KATALYST
CONSULTING SERVICES

AGENTS OF CHANGE

CYBER SECURITY SERVICES

www.katalystcs.com.au

360 Audit

Engagement Model

Discovery → Assessment → Analysis → Recommendation

1 Discovery

People	Employees
Process	Security Strategy
Technology	Integrated Tools

2 Assessment

Perimeter Network	Example: Misconfigured access rules exposes sensitive data on intranet and internet Risk: Breach of customer, hr, business sensitive date Fix: Secure access rules between WAN, LAN, DMZ
GRC Maturity	Example: Cyber incident response plan Risk: Loss of reputation, revenue with delayed incident response Fix: Collection and analysis of current threats
VAPT	Example: Web applications Risk: Customer & Personal information, IP, Financial records Fix: Application access firewall and reporting

3 Analysis

Reports

- Maturity Score
- Business Risks
- Compliance Risks

4 Recommendation

Remediation

- Solution Outline and Quotes

If you need to find organisational readiness of information security, get a 360 audit. Strategic audit of your organisation for holistic security posture.

KATALYST CONSULTING SERVICES

AGENTS OF CHANGE

Firewall Audit

Engagement Model

Discovery → Assessment → Analysis → Recommendation

Firewall

Firewall is your gatekeeper protecting private businesses network and the intranet from unauthorised access. Our audits help you identify weakness in your firewall setup, while outlining desired security and policy controls.

1 Discovery

2 Assessment

Access Rules

Rules which identifies sources within the network which can be accessed from the internet. Access rules defines and controls permissions for sources and addresses which are permitted to communicate with public internet

APP Rules

Rules which define traffic for various applications. Granular application level access control provides ability to enforce corporate policies at the same time ubiquitous use of applications by the employees.

NAT Rules

Policies allowing private IP addresses within the network, to communicate with the internet using intermediate public IP. NAT offers security through address conversion, an important element of remote access.

VPN Tunnels

Remote work is being adopted by more and more organisations. To allow employees and partners to securely connect to the corporate network, VPN tunnels are employed. However, VPN tunnels if not designed or implemented properly can have security and performance issues.

Routing Rules

Though not a firewall function, routing rules in a Firewall should be carefully designed and implemented. Redundant and misconfigured routing rules in a firewall has a cost for the whole corporate network, while being a security exploit as well.

Radius Integration

Radius or LDAP integration provides granular reporting and compliance reporting while offering greater security controls. However, the design and implementation should conform to organisations security objectives.

3 Analysis

Reports

Firewall "AS-IS TO-BE" Analysis Report

4 Recommendation

Remediation

Quote to implement To-Be state of the Firewall

Firewalls can't mange itself. Our firewall aduit helps you mange it better. Firewall needs continoius updates and maintenance based on changing security requirements.

KATALYST CONSULTING SERVICES

AGENTS OF CHANGE

Penetration Testing

Engagement Model

Discovery → Assessment → Analysis → Recommendation

1 Discovery

- **Web Application** — Apps access via Web
- **Mobile Application** — Apps access via Mobile
- **Public Facing IP** — IP Open To Public Internet

2 Assessment

Application
Application security testing for web, desk-top, mobile and IoT applications. Tested against corporate policy for access and dissemination of information through the application.

Web
Website and web portals are important aspects of any business. Security breaches leads to loss of reputation and trust with the customers, partners and employees. Organisations cannot afford to have web-sites and intranet sites compromised as the associated cost would be significant.

Database
Security configuration, access and privi-lege configuration, security architecture, local and remote access policies, error handling and logging, HTTP security and input validation, Cryptography.

User Access
Authorised access control, role definition, authentication process, backdoors within the code. Session management, privilege configurations, local and remote access polices.

3 Analysis

Reports
Pass / Fail report

4 Recommendation

Remediation
Remediation roadmap with fixed price quotes

To avoid loss of reputation and trust. All public facing IT assest should be tested on regular intervals for vulnerabilities and security should be hardened.

