

Pediatric Cloud Update

December 2019

Over the past several months there have been an increasing number of people who have learned about our work on what we call the Pediatric Cloud. Some of you come from the healthcare community, some from the companies that make healthcare machines and some from my world of high tech. All of you have been generous with your time and support so we'd like to give you an update.

We continue to make progress on the design and implementation of the cloud service. Our focus has been primarily in three major areas: integration, security & privacy. In the area of integration we've continue to refine a framework that would allow us to integrate any of the 500,000 installed healthcare machines quickly and therefore inexpensively. On the security and privacy front we have a design goal of making this cloud the most secure and private service in the world. Currently we've designed 36 features and are getting ready to vet the design with some external experts.

The best news is on December the 18th we installed the first node of the pediatric cloud, what we call Node 3, on site. More specifically Node 3 integrates a multi-mode microplate reader. More importantly it marks a landmark step out of PPT to software.

We've also been talking more about the project publicly. Alberto Tozzi invited me to speak at the Future of Pediatrics conference in Rome in November. It was first time we've discussed these ideas in public. Our "moon shot project" was met with a combination of disbelief and interest in engaging. The year ended with an invitation by Anthony Chang to speak at his AIMed 2019 conference. It was a fitting end to the year as Anthony is a core part of the origin story.

At this holiday season we'd like to thank you for your support. We continue to believe this technology could significantly change children's healthcare around the world and look forward to making major progress in 2020.

Tim