TITLE (20 words maximum)

USQ's Turbo.Net - The Journey So Far

ABSTRACT CONTENT (300 words)

USQ heard about Turbo.net via the QUDIT Digital Workspace CoP and joined the QUDIT project in 2019 with other Universities to investigate the use of Turbo.net to deliver applications to off-campus students and into laboratories with the view of deceasing the packaging and deployment workload, we have each semester.

Along with other universities in the project, we packaged a few test applications. These were placed on the project's file share allowing each University to test each other's packages.

After having spent some time packaging applications, it became obvious how easy it would be to have applications packaged and served out to on-campus machines from just a file share without the need for any other special software or equipment.

While Turbo.net does not take away the need to package software, the time and effort required to deploy or update software, is greatly reduced. Installing applications onto every machine becomes a thing of the past. Also allowing the ability of have multiple versions of the same software running on the one machine.

With the advent of COVID-19, we had to work out ways of giving students access to software that they would have had if on campus. This meant moving forward with the remote app side of our Turbo.Net journey, allowing students to access selected software via a web portal from any device anywhere.

Our Turbo journey is not over... We are keen to make it bigger and better, improving monitoring and performance, increasing the number of applications delivered, expanding on the use cases and making Turbo the preferred option for software deployment.

This is the story of where we are at now, the hurdles we faced, the lessons learned, and our plans for the future.