that integrated seamlessly into its hybrid cloud environment. By enabling rapid data recovery and cloud migration capabilities, Rubrik supported the organization's goals of enhanced scalability and agility. With Rubrik's Zero Trust Data Security framework, DSH minimized its vulnerability to ransomware attacks and gained granular control over access permissions, meeting compliance mandates with ease.

Rubrik also delivered comprehensive visibility and analytics across DSH's data management workflows. This ensured the IT team could proactively monitor and optimize their environment, driving greater efficiency and reliability in their operations.

rubrik

Rubrik Success Story: St. Luke's Secures Millions of Patient Records from Cyber Threats

St. Luke's University Health Network, a nationally recognized healthcare organization, partnered with Rubrik to safeguard its critical data assets, ensuring patient care continuity and compliance with healthcare regulations.

The Challenge:

St. Luke's faced significant challenges with its legacy data management systems, which were complex, time-intensive, and ill-suited to meet the evolving needs of modern healthcare. Prolonged recovery times jeopardized patient care, and the organization lacked the agility to support its growing data demands across multiple hospital locations. Additionally, St. Luke's needed a reliable solution to guard against cyberattacks, particularly ransomware, which posed a growing threat to healthcare providers.

"We have 2.5PB of data and about millions of patient records in our environment we have to secure every day. Cyber resilience to St. Luke's is absolutely crucial to ensure that we have the right security foundation. Moving to a system like Rubrik that was much more dynamic and integrated with our environment was essential for us."

David Finkelstein, CISO, St. Luke's

The Solution:

Rubrik delivered a transformative data management solution that combined robust data protection, ransomware recovery, and cloud-readiness. The organization leveraged Rubrik to achieve faster backups, near-instant recovery, and seamless integration into its hybrid IT infrastructure.

With Rubrik's immutable backups and ransomware detection capabilities, St. Luke's strengthened its defense against cyber threats and ensured compliance with strict healthcare regulations. The solution also simplified their data workflows, freeing up IT resources to focus on innovation and patient-centric projects.

By embracing Rubrik's data management platform, St. Luke's scaled its data operations to match the growth of its healthcare network, ensuring reliable access to patient data and continuity of care under any circumstances.

Key Takeaways:

- Improved recovery times, ensuring uninterrupted patient care.
- Enhanced protection against ransomware with immutable backups.
- Streamlined data management and reduced IT workload.
- Enabled scalable and secure hybrid cloud operations.

NYC Health + Hospitals: Revolutionizing Public Health Data Management with Snowflake

NYC Health + Hospitals — the largest municipal health system in the United States — is focused on using data and analytics to understand the vulnerable populations that it serves and, ultimately, deliver faster, better care to improve lives. NYC H+H has partnered with Snowflake to modernize its data infrastructure to manage critical health data more effectively, ensuring better outcomes for millions of New Yorkers.

The Challenge:

NYC Health + Hospitals faced significant challenges with its legacy data systems. These systems struggled to handle the vast and complex datasets required to support public health initiatives, especially during the COVID-19 pandemic. Limited scalability, fragmented data silos, and inefficient analytics processes hampered the organization's ability to deliver timely insights and coordinate responses. The pressing need for a unified, scalable, and secure platform became evident as the demand for accurate data skyrocketed.

The Solution:

Snowflake provided NYC Health + Hospitals with a cloud-based data platform capable of addressing their critical needs. By leveraging Snowflake's Data Cloud, the organization was able to consolidate disparate data sources into a single, unified platform. This ensured seamless access and real-time visibility, enabling the organization to break down data silos and streamline its operations.

The platform's scalability allowed NYC Health + Hospitals to effortlessly expand data processing capabilities to meet growing demands, including pandemic-related surges. Snowflake's advanced analytics and integration with tools like Tableau empowered stakeholders with actionable insights, enabling data-driven decisions and enhanced reporting.

