

Solution Brief

Ensuring Transformation Success

Secure and fast sandbox modelling

Secure and Fast combines Quali's Cloudshell Pro with Accedian's Skylight unified network and application performance management solution and Cavin's CyberPosture Intelligence. It promotes collaboration and enables organizations to simplify application and cloud rollouts, automate and expedite deployment processes, and validate security and compliance. Users gain visibility into resource usage and potential performance impacts – all in a replicable and secure sandbox environment before going 'live' with any changes or updates.

Organizations can use this sandbox environment to model their infrastructure, test application updates, and immediately see the performance impact and the effect of the change on their overall security, from multi-cloud environments to 5G network slices. These reusable blueprints can emulate an on-premise environment and include workflow tools such as OpenStack to create private clouds environments.

- **Network:** inbound/outbound traffic
- **Application:** 3 tier design
- **Developers:** create/deploy app
- **IT services:** operations
- **End users:** access application

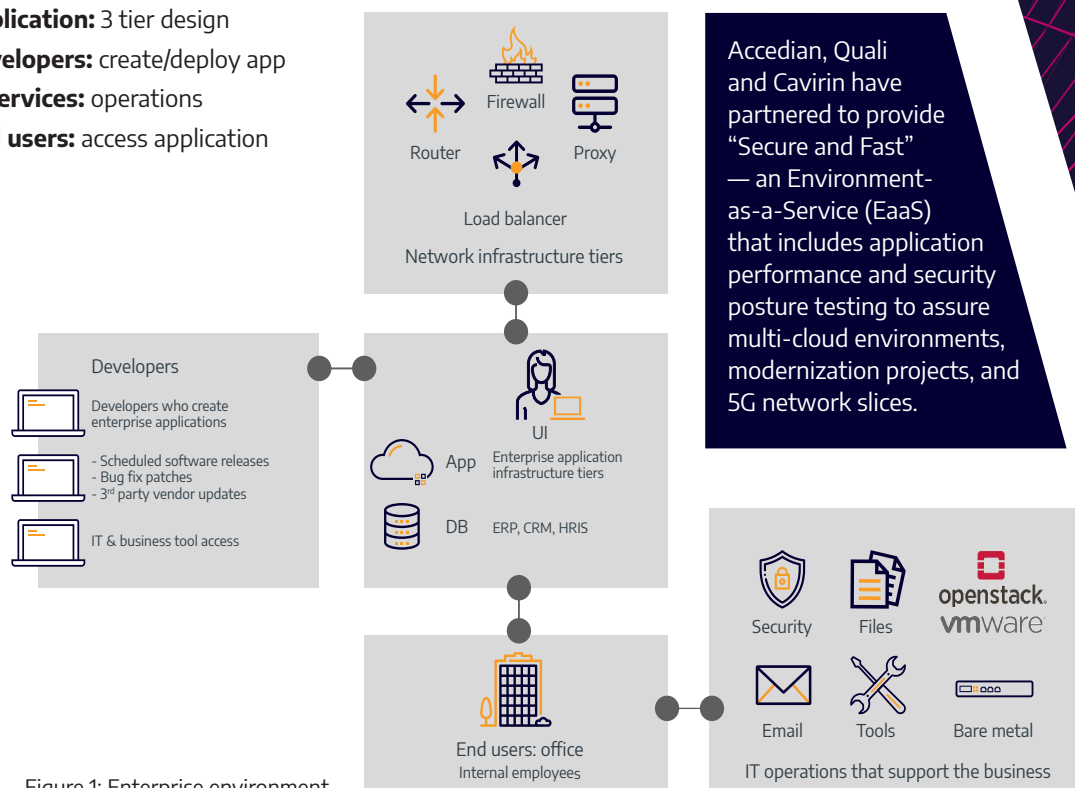


Figure 1: Enterprise environment

Secure and Fast Solution Benefits

- Faster delivery of physical, virtual and cloud infrastructure for new products and services
- Real-time monitoring of application performance and transaction times across multi-cloud environments
- Ability to pinpoint the root-causes of performance degradation
- Comprehensive visibility into the impact to overall system security posture
- Risk-free, lab-as-a-service tests of SDN and 5G network slices

Transformation challenges

A major challenge for any digital transformation initiative is to manage public cloud environments and the addition of new security tools and application architectures. Organizations are transforming IT to support new digital business processes and are migrating their on-premise applications to a public cloud such as Amazon Web Services (AWS), Microsoft Azure, Google Cloud, etc. for advantages in cost, efficiency and scale. They are also incorporating Software-as-a-Service (SaaS) solutions or multi-cloud resources that add value to their cloud-based applications.



Figure 2: Multi-cloud, SaaS & public cloud environments

Organizations need to ensure secure application delivery anywhere, with a high level of performance for key applications. Developers need to continuously update applications to add new value or resolve known issues. IT operations need to provide enablement, security and support services for workloads and workflows. Network staff need to procure secure connectivity between offices and cloud data centers.

