# Cloud Controls & Assurance

Helping organisations establish controls to safeguard their data, applications and infrastructure hosted within cloud environments.

**DigiRen**

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Are you concerned about the ever-growing threat of cloud security breaches and constantly evolving requirements for operational risk management & resilience?

### You're not alone...

**61%**

of organisations reported cloud security incidents within the last year.

This represents a 24% increase from the previous year, highlighting the escalating risk landscape of cloud environments.

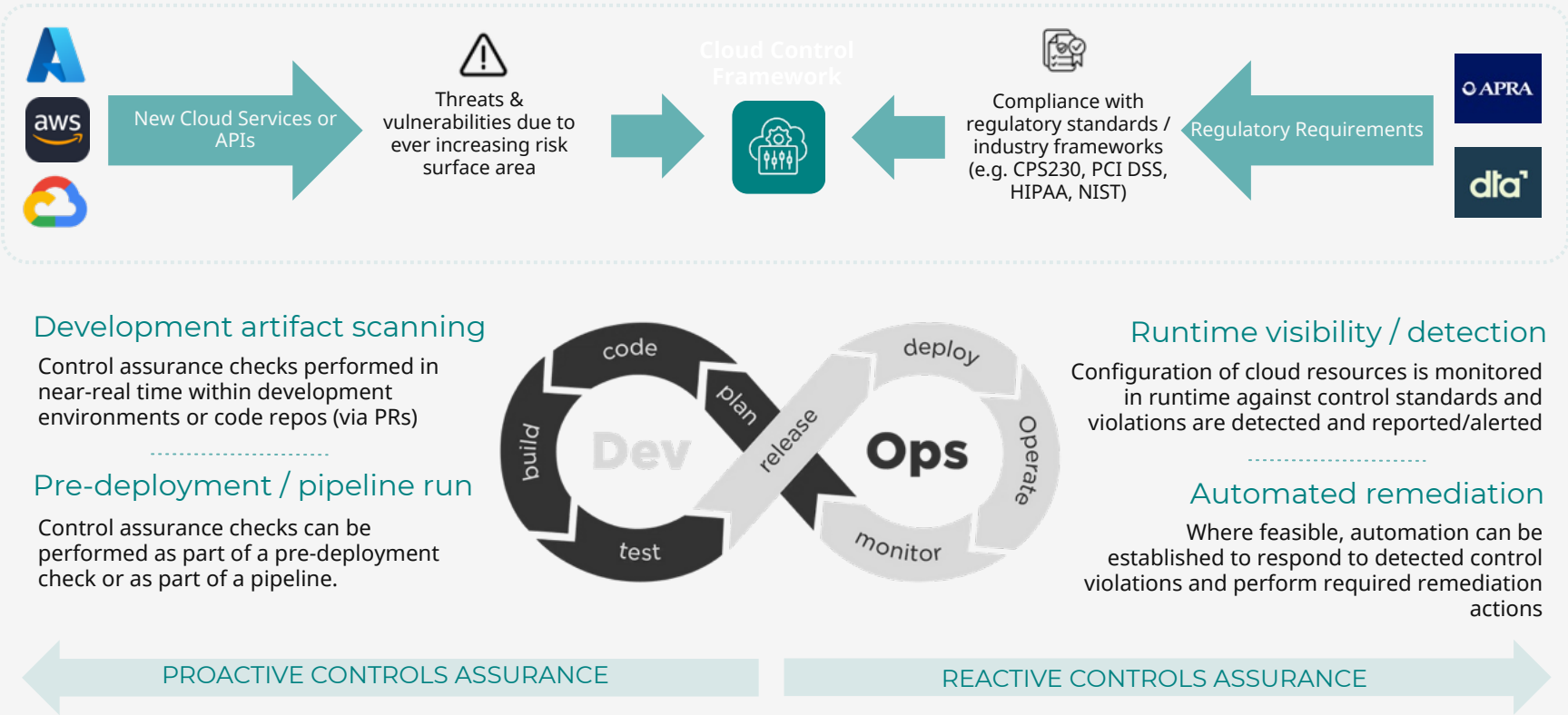*2024 Check Point Cloud Security Report*

**60%**

of organisations will experience a significant cloud disruption this year.

