

CUSTOMER SUCCESS STORY

FINNAIR

Navigating the cloud migration journey.

7
months

Complete cloud migration
in just 7 months

 **Nordcloud**
an IBM Company



MIGRATION

Finnair saw the cloud as an essential step in their digital transformation journey.

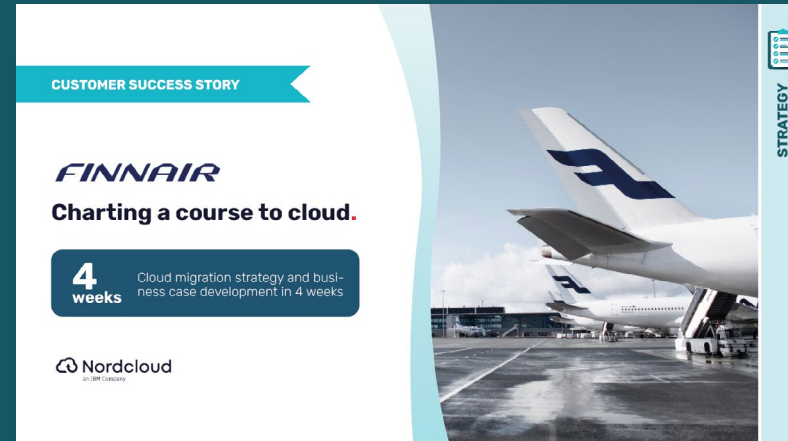
Finnair is Finland's flagship airline. The company had worked with an outsourcing and data centre partner for more than 20 years and decided to migrate to the cloud at the end of their contract.

They chose Nordcloud as their migration partner. We had just 7 months to get approximately 400 servers and 70 applications out of the data centre before the contract ended.

Here's how we did it.



Rapid TCO assessment, vendor funding and migration roadmap development.



Read how we developed Finnair's migration business case and strategy **in just 4 weeks.**

[Get case study](#)



Migration challenges.



SPEED

In total, we had 7 months to exit the data centre before the end of their contract.



RESOURCING

The Covid-19 pandemic struck during the migration planning phase. The global aviation industry ground to a halt, which led to furlough and new working patterns at Finnair.



TECHNICAL DEBT

Some key applications used technologies that wouldn't work in AWS and needed modernising, which meant we couldn't do a wholesale lift and shift.



With Nordcloud, we decided to mainly lift and shift because of the short timeframe. However, certain applications needed replatforming and rearchitecting because of technical debt. Nordcloud helped us create a steering group with us, them and AWS working together really well to keep the process running smoothly.

TIINA FLYTSTRÖM

Head of Infrastructure & Cybersecurity

Finnair





We were used to stiff project processes with distinct waves based on technologies. Nordcloud's migration methodology was agile, with a DevOps way of executing the work. That meant we could move really quickly at each stage.

TIINA FLYTSTRÖM

Head of Infrastructure & Cybersecurity

Finnair

The approach: Managed Cloud Migration.

Finnair used Managed Cloud Migration, a unique Nordcloud offering that helps customers reap cloud benefits quickly.

It's an operationally and financially savvy way to transition to the cloud because it eliminates migration risks while delivering 2 important benefits:



ZERO UP-FRONT COSTS

Finnair mitigated financial risks because costs were spread out over 3 years, leveraging available AWS funding and incorporated into the monthly opex for managed services. This gave Finnair closer alignment between cost and value.



FAST TRACK TO VALUE FROM THE CLOUD

Our managed services cloud engineers worked alongside our migration and modernisation experts throughout the process, leveraging cloud-native tooling and automation.

As a result, there was no operational risk because everything was in place for cloud enablement straightaway.



Lift and shift + Rearchitecting/Replatforming + Managed services.

As part of the migration strategy process, we used cloud-native tooling to analyse Finnair's workloads and applications and quantify the value of lift and shift versus rearchitecting and replatforming for each one. We therefore had a combined approach to ensure the best results.

● LIFT AND SHIFT

We lifted and shifted approximately 400 VMs and 50 applications from the data centre to AWS Cloud.

