

MyRepublic boosts network capacity to meet increased demand for broadband



Client profile

MyRepublic Indonesia provides a range of fiber optic internet and subscription-TV services for individuals and businesses, covering almost 100 cities and districts. The business is committed to providing speed, quality and reliability at competitive rates.

When COVID-19 forced much of Indonesia to remain at home, broadband provider MyRepublic saw a dramatic increase in demand for their services.

To ensure that their customers still had an exceptional network experience, they worked with us to upgrade their core network and implement systems to provide them with full visibility of all network activity.

With tight deadlines looming, we worked together with Cisco and F5 to deliver a solution that would allow MyRepublic to can meet their customers' high expectations while still supporting their strategic objectives.



We have a strong, long-standing relationship with NTT DATA, and they were able to not only meet our high expectations in terms of fast project completion but also provide differentiable services through their cross-technology expertise to future-proof our network infrastructure.”

[MyRepublic Indonesia](#)

Business need

Meeting increased subscriber demands

MyRepublic is one of Indonesia's largest providers of broadband fiber connectivity, and customer satisfaction is a critical success factor for the business.

With lockdowns imposed, they saw a massive traffic spike on their network. Not only were their subscribers now working from home, but their network also became the primary conduit for entertainment, staying in touch with friends and family, and homeschooling.

This caused traffic volumes to double, putting strain on their network infrastructure. They made the decision to upgrade their existing infrastructure to address immediate issues and support the future growth and success of the business.

With the network already seeing the impact of these changing traffic patterns, they needed to implement the upgrade quickly without affecting subscriber traffic.

As we were part of the team who originally designed the MyRepublic network, they decided to leverage our expertise to make this happen.

Solution

Delivering upgrades against tight deadlines

Together with the MyRepublic team, we worked with Cisco and F5 to design a solution that addressed MyRepublic's immediate concerns while creating a foundation for future growth.

After completing a detailed analysis of the changing network patterns, we focused our efforts on improving the core of their network, creating a platform that would eliminate any bottlenecks so that all customers had an exceptional user experience.

To accomplish this, we deployed Cisco Aggregation Service Routers, Network Convergence System (NCS), and Catalyst Switches to provide MyRepublic with a network that could scale up to 100Gbps. Ensuring that the core network could scale was a critical component of the solution.

MyRepublic also wanted full visibility of network traffic. Leveraging F5 Application Delivery Controllers, we created an intelligent system with deep packet inspection capability.

This gives them unprecedented insight into network traffic patterns, including which applications are driving demand, enabling them to respond quickly and ensuring that they're able to provide uninterrupted internet anytime, anywhere.

Outcomes

A network for today and tomorrow

Working closely with us, MyRepublic were able to implement the project in just four months, ensuring they could continue to meet their promises to their customers. As a customer-focused organization in a competitive market, providing their subscribers with an exceptional service remains their core focus.

Dynamic network management

With full visibility of their network traffic patterns, MyRepublic can now better manage their services, ensuring that priority services are optimized at times when there are network traffic spikes.

Faster provisioning

Not only are their customers seeing the benefit of the new infrastructure, but the solution has also ensured that they can quickly provision devices for their staff, delivering software images and configuration files across the network. This proved to be particularly useful in situations where travel was restricted, and IT staff couldn't travel to upgrade and patch PCs at branch offices.

A secure future

With their core network ready for future demands, MyRepublic has a security infrastructure that can adapt to the ever-evolving threat landscape while rolling out new products and services to their customers.



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