Additionally, Snowflake's robust security and compliance features ensured that sensitive patient information was protected. This alignment with rigorous data governance standards allowed the organization to maintain trust and compliance with regulatory requirements. Together, these solutions transformed how NYC Health + Hospitals managed and utilized its data, improving efficiency and response times during critical moments.

Key Takeaways:

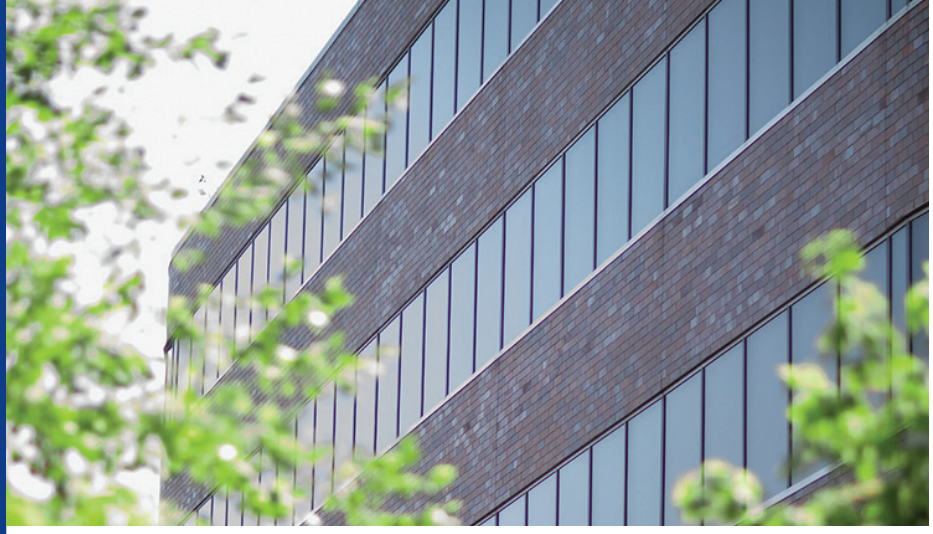
- Snowflake's platform enabled NYC Health + Hospitals to save significant time by automating data aggregation and analysis processes.
- The scalable solution provided the agility needed to respond to public health crises effectively.
- Enhanced analytics capabilities led to improved operational efficiency and better patient outcomes.
- Centralized data improved collaboration and transparency across departments.

SailPoint

The core of healthcare security is identity

- Govern and secure access to your patients' data
- Ensure clinicians can do their jobs on day 1
- Seamlessly integrate with clinical applications

Scan QR to learn more



Group Purchasing Organizations (GPOs)

To better serve our customers, Carahsoft holds a wide array of contracts to help your healthcare organization streamline its procurement of the best-fit technology solutions for your mission needs. In addition to open market quotes, customers can purchase solutions off of these major contract vehicles:

E&I Cooperative Services (E&I)

E&I Cooperative Services (E&I) is the largest and most experienced member-owned, non-profit purchasing cooperative serving the needs of education.

GSA Multiple Award Schedule (MAS)

The General Services Administration (GSA) Multiple Award Schedule (MAS) is an IT procurement contract vehicle that provides government customers' state-of-the-art IT products, solutions, and services needed to serve the public. Carahsoft's GSA schedule number is GS-35F-0119Y.

NASPO ValuePoint

The NASPO ValuePoint Cooperative Purchasing Organization (formerly WSCA-NASPO) provides the highest standard of excellence in public cooperative contracting. The contract is a unified, nationally focused cooperative aggregating the demand of all 50 states, the District of Columbia and the organized US territories.

National Cooperative Purchasing Alliance (NCPA)

The NCPA contract is available for use and benefits all organizations that must comply with state purchasing laws (state, cities, counties, non-profits, public and private schools, colleges and universities and all governmental agencies. NCPA is a national governmental purchasing cooperative able to leverage one of the largest pools of purchasing potential.

OMNIA Partners, Education Software Solutions and Services

OMNIA Partners, Public Sector contracts are available for use and benefit all entities that must comply with state purchasing laws (state, cities, counties, non-profits, public and private schools, colleges and universities and all governmental entities). OMNIA Partners, Public Sector is a national governmental purchasing cooperative able to leverage one of the largest pools of purchasing potential.