● REARCHITECTING AND REPLATFORMING

The remaining 20 or so applications were modernised with rearchitecting and replatforming. For some applications, modernisation meant Finnair could save on licences. For others, we eliminated technical debt and enabled the application to perform more effectively and cost-efficiently in the cloud.

Importantly, we managed all workloads and applications as they were migrated and modernised

This created a seamless transition to cloud services – without requiring Finnair to build a new operations team.



Having managed services integrated into the project was key to our success. Often, these projects fall down because the right documentation isn't there for managed services. Because of Nordcloud's integrated approach, documentation was continuously updated based on whatever changes were being done.

TIINA FLYTSTRÖM

Head of Infrastructure & Cybersecurity

Finnair





Read how we executed all rearchitecting and replatforming alongside the lift and shift – and within the 7-month window.

[Read more](#)

The modernisation piece is a story in itself.



MIGRATION

Out of the data centre in 7 months.

We did it. In just 7 months, we migrated approximately 400 servers and 70 applications so Finnair could exit its data centre as planned.

And we did it on budget.

As a result, Finnair is on track for a double-digit TCO reduction. Capacity and licence costs have fallen dramatically. Expensive basic incidents have more or less disappeared. And managed services costs are based on consumption. Their entire commercial model is now scalable, and the service delivery model is completely agile.



We are extremely happy. We are 100% cloud. I am genuinely surprised that we completed the migration in 7 months and without any major hiccups.

TOMI PIENIMAKI, CDO, Finnair





What's next?

The lift and shift has provided a platform for ongoing modernisation, so Finnair can continue on its digital transformation roadmap – using native technologies to help achieve its strategic growth ambitions.



The result was a wonderful surprise! People didn't think it could be executed in such a short timeframe, especially given constraints around coronavirus. But we executed the migration as planned, and the business is saving a very significant amount of money.

TIINA FLYTSTRÖM

Head of Infrastructure & Cybersecurity, Finnair





Managed Cloud Migration: Finnair's fast track to value from the cloud.



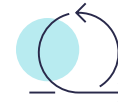
SPEED

- ✓ ~400 servers and 70 applications in cloud just 7 months
- ✓ Migration completed on time and within budget
- ✓ Efficient rearchitecting and replatforming removed technical debt and provided access to native services



SAVINGS

- ✓ Double-digit TCO reduction
- ✓ Zero up-front costs – plus leveraging vendor funding
- ✓ Savings from licence and capacity optimisation and incident reduction



AGILITY

- ✓ The pandemic presented an opportunity to act when applications weren't at normal capacity
- ✓ Integrated migration/managed services approach meant Finnair got more value from day 1
- ✓ Finnair has a strong technology foundation for driving strategic growth

Migrate to the cloud – with zero up-front investment and immediate savings.

Nordcloud is a European leader in cloud application modernisation, development, migration, managed services and training.

Clients say working with us is like having a compass for their cloud journey – you have cloud-native experts guiding best practice, pre-empting pit-falls, providing essential technical support and helping you achieve better, faster results.

Managed Cloud Migration

Managed Cloud Migration is an operationally and financially savvy way to transition to the cloud. There are **zero up-front migration costs** – instead, it's spread out over 3 years, incorporated into the monthly opex for managed services. And **you get value faster**, because our managed services cloud engineers work alongside our migration and modernisation experts throughout the process. We help manage workloads and applications from day 1, so you quickly reap the cost and business benefits of cloud.



Faster results

We're cloud pioneers with a 100% cloud heritage. This means we're not just jumping on bandwagons or superimposing trends on to legacy ways of working. You get better, faster results because you have cloud natives guiding your journey.



Empowered teams

We're commercially focused, using proprietary tools and technologies that help you maximise the cost savings and value potential of the cloud. From technology to training, from design to DevOps, you get the support needed to capitalise on cloud benefits.



Global cloud leadership

We're a leading partner for all 3 public cloud platforms – Microsoft Azure, Google Cloud Platform and Amazon Web Services – and are featured in Gartner's Magic Quadrant. You get impartial advice that accounts for your entire tech stack – and is based on your best interests.

[Contact us to discuss your cloud journey](#)

[Contact us](#)

