

NucleusHealth™ and Children's Hospital Colorado Partner to Allow Physicians to View and Manage Medical Images Securely Via the Cloud

Built on Microsoft Azure technology, the Nucleus.io™ platform will enable enhanced workflows, reduce costs and foster collaboration

SAN DIEGO and AURORA, Colo. ([PRWEB](#)) July 24, 2018 -- [NucleusHealth](#) and Children's Hospital Colorado's (Children's Colorado) [Center for Innovation](#) have formed a strategic partnership to improve patient and provider access to medical images using the Nucleus.io platform, a cloud-based enterprise viewer and medical image management solution. The partnership will allow Children's Colorado to utilize state-of-the-art imaging technology to consolidate disparate medical imaging data across their entire organization for improved image availability. Providing Children's Colorado with quick and secure enterprise-wide access to patient medical images from any web-enabled device will improve physician satisfaction and will help their clinicians develop quicker diagnoses and treatment plans. It also has the potential to allow patients and their caregivers to play a more active role in their own healthcare by giving them the ability to view and share medical images remotely in the cloud in future versions.

Built on the Microsoft Azure cloud computing platform, Nucleus.io enables web-based medical image uploads, access, archiving and diagnostic-quality image viewing using modern web browser and Microsoft Azure technologies without the delays commonly experienced with other cloud or enterprise-based solutions. As the first pediatric hospital to partner with NucleusHealth in implementing Nucleus.io, Children's Colorado will serve as a co-development partner by creating a clinical feedback loop between physicians and engineers to ensure the development of innovative new solutions that solve practical clinical workflows to improve patient and provider satisfaction. Nucleus.io will accomplish this is by allowing providers the ability to instantly access diagnostic-quality images from any web-enabled device remotely and exchange those images securely with other providers, ensuring care teams have the right information they need when making important patient care decisions.

“Our new, exciting collaboration with NucleusHealth, an effort spearheaded at Children's Colorado by John Strain, MD, has the potential to usher in a new era of medical image storage, viewing and transmission for not only Children's Colorado, but the entire field of pediatric medicine,” said Nicholas Stence, MD, Director of Pediatric Neuroradiology at Children's Colorado. “By storing medical images on the Azure cloud, we are not only enabling healthcare providers to access high-quality images securely from almost any location, including their mobile phones; we are also ensuring those images are not vulnerable to the same threats as images stored via enterprise-based solutions, such as damage due to flooding or other natural disasters. At the same time, storing images in the cloud like this will allow for easier sharing and collaboration – for both diagnostic and research purposes.”

A major concern within pediatric facilities is the need for storage of digital medical images for decades or longer. Nucleus.io and Azure technologies allow for scalable image archiving within Azure's secure cloud platform. Patients' images can be easily accessed using the patented streaming technologies built into Nucleus.io. These technologies allow physicians to access exam results from virtually anywhere within seconds instead of hours or days.

“During our 20 years of pioneering technology for our teleradiology business, we have advanced the underlying cloud and streaming technologies that support modern medical imaging,” said Vishal Verma, MD, Chief

Executive Officer of NucleusHealth. “We can now offer those developments to the pediatric medical imaging community to help speed patient care paths while controlling data management costs, augment machine learning research and applications, and ultimately help to improve patient outcomes. We are exceptionally honored to work with such a prestigious institution as Children’s Colorado to move medical imaging to the cloud, where it will benefit the pediatric imaging ecosystem the most.”

The Nucleus.io solution will allow for new levels of collaboration between pediatric specialists and possibly foster global discoveries. In future versions of the software, clinicians from around the world will be able to collaborate with peers, access and view imaging exams, and extract greater value from their imaging data through advanced analytics and machine learning using the cloud.

“Microsoft is committed to working side-by-side with industry experts like NucleusHealth and Children’s Colorado to drive digital transformation in healthcare,” said Chris Sakalosky, Vice President of U.S. Health & Life Sciences at Microsoft. “Cloud-powered medical imaging will allow for greater industry collaboration while benefitting from Microsoft Azure’s global scale, security and enterprise-grade reliability.”

Technology licensing opportunities for Nucleus.io include a web-scale platform as a service (PaaS) and software as a service (SaaS) solutions. Learn more at [Nucleus.io](https://www.nucleus.io).

About NucleusHealth

[NucleusHealth](https://www.nucleushealth.io) is advancing patient care through innovation in cloud-based medical image management, facilitating a global image exchange accessible by patients, physicians and health care networks. NucleusHealth licenses its software as a service (SaaS) and web-scale platform as a service (PaaS) technologies to health care organizations and companies across the globe. The company’s StatRad teleradiology service was founded in 1996 by radiologists for radiologists, and develops and implements forward-thinking solutions for radiology groups. For more information, call us at +1 (858) 251-3400, or visit us at www.nucleushealth.io and www.nucleus.io, or connect with us on Twitter and LinkedIn.

About Children’s Hospital Colorado

Children’s Hospital Colorado is a leading pediatric network 100 percent dedicated to the health and well-being of children, adolescents and young adults. Consistently acknowledged as one of the nation’s top pediatric hospitals by U.S. News & World Report, Children’s Colorado is recognized nationally and internationally for its medical, research, education and advocacy programs. It is at the forefront of research in childhood disease and pioneering treatments that are shaping the future of pediatrics, as well as offering everyday care for kids throughout Colorado and surrounding states. Founded in 1908, Children’s Colorado offers a full spectrum of family-centered care at its urgent, emergency and specialty care locations throughout Metro Denver and Southern Colorado, including its location on the Anschutz Medical Campus. Scheduled to open in early 2019, the new Children’s Hospital Colorado, Colorado Springs will be the first pediatric-only hospital in southern Colorado. For more information, visit www.childrenscolorado.org, or connect with us on [Facebook](https://www.facebook.com/childrenscolorado) and [Twitter](https://twitter.com/childrenscolorado).

Children’s Hospital Colorado complies with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national origin, age, disability, or sex.



Contact Information

Michael Hostetler

NucleusHealth

<http://https://www.nucleushealth.io>

+1 858-251-3400 x243

Online Web 2.0 Version

You can read the online version of this press release [here](#).