



Moon shot Mission Update

July 31, 2021

We are happy to share the latest news about our mission to transform children's healthcare by using an edge cloud to provide a next generation secure, private, scalable digital infrastructure for all 500 children's hospitals in the world. All 424 of you on this list have contributed to this mission.

- We've made some excellent technical progress. A third release of edge cloud software was deployed at Stanford Children's. It included an application developed by www.oomnitza.com, which is an extension of their enterprise technology management application being used by Peloton, Carvana and Apple. This was possible because Philips has granted us temporary licenses to audit log data for the 8 Vanguard hospitals. Some in the global health community believe improving healthcare machine management would be the single biggest contributor to improving child healthcare.
- We're installing our second edge cloud on the East Coast. Check out the photos of the box the edge server shipped in on the next page.
- Privacy has been part of our design thinking since day one. I recently posted a Medium article (<https://timothy-ck-chou.medium.com/privacy-is-not-a-reason-to-slow-down-ai-in-medicine-a12df0ed3218>) based on a talk Mirena Taskova gave at the 2021 HCCA Research Compliance Conference. Mirena is a European Privacy Lawyer with over 14 years of experience both in Europe and in the United States. She happens to be one of my former cloud-computing students at Stanford, when she took the class while completing her US law degree at Stanford Law School.
- Hannah and David Cole, as part of their Not Mini Adult podcast series, did an interview. It's a quick way to learn more about the mission. <https://notminiadultspodcast.buzzsprout.com/1141274/8758774-episode-26-the-cloud-with-dr-timothy-chou>
- The President of Ericsson North America posted about our joint work with Lucille Packard to prove out the usage of 5G as a network for the edge cloud: https://www.linkedin.com/posts/niklasheuveltop_5g-infrastructure-essential-for-bringing-activity-6822997633938792449-kiy. We have a much more detailed report for those interested.
- We're getting the Studio ready for some early adopters. It will include anonymization and federated learning toolkits, which will speed the training of AI for kids.

If you'd like to know more about anything, feel free to reach out. While our goals are big, hairy and audacious, we're more optimistic every day that this is achievable.

