

Case Study : Compliance with Financial Regulator Rules Dictate System Design

IFT Corporation and Content Security Partner to Deliver Zoned and Ultra-Secure Solution

Executive Summary

Complex financial transactions and compliance with Australian Stock Exchange (ASX) and Australian's Prudential Regulation Authority (APRA) regulators rules were critical business drivers for the client. Records and transaction logs must be tamper-proof. Separate business units operating under the holding company umbrella were sharing the same IT Hardware. Without warning, regulators could seize computer hardware for off-site examination of records and logs. The impact to the business could be devastating. Server and Storage Infrastructure were zoned and segmented allowing business to continue uninterrupted. Transactions were verified with hardware based two-factor authentication. Onerous prudential and compliance requirements were met.

Client

IFT Corporation provide IT Solutions and Managed Services for demanding environments to Banking , Insurance and Investment clients in Sydney, Australia.

Design Goals

Compliance with regulators directives was mandatory. A key deliverable was tamper proofing to meet the regulators rules. High Availability at all layers of the solution was critical. Outages represented huge potential losses and exposure to litigation. High levels of security and user authentication were essential. Underpinning this was delivering a user-friendly solution that was easy to manage.

Technology

IFT selected Juniper Networks for the perimeter Firewall and Remote Access. Juniper's SA2500 SSL VPN offered the most flexible and secure solution for remote users. Easy integration with VASCO Data Security's "Digipass" simplified installation and ongoing management.

Dependencies

Project implementation was staged. Planned outages met user resistance and had to be minimised. Much of the project was delivered out of business hours. Delayed delivery of the Server and Storage components made planning difficult. Juggling other client engagements and coordinating two engineering teams proved challenging. Minimal interruption and inconvenience to users were important considerations.

Outcome

The design goals were achieved. A highly available and scalable Infrastructure within a Virtualised Server environment was delivered. Regulator mandated requirements were met. Business units now operate independently and business continues without interruption in the event of a regulator initiated snap audit. The solution is highly secure and anti-tampering measures are in place. The Solution will stand up to the demands of users and provide those tasked with regulating the financial markets non-intrusive access to transaction records and log files.

About

Content Security have been delivering IT Security Solutions and Expertise to Government, Education & BRW Top 2000 companies for more than 10 years. Content Security is a Juniper Networks "Elite" Certified Partner.

Juniper Networks is a NASDAQ listed company (JNPR) with 7000 employees and an annual turnover of US\$3.7Bn

"Pretty Slick"

Ron Guyon
Managing Director
IFT Corporation

Ron's candid appraisal of the Engineering Skills Content Security demonstrated during the project implementation.



The Edison Company was market leader in Stock Ticker technology in 1869. The product boasted one (1) alphanumeric character per second (cps) throughput!

"We were very impressed. Content Security delivered the security components for the project with minimal interruption to our client during business hours"

Ron Guyon
Managing Director
IFT Corporation



Juniper Networks are the market leader in SSL VPN Technology. In the December 2008 Gartner Magic Quadrant for Market SSL VPN Report the companies products were located at the top of the leaders quadrant.

Gartner RAS Core Research Note G00163232



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