Meeting the diverse needs of enterprise teams requires a simplified solution that also meets the following:

- Seamless automated workflows for deploying software, patch and bug fix updates
- Incorporating the necessary security and compliance services to ensure solution is not compromised
- Achieving performance in line with their service level agreements for user experience
- Ability to continuously modernize their service based upon emerging technologies and resource alignment

Secure and Fast 5G testing

Risk-free, lab-as-a-service tests of SDN and 5G network slices.

Secure and Fast is designed to automate the movement and management of data, services and workflows to hybrid clouds and new IT infrastructure without causing disruption to businesses or user experience

The flexibility of modeling any solution in Secure and Fast allows an organization to orchestrate, automate and deploy their services in an efficient, agile manner. Coupled with the Accedian solution for visibility, organizations can identify any service bottlenecks and quickly model the environment, conduct their tests and deploy to production environments based upon their workflow models.

Testing 5G networks using Secure and Fast's Lab-as-a-service capabilities empowers organizations to accelerate time to market of products and services. It becomes far easier to test 5G networks with Secure and Fast's capabilities to deploy workloads efficiently and uniformly across public, private/hybrid and multi-cloud environments.

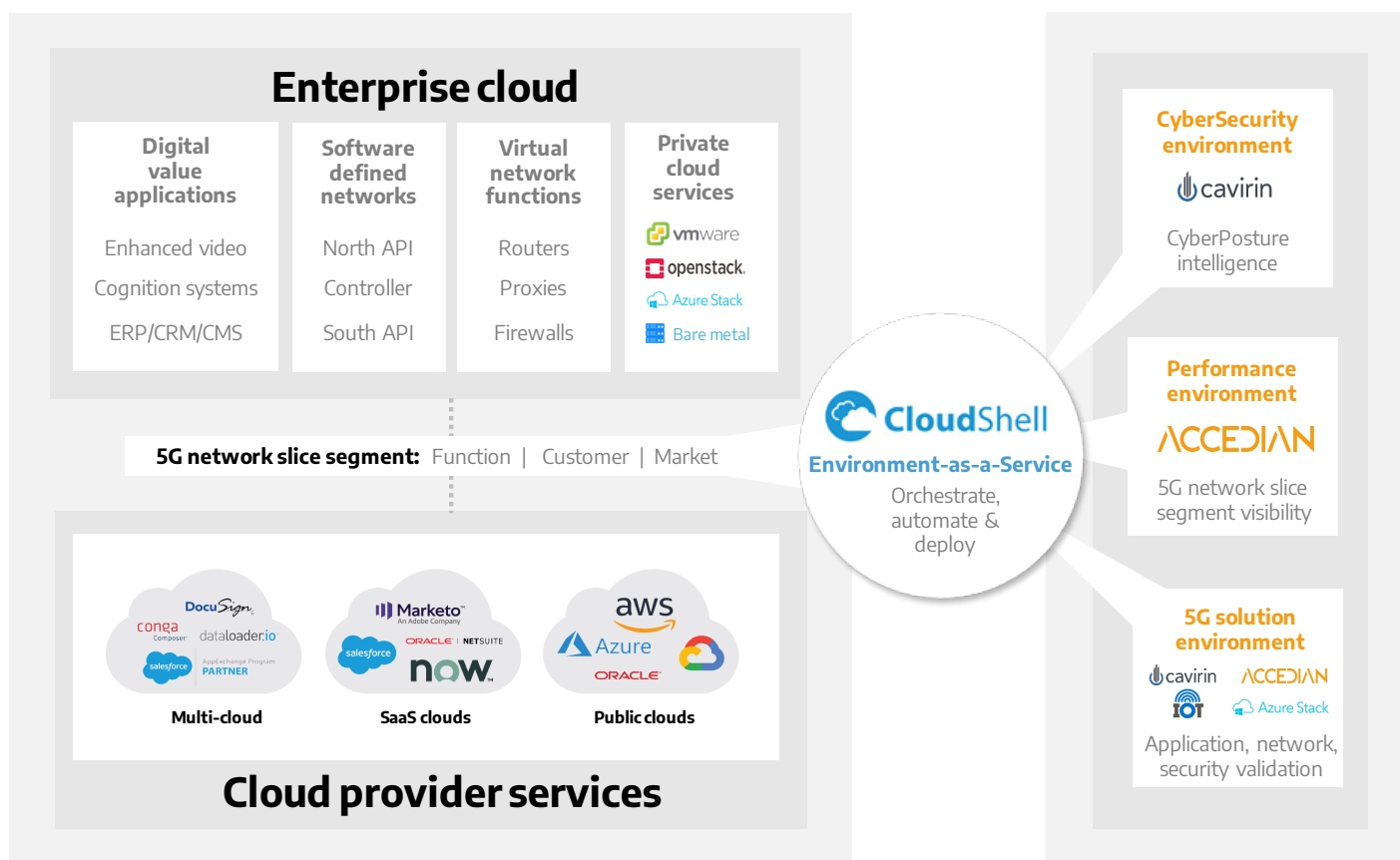


Figure 3: End-to-end solution overview

About Accedian

Accedian is the leader in performance analytics and end user experience solutions, dedicated to providing our customers with the ability to assure their digital infrastructure, while helping them to unlock the full productivity of their users.

Learn more at accedian.com