



NT Connect Case study

About NT Connect

NT Connect, an international technology developer, has launched several new ventures, including NOOZ.AI and netTalk Connect. Initially, they introduced a residential phone service offering unlimited in-network calling worldwide. Over the past five years, they've expanded into the maritime space with netTALK Maritime, providing communication systems for cruise ships. In October 2022, they launched NOOZ.AI, an aggregator application that uses AI-powered language to highlight media bias in articles.

The problem

NT Connect, a telecommunications company, initially operated from their own data center, providing residential and app-based phone services.

As they re-architected their system to leverage cloud-native technologies, they utilized Kubernetes on bare metal, maximizing their existing hardware.

However, they recognized the need for cloud solutions and chose Civo for their new aggregator application, NOOZ.AI.

To meet their four core objectives, NT Connect decided to adopt a hybrid approach, managing their own infrastructure while partnering with a cloud provider.



Objectives

Reliability

As NT Connect utilizes AI-driven technology, their use of Kubernetes is different from the typical user, requiring reactive and responsive assistance for any issues and questions.

Reduce hands-on time

NT Connect required a cloud provider who could maintain their hardware allowing for them to focus on their 'secret sauce' rather than worrying about maintaining basic infrastructure.

Cost-effective

Having already established their own data center that their system operates on, NT Connect needed a cost-effective Kubernetes provider which makes their switch worthwhile.

Practical next step

As their offerings are constantly evolving, NT Connect requires access to current Kubernetes features and the latest stable versions to help improve their performance.



Garry Paxinos
NT Connect CTO

NTCONNECT

"We use Civo for production as well as quickly spinning up test clusters to try out new extensions and configurations. This has also allowed us to stage clusters for testing development releases outside of production"



How Civo helped

NT Connect started testing out Civo's services back when they were in beta as they were looking for a specialized service to support their growth, which was not possible with traditional hyperscalers clouds.

Garry Paxinos, CTO of NT Connect, said "Civo is very easy-to-use, with effective mechanisms to use Kubernetes and to spin up our clusters."

"They are very easy to leverage with both launching clusters and the usability side of things."

With the change to a Kubernetes environment for NT Connect, it is crucial that they are able to receive timely support to help solve problems and create solutions for the tasks they are working on. Civo's exclusive Slack channel is designed for users to learn more about Kubernetes, get help, and keep up-to-date with new developments at Civo. Kubernetes support is crucial which is why Civo has industry experts supporting users with any problems / questions that they may have.

"Civo are not just reactive to our problems, they are ahead of our problems - when we have questions or concerns they are very quick in response and support us to find out what the issue is. It helps us to see if what we are trying to do isn't working right or if there is an issue with the system."

An essential part of problem solving for NT Connect is having access to the latest features and versions of Kubernetes to allow for improved performance. Civo is focused on quickly deploying apps allowing users to select from 80+ marketplace apps including databases, CI/CD, monitoring, security and more.

"The training materials on the Civo website and their webinars are valuable to us learning more about the platform."

As NT Connect already has their own established data center, it was essential for them to have predictable billing making their switch worthwhile. Civo focuses on value for money and transparency, with no hidden costs allowing our users to get prices up to 75% lower than the big 3 hyperscalers.

"Cost has been a major issue for us. We already have the hardware and infrastructure required, meaning we are constantly reviewing our TCO/OpEx for on-prem versus cloud. Civo is the first cloud provider that has allowed us to get closer to parity with on-prem costs."

Garry Paxinos, CTO at NT Connect, summarized: "It has been a pleasure working with Civo, they have been extremely helpful and responsive when we have any questions. Civo has been effective, efficient, and simple - they are easy to use and that makes it easy for us to spin up a cluster when we need."

"We use Civo for production as well as quickly spinning up test clusters to try out new extensions and configurations. This has also allowed us to stage clusters for testing development releases outside of production."

Garry Paxinos
 Chief Technical Officer

NTCONNECT

Tools and products used



Civo Kubernetes

NT Connect uses Rancher running in Civo to manage a few of their on-prem clusters.



Load Balancers

Civo load balancers helped NT Connect to distribute their traffic between different clusters.



Storage

With Civo storage, NT Connect can scale easily according to their needs and have maximum reliability on data transfers.



Tutorials

The tutorials provided by Civo have allowed NT Connect to learn more about their transition to a cloud-native infrastructure.