



nClouds | AWS Case Studies

Transforming 6Connex

nClouds Powers Scalable, Reliable
Virtual Event Experiences on AWS



Benefits Summary



Scalability



Cost Reduction



Reliability and
Quality of Service



Focus on Innovation



About 6Connex

6Connex designs innovative marketing, sales, recruitment, training, and HR communications tools to help businesses transform big ideas into real-world results. The company's software platform offers a fully customizable, secure, and reliable solution for a variety of applications, including virtual events and environments for career fairs, employee onboarding, user conferences, and corporate universities.

Industry

Online Events

Location

Pleasanton, CA

Featured Services

24x7 Support, Application/Infrastructure Modernization, Cloud Infrastructure, Cost Optimization, DevOps/CICD, MSP

Service Page Links

- [Managed Services](#)
- [24/7 Support Services](#)
- [Well-Architected Framework](#)
- [DevOps Services: DevOps Services](#)





Executive Summary

6Connex sought a best-practices infrastructure on AWS to establish a modern, well-architected infrastructure and required expert assistance to implement and maintain it. Leveraging AWS's reliability and security features and nClouds' DevOps and MSP services to optimize its AWS hosting, the approach was designed to navigate resource constraints and ensure a well-managed, cost-effective cloud solution.

Challenge

6Connex's existing on-premises infrastructure resulted in significant challenges for the company, including high maintenance costs, an inability to meet the reliability demands of its high-profile virtual events, and a lack of scalability that directly hampered profitability. Downtime was unacceptable, as 6Connex's core business promise was consistent, high-quality service.

6Connex started looking for a solution that would enable it to redesign its infrastructure for better performance. Given the nature of its business, zero downtime of production environments was a central requirement, as 6Connex's key promise to clients was reliability and quality of service related to virtual events. The new infrastructure also needed to have the ability to scale up and down, as required, to maximize profitability.



Why AWS and nClouds

6Connex initially engaged nClouds to help the company assess and improve its infrastructure. 6Connex was impressed with nClouds' DevOps and MSP services and asked nClouds to perform an AWS Well-Architected Framework Review (WAFR) of its CloudAnalytics supply chain planning platform.

Based on the WAFR findings and recommendations, 6Connex asked nClouds to work on items in its DevOps improvement roadmap, proactively identify and remediate issues, support the development team, and regularly communicate with product stakeholders.





“I cannot say enough about the nClouds team. Their work and efforts are tremendous and they take great care of our environment. In nClouds, we found the **next level of innovation, experience, and ability to adopt new technologies.”**

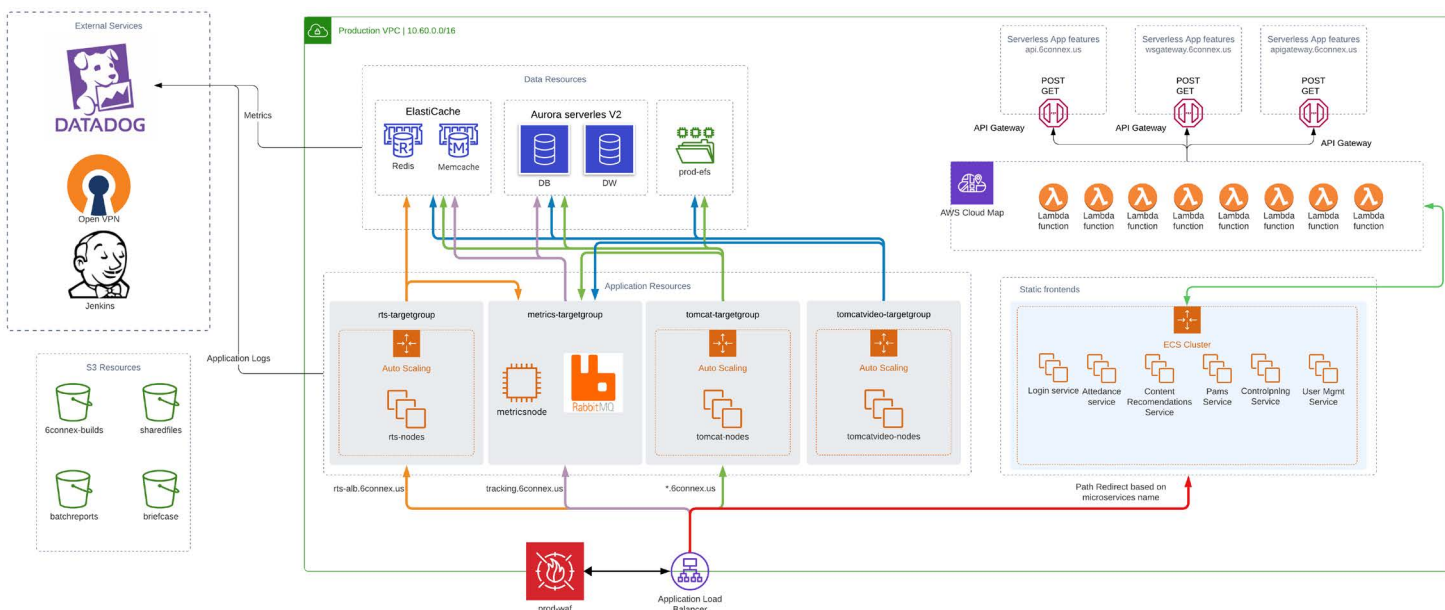
— Marc Goodell —

VP Environments and Infrastructure, 6Connex

Strategy and Solution

Partnering with nClouds, 6Connex migrated to a robust AWS architecture, achieving significant improvements in reliability, scalability, and cost-effectiveness.

nClouds leveraged its deep AWS expertise and DevOps capabilities to design and implement a modern, scalable, and secure AWS infrastructure. Following a comprehensive WAFR, nClouds implemented a customized solution incorporating best practices and utilizing key AWS services for CI/CD, compute, database, and caching to ensure high availability and performance. The solution addressed 6Connex's need for zero downtime and on-demand scalability. This included a self-healing infrastructure design that ensured rapid recovery from any potential outages.



Results and Benefits

Teaming with nClouds, 6Connex moved from an on-premises infrastructure to a highly adaptable, scalable, and effective infrastructure in the cloud. The collaboration with nClouds yielded dramatic improvements for 6Connex:



Scalability

6Connex achieved a significant increase in scalability speed, enabling scaling for events of any size within minutes instead of hours, eliminating previous limitations, and significantly boosting profitability.



Cost Reduction

Reduced infrastructure costs, freeing up resources for other business initiatives.



Reliability and Quality of Service

Improved application uptime and significantly enhanced overall quality of service, exceeding customer expectations and reinforcing 6Connex's reputation for reliability.



Focus on Innovation

By automating previously manual tasks, the 6Connex team gained valuable time to focus on developing innovative features and improving customer experiences, enhancing its competitive advantage.

By partnering with nClouds, 6Connex successfully transformed its infrastructure, achieving substantial improvements in scalability, reliability, cost-efficiency, and overall business performance. This success story highlights the value of leveraging nClouds' AWS expertise and DevOps capabilities for organizations seeking to optimize their cloud environments. Contact nClouds to discover how we can help your organization achieve similar results.

ABOUT
nClouds

nClouds is a certified, award-winning provider of AWS and DevOps consulting and implementation services. We partner with our customers as extensions of their teams to build and manage modern infrastructure solutions that deliver innovation faster. We leap beyond the status quo.