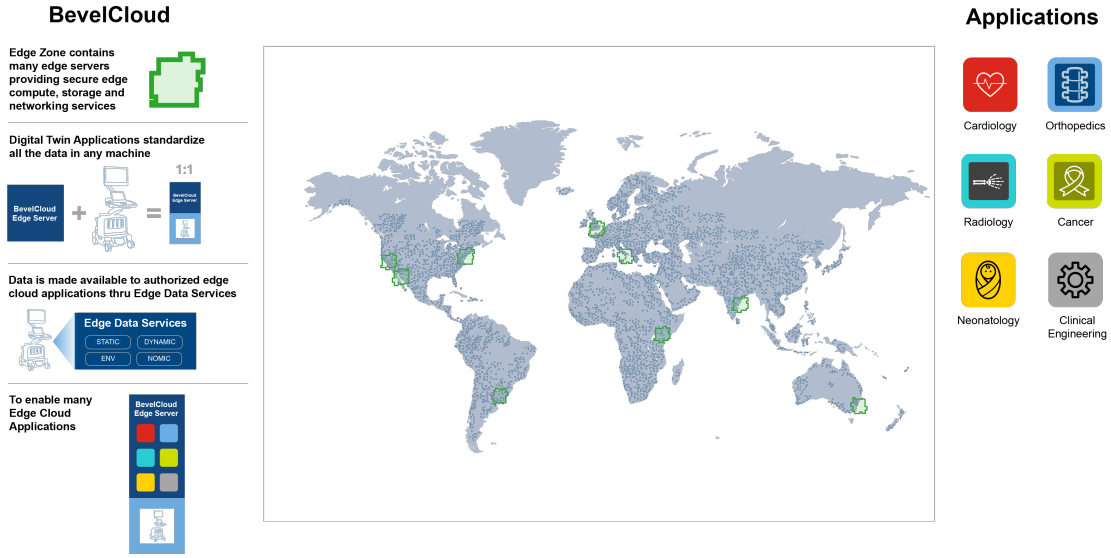
**Moon shot Mission Update**
April 2022




We continue to make remarkable progress our moonshot mission to create a new generation of transformative pediatric applications based on access, use and sharing of healthcare data from 1,000,000 healthcare machines in all 500 children's hospitals in the world

From the edge cloud point of view, we just added an edge zone at East Coast children's hospital in just under 15 minutes, an all-time record. We're currently scheduling an upgrade of existing edge zones to the Vanguard.1 release and planning several new edge zones. Our expectation is to have 10 edge zones in four continents by the end of June, which would give us as many zones as the center cloud providers. Also, based on our digital twin applications, just these 10 zones alone will give authorized applications the ability to access, use and share over 100,000 echo studies, which is over 100TB of data in the first year. That is 3X the amount of data available in the NIH's Imaging Data Commons project.

On the application front, we're replacing our test application with the production TeleRay image sharing application. Oomnitza Clinical, designed to improve security and uptime of healthcare machines, is also part of the Vanguard.1 release. Vanguard.2 is scheduled for Q2, and we're planning on adding Dyad Medical's application along with Stanford's EchoNet Peds app. We've also added several Stanford computer science teams to our moonshot mission.

To learn more, join Alberto Tozzi, Timothy Chou and David Cole on May 11th for their panel session at CHT 2022, where they will be talking about how they'll recruit more to the mission. Register at https://cypmedtech.nihr.ac.uk/child-health-technology/.

On May 24th, join Charitha Reddy, Mirena Taskova, Travis Shanahan, Fatme Charafeddine, Darren Gates, Alberto Tozzi, and Adam Gold for an in-person panel in San Francisco at the Global AIMed conference. They will discuss the current challenges accessing, using and sharing healthcare data. Register at https://ai-med.io/all-events/global-summits/aimed-22/.

As alwaysm if you'd like to learn more or are interested in contributing, let us know by emailing moonshot@bevelcloud.io.