The Quilt – National Research & Education Contract

The Quilt is the non-profit national coalition of 38 of our country's most advanced regional research and education. Participants in The Quilt provide advanced network services and applications to over 400 universities and thousands of other educational institutions, state and local government agencies, healthcare, non-profits, and libraries.

Explore the benefits of how you can count on Carahsoft and our Reseller Partners

- 24x7 availability call us at 888-662-2724
- Dedicated support specializing in serving enterprise ready solutions
- Ecosystem of value-added reseller partners
- Contract Expertise: We understand your procurement needs and the outcomes you're seeking
- Quick turnaround quote: Get the IT solutions you need with the fast, accurate service you deserve
- Substantial cost savings on HIPAA-compliant products and service portfolio from certified technology brand partners
- Advanced healthcare technology solutions including Electronic Health Records and Health Information Management, Cybersecurity & Compliance, Artificial Intelligence & Analytics, DevSecOps and Open Source Technologies

Policies You Should Know

Healthcare technology policy has seen a few changes over the past couple of years. Below are some key policies you should be aware of to align your organization's mission.

HIPAA Act

The Health Insurance Portability and Accountability Act (HIPAA) of 1996 established standards and requirements for the protection of individuals health information.

The privacy rule specifically prohibits unauthorized disclosure and mandates the healthcare organizations establish proper safeguards to prevent this unauthorized disclosure while still allowing the exchange of information between healthcare organizations when necessary.

HITECH Act

The Health Information Technology for Economic and Clinical Health Act, AKA "HITECH Act" was passed into law February 17th, 2009, as part of the American Recovery and Reinvestment Act.

The HITECH Act incentivized the adoption of electronic health records (EHRs), promoted information sharing, strengthened security/privacy standards of HIPAA, and imposed penalties for HIPAA violations.

21st Century Cures Act

The 21st Century Cures Act was signed into law on December 13th, 2016 and provided billions of dollars in government funding to federal and state and local agencies aimed at advancing medical device development, curing disease, helping fight the opioid epidemic, and improve mental health services.

In addition to the funding, the Cures Act also defined interoperability and directed the Office of the National Coordinator for Health Information Technology (ONC) to create a trusted exchange framework that healthcare organizations could use to exchange health information securely between information systems.

HTI-1 Final Rule

ONC's Health Data, Technology, and Interoperability: Certification Program Updates, Algorithm Transparency, and Information Sharing (HTI-1) rule was finalized on December 12th, 2023 and implements the provisions outlined in the 21st Century Cures Act that pertain to interoperability and health information exchange.

Major elements of the rule include:

Algorithm transparency
Disclosure requirements for when artificial intelligence and machine learning algorithms are being used

USCDI Version 3
Development baselines for health IT products

Enhanced Information Blocking Requirements
Revises blocking definitions and adjusts certain exemption rules to promote information sharing

New Interoperability-Focused Reporting Metrics for Certified Health IT
The metrics help address information gaps in the health IT market by providing insights into how certain IT functionalities are being used and who they're being used by.

HHS's Health Care and Public Health (HPH) Cyber Performance Goals

The Department of Health and Human Services released the HPH cyber performance goals in January of 2024 to help healthcare organizations establish a cybersecurity framework and best practices for defending their organizations against cyber attacks.

The goals are voluntary and consist of 10 "essential" and 10 "enhanced" goals designed to increase cyber resiliency, help organizations prioritize high-impact tasks first, and ultimately protect sensitive health information from unauthorized disclosure. Examples of goals include email security, multifactor authentication, 3rd party security, and incident response plans.

ONC's 2024-2030 Federal Health IT Strategic Plan

In March of 2024, The Office of the National Coordinator for Health Information Technology (ONC) released a draft of their desired roadmap for Federal healthcare IT for the next 6 years. The plan emphasizes ethical, equitable, and secure design/implementation of health IT.

