

Success Story

WORLDWIDE LEADER IN NETWORKING SOLUTIONS

DEVELOP AND SUPPORT COMPLEX CONTINUOUS DELIVERY PLATFORM



CLIENT PROFILE

American multinational technology conglomerate. Leader in networking equipment and services.



CLIENT CHALLENGES

To keep pace with the dynamic market evolution and to maintain its market leading position; the Client wanted to rapidly create and deliver intelligent network solutions to provide innovative and compelling experience to its customers and to drive business agility. The Client required right IT solution to accelerate time-to-capability, improve quality and optimize cost to delivery. They wanted to transform to capitalize on new revenue opportunities by delivering reliable and on time high quality software.



SOLUTION

We enabled an end-to-end Continuous Delivery Platform built around best-of-breed tools, deploying consistently and reliably, delivering rapidly and providing full visibility into the entire release process to create a culture of accountability. The platform helped the Client to embrace 'go fast' mode and make informed decisions about cost, quality and time of delivery.

QUANTIFIABLE BENEFITS FOR THE CLIENT



↑ 25%
SPEED
of development



↓ 15%
COST
of delivery



↑ 25%
QUALITY
of application

THE SITUATION

Our Client is a worldwide leader in networking equipment and services engaged in designing and selling a range of technologies across networking, security collaboration, applications and the cloud. They work with multiple partners spread across various geographies having their own software development micro-teams and tools to manage software requirements in a distributed development fashion. Each team leverages a unique set of tools, deploys its own processes and methods optimized for their own team leading to slow releases, with several errors and bottlenecks. This lack of control on the development process lead to inconsistent quality practices; fragmented approach towards process, people and tools; lack of automation; and lack of transparency in process flows.

To keep pace with dynamic market evolution and to provide innovative and compelling experience to customers; the Client required a new approach to transform the technical aspects of software delivery by expanding the use of agile techniques and by building an end-to-end integrated tools platform to enable rapid and high quality software releases. The Client wanted to connect business, development and operations teams through common process, tool and methodology. The aim was to have a continuous and unified release process.

To solve these business challenges and to meet their goals of reducing cost, delivering faster and releasing reliably the Client, needed a partner to help take their growing services' delivery system to the next level. Tech Mahindra's experts partnered with the Client's team to assess software delivery strategy and build a roadmap to implement more rapid and higher quality application releases by developing a multi-channel platform to handle complex products and services.

TECH MAHINDRA'S METHODOLOGY AND SOLUTION

Our experts designed a Continuous Delivery Platform to unify end-to-end delivery of software production, automate and control the release process. We followed a structural process to break down our client's challenges into smaller activities to help build a robust continuous delivery platform.



DEFINE

Framework to integrate disparate processes and tools across the SDLC Lifecycle



DESIGN

Architecture for an integrated Agile / DevOps Platform



DEVELOP

Business rules, platform interfaces and governance for DevOps



INTEGRATE

Tools for DevOps adoption



DEPLOY

Platform deployment and rollout

The platform orchestrated unified release process for several applications, created visibility for all stakeholders into entire process. **It is designed for scale and supports multiple technologies. Multiple tools performing different activities are seamlessly integrated to provide a world-class development ecosystem. The platform supports close to 15,000 developers, 7,000 jobs wherein 120 new jobs are added on weekly basis, 3,000 builds per day managed by a cluster of 250 servers with load balancers, multiple masters and nodes designed for resilience and continuous availability. Self Service portal, 24/7 support, seamless tools upgrade are some of features that is driving the success of the platform.**

With this new platform, the Client is now able to release higher quality software rapidly and at lower cost. They are also able to easily monitor their pipeline and make continuous improvement.

**WHAT ARE YOUR CHALLENGES?
LET'S WORK TOGETHER TO SOLVE THEM!**

To know more contact us: befutureready@techmahindra.com

BUSINESS EXCELLENCE – TECH MAHINDRA CONSULTING