Centrilogic

FINASTRA

The Business Problem and How We Helped

Finastra is the third largest FinTech company in the world. It was formed in 2017 by the merger of D+H from Canada and Misys from the UK. The company provides a wide range of back-office systems for Banks around the world. And for over 5 years now, Centrilogic has been a trusted technology partner: first for D+H in Canada, and now for Finastra in the US and Europe.

THE BUSINESS PROBLEM

Finastra has embarked on a truly ambitious plan: to deliver the world's first open cloud development platform for Banks and FinTechs. The project is called Fusion Fabric, and it involves migrating hundreds of Finastra's mission-critical software applications – from ATMs to mortgage processing – to the Azure Cloud.

THE DATA STRATEGY GOAL

The goal is to create an open API cloud platform that will allow any company's financial applications to smoothly integrate with Finastra's proven back-end products and technology. Since this project will ultimately touch nearly all of Finastra's products, the stakes are extremely high. But it is also a once-in-a-lifetime opportunity to deliver a global financial software platform. It was a bet that Finastra was willing to take.

PROVIDING A WORLDWIDE EFFORT

"We continue to work with Finastra to provide 'KaaS' (Kubernetes as a Service) support to their development teams wordwide. It has been very exciting to watch their grand vision for Fusion Fabric come to fruition. And we are very proud to be helping them make that happen!"

Gui Martins
Senior Azure Consultant, Centrilogic

HOW WE HELPED

THE FIRST STEP

Finastra consulted with several different technology firms to evaluate the best way to implement this ambitious project. In the end, it was Centrilogic who showed them how they could use the power of Microsoft Azure together with Kubernetes, to implement their vision of an open API global software platform.

CREATING THE CODE TO SUCCESS

To meet their initial soft launch date, Finastra needed secure private clusters in Kubernetes. But at the time, that was not yet available on Azure. So Centrilogic's software engineers created the code that was needed to implement that in Kubernetes. After a thorough review by Microsoft, Centrilogic's new code was committed to the official Kubernetes Git repository, so that Finastra and all other Microsoft customers could have early access to this key feature.

Recognition for Award-winning innovation

Centrilogic later won an Innovation award from Microsoft for helping to implement Kubernetes as the backbone for Finastra's financial software platform. Centrilogic has also designed and implemented the automated Build, Test and Deployment pipelines for delivering the back-end infrastructure of Fusion Fabric. These pipelines allowed software to be deployed faster and with much higher quality and resiliency than had been possible before.

Exciting new self-service, cloud environment platform

Centrilogic has now also helped design and create an exciting new "self-service" platform. It can automatically create hardened and secure cloud environments for software teams across Finastra. Setting up new Azure environments used to take many weeks and involve many different people. The new self-service platform now does that work in minutes.

Centrilogic has been a key partner in helping Finastra deliver on it's vision of creating the world's first open API platform for financial software.

KEY TECHNOLOGIES

- Azure Devops
- Azure CLI
- Powershell Scripting
- Azure Virtual Networks
- Azure Network Gateways

- Python
- Kubernetes Op. Dev (Kopf)
- Azure Identity Mgt.
- Azure Devops Pipelines
- Azure Keyvaults

- Azure Traffic Manager
- Azure Bastion
- Azure Log Analytics
- Azure Api/Gateway Mgt
- Azure Container Registry
- Azure CDN