The four major goals are:

1. Promote Health and Wellness
2. Enhance the Delivery and Experience of Care
3. Accelerate Research and Innovation
4. Connect the Health System with Health Data

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Upcoming Healthcare Events

The Healthcare IT landscape is full of innovative and groundbreaking use cases that lead to better patient outcomes. Stakeholders and thought leaders from across the healthcare ecosystem are coming together at events across the US to share best practices and solve the industry's biggest challenges. Whether showcasing new technologies or networking with leaders in health IT, dive into Carahsoft's recommendations below for the top upcoming healthcare technology events to attend this year.

Becker's 15th Annual Meeting

April 28-May 1 | Chicago, IL
In-Person Event

Becker's 15th Annual Meeting features 4 days of discussions focused on the biggest issues facing healthcare leaders and executives. You can expect carefully crafted discussions and exclusive insights into the big ideas driving successful systems forward. You'll also have the chance to connect with leaders from across the U.S. for impactful conversations inspiring positive change.

Join thousands of your executive peers for a glimpse into the C-suite discussions happening at health system across the country and leave with clear action items to improve your organization.

HIMSS: AI in Healthcare Forum

July 10-11 | New York, NY
In-Person Event

The HIMSS AI in Healthcare Forum cuts through the hype to showcase real-world examples illustrating the transformative potential, and realistic challenges, of implementing AI across the care continuum.

The forum is the first part of a new series from HIMSS in 2025 exploring the opportunities and challenges facing health systems across clinical, operational, financial, and practically every aspect of the organization as we witness the relentless rise of AI in healthcare.

Across two days of learning, you'll hear from and collaborate with leaders at other top healthcare institutions at the forefront of integrating AI applications at their health organizations. Attendees will gain actionable insights from successful implementations, and learn how leading health systems are tackling challenges around AI today. All tomorrow's AI experts are coming—are you in?

The Medicaid Enterprise Systems Community (MESC) 2025

August 11-15 | Louisville KY
In-Person Event

The Medicaid Enterprise Systems Community (MESC) is a national conference and community for state, federal and private sector individuals to exchange ideas related to Medicaid systems and health policy affected by those systems.

GovCIO Health IT Summit

September 19 | Bethesda MD
In-Person Event

Government is strategizing the next phase of health IT transformation to combat future health crises and advance health care, research and software implementation. In this process, agencies are employing new concepts and tools to further health agency missions across the public sector.

We brought together federal health IT leaders to discuss the latest developments in public health through topics such as electronic health records (EHR) modernization, emerging tech investments, data interoperability and sharing, and more.

HLTH 2025

October 19-22 | Las Vegas, NV
In-Person Event

HLTH is forging ahead into new realms of possibilities, gathering 12,000+ influential leaders, executives and visionaries who are passionately creating the next generation of healthcare. At HLTH you can foster meaningful connections, gain insights on cutting-edge trends, enhance your professional journey, or elevate your organization to unprecedented success.

As the healthcare industry's preeminent all-inclusive event experience, HLTH 2025 is your gateway to achieve your unique mission. Will you be there?

CHIME Fall Forum

November 4-8 | San Diego, CA
In-Person Event

At CHIME24 Fall Forum, leaders from across the healthcare landscape will gather to redefine what it means to lead in an ever-evolving industry.

Join us in San Diego from November 4-8, 2024, as we explore the future of healthcare leadership through innovative sessions, thought-provoking keynotes, and impactful discussions. This year's theme, Digital Health Mavericks: Leading the Change, celebrates the bold, forward-thinking leaders who are not just adapting to change but driving it.

This Week Health 229 Roundtables

Various Dates and Locations

229 Project CIO events are small gatherings of healthcare IT leaders who convene to discuss innovative solutions to the industry's greatest challenges. This year the 229 Project will host a series of CIO Roundtables. Carahsoft will be there as part of our new and growing partnership with This Week Health, the organization behind the 229 Project.

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