KATALYST CONSULTING SERVICES

AGENTS OF CHANGE

Services Portfolio

Consulting, Strategy, Risk & Compliance

- Cyber Security Health Check (360 audit)
- Information Security Strategy
- Board Advisory and Executive Briefings
- Security Maturity Review
- Data Privacy Compliance
- Third Party Risk Assessment
- ISO27001 and NIST Security Framework Assessment
- PCI Compliance Pre-assessment
- ASD Essential 8
- APRA 234 Compliance
- IRAP Compliance Pre-assessment
- EU GDPR Readiness Assessment
- Identity and Access Management Advisory
- Control Risk Assessment
- Cloud Security Assessment
- Network Architecture & Design Review

Note: In Blue are risk and compliance services specific to Australia.

Technical Security Assessments

- Penetration Testing
- Vulnerability Assessment
- Human/Social Engineering Assessment
- Threat Hunting

Managed Security Services

- Managed Vulnerability Scanning
- Managed SIEM/SOC
- CISO as a Service / Onsite Information Security Specialists

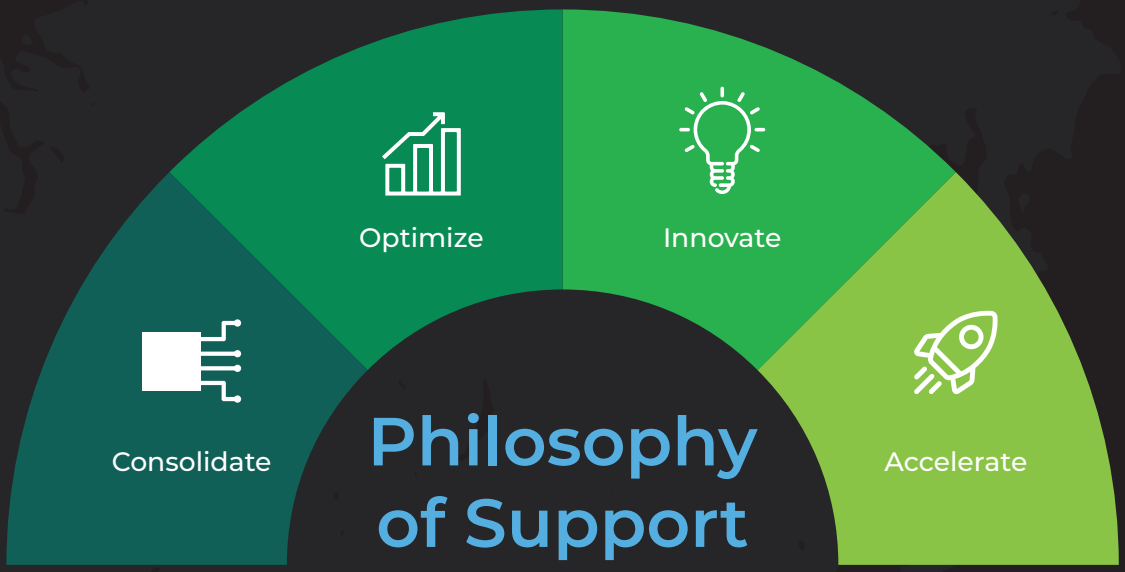
Security Awareness & Training

- Security Awareness Culture & Training

Security Solutions

- Identity & Access management (IAM)
- Privilege Access Management (PAM)
- Data Leakage Prevention / Management (DLP/DLM)
- Endpoint Security (AV, HIPS, HIDS, HFW, etc)
- Network & Perimeter Security (FW, NIDS, NIPS, UTM, etc)
- Email Security (spam filtering, phishing, etc)
- Cloud Protection / Compliance (WAF, CASB, DDoS protection, etc)
- Mobile Device Management (MDM)
- Data Backup (on-prem, Cloud, etc)

OUR SERVICES



KATALYST CONSULTING SERVICES

business nbn™ accredited adviser

Our Service Portfolio

Operations
SAP
Oracle Hospitality
odoo Open Source

Security
SONICWALL
ACSC
SOPHOS Cybersecurity evolved.
vmware Carbon Black

Sales & Marketing
vtiger
KATALYST CONSULTING SERVICES

Unified Communication
Teams
3CX

Managed Services
Microsoft
aws
DELL Technologies AUTHORIZED PARTNER
NUTANIX
SUSE
vmware

Dipankar Chakravarty
Technical Director
sales@katalystcs.com.au

1300 772 824

www.katalystcs.com.au

For Further Insights Information **Demonstration** & Feedback

KATALYST CONSULTING SERVICES

AGENTS OF CHANGE