



# Single cloud management system drives air-tight security

## The customer is a leading provider of enterprise software.

The customer operates several cloud instances – servers employed to run their workloads. They were developed in isolation using different IaaS (Infrastructure as a Service) platforms, meaning each was subject to native controls offered by the different IaaS platforms, resulting in inconsistent access controls across all its deployed tenants. Computacenter was engaged to develop a standardised access control mechanism that would also enable the deployment of a single set of security controls.

## A new, centralised foundation

Computacenter partnered with the customer to develop a unified Cloud Reference Architecture. This architecture was designed to be the standard for all future cloud deployments, enabling the implementation of a centralised security management system for greater control and management.

Key elements of the project include:

**System analysis:** Computacenter worked with the customer to analyse the requirements for each of their cloud instances. Many of these systems, including their databases and web front-end servers, were found to have the same configuration requirements.

**Design and implementation:** From the analysis, Computacenter developed a new architecture which could be adopted as the design and deployment standard for each cloud instance.

**Future-proofing:** The new framework would then be used as a basis for all further cloud security architectures. Not only does this further future-proof their Cloud Services, it also serves to make their deployments more agile.

## Key project deliverables

- Analysis of each service identified infrastructure with common configuration.
- New architecture developed for infrastructure identified in analysis.
- The new architecture enhances security by making a centralised security mechanism possible.
- The customer now has greater central control of their IaaS platforms and a solid baseline for future cloud environments.
- Single, well-managed cloud architecture that reduces risk for IaaS customers.

## Breadth of engagement

**Services** Professional Services

**Solution Areas** Security

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## Why Computacenter?

- With one of the most comprehensive security portfolios of any IT Consultancy, Computacenter are well-positioned to design and implement a bespoke Cloud Reference Architecture.
- Computacenter's ability to think 'outside of the box' and bring disparate technologies together gave the customer confidence that we were the right partner.
- Our customer-centric approach to services means we take the time to gain a full understanding of customers' needs, so they received the right service at the right time.

## Value delivered

- **Centralised security:** A single cloud reference architecture enables the customer to implement a standardised security solution through the introduction of centralised security management.
- **Risk mitigation:** The new infrastructure facilitates greater information exchange between security teams, enabling them to more effectively combat cyber threats. This in turn reduces the risk of cloud tenants' data being compromised.
- **Standardisation:** This unified framework will be used as a basis for all future deployments of cloud environments implemented by the customer, which, thanks to Computacenter's architectural design, will be achieved much faster.



Thanks to Computacenter, we can be confident that our Cloud environments are ready for both today and tomorrow's security challenges."

**Security specialist**  
Enterprise software company