This highlights the increasing impetus for robust cloud operational risk management & resilience strategies

*Gartner, 2024*

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Organisations need to adopt an approach to mitigate security threats through the establishment of cloud controls (and continuous assurance against these controls)



New Cloud Services or APIs → Threats & vulnerabilities due to ever increasing risk surface area → **Cloud Control Framework** ← Compliance with regulatory standards / industry frameworks (e.g. CPS230, PCI DSS, HIPAA, NIST) ← Regulatory Requirements ← APRA / dta

### Development artifact scanning

Control assurance checks performed in near-real time within development environments or code repos (via PRs)

### Pre-deployment / pipeline run

Control assurance checks can be performed as part of a pre-deployment check or as part of a pipeline.

### Runtime visibility / detection

Configuration of cloud resources is monitored in runtime against control standards and violations are detected and reported/alerted

### Automated remediation

Where feasible, automation can be established to respond to detected control violations and perform required remediation actions

← PROACTIVE CONTROLS ASSURANCE | REACTIVE CONTROLS ASSURANCE →

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We help you build or transform your Cloud Controls & Assurance capability by "meeting you where you are" on your maturity journey

### Strategy and Roadmap

Assessing the current capability, determining the "North Star" and the roadmap of initiatives required to uplift/transform the capability to achieve the desired state.

### Operating Model

Defining the process, people, technology/tools and governance (forums/KPIs) aspects required to build or transform the Cloud Controls & Assurance capability.

### Control Framework

Establishment of appropriate cloud controls for the organisation's needs, including mappings per control (e.g. industry framework, platform vs workload, proactive vs reactive)

### Program Management

Program delivery and management services to oversee the achievement of outcomes & milestones outlined in the strategy & roadmap

### Developer Experience

Advisory on mechanisms to enable developers to achieve controls adherence without impacting efficiency (e.g. IaC templates with codified controls)

### Change and Engagement

Embedding new Cloud Control & Assurance capabilities/processes through comms/training, etc. Driving the tactical uplift of compliance rates (as required).

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## Where we've helped other Institutions

*Realigned strategy and journey to build proactive controls assurance capabilities*

Supported the bank on the strategy/roadmap and drive the change to streamlined and proactive controls assurance.

*Automated controls assurance reduced cloud onboarding from months to minutes*

Transformed manual cyber approval gates to automated proactive controls assurance checks included within cloud onboarding processes.

UNSW SYDNEY

*Consumer-aligned cloud products with key cloud security controls in-built*

Product design ensured that automated control checks are conducted when new products (e.g. new cloud account) are provisioned.

# Cloud Controls & Assurance

Helping organisations establish controls to safeguard their data, applications and infrastructure hosted within cloud environments.

## Unlock the promise of modern technology

DigiRen is a 100% Australian and privately owned specialist technology consulting company.

We exist for a single purpose, to help organisations uplift how they work around modern technologies, to realise their full potential.

## Our expert consultants bring...

### Industry experience

- Banking
- Tertiary Education
- Oil and Gas Producers
- Government

### Proven customer success



(Logos: nab, ANZ, UNSW Sydney, The University of Melbourne, Tabcorp, Kmart, Commonwealth Bank, Perpetual, LINK Group, AMP, INPEX, BHP, Government of Western Australia Department of Transport, MU, lendlease, Australian Bureau of Statistics, Australian Government Department of Defence, Government of Western Australia Department of Primary Industries and Regional Development, vodafone)

## With services designed for wherever you are on your journey.

### Strategy

Define concise, compelling and actionable strategies centered on sustainably bridging the gap between the technology goals and the core business.

### Program Leadership and Execution

Augment executive leadership to drive decision making, delivery execution and velocity. Strong focus on the change and people capability.

### Operating Model

Make the right adjustments to your work to tackle problem areas, allowing technology to better serve the business, its goals and deliver measurable improvements.

### Governance and Management

Gain insight and control over the product & service delivery, demand, cost and security & compliance of your technology estate.

### Commercial and Sourcing

Select and contract with the right technologies and partners to deliver value for money and ensure robust capability and experience to realise outcomes.

## We are committed to driving your value, by delivering work which powered by the DigiRen Difference.

Our teams are **lean and agile** to bring critical skills and expertise and move quickly, working closely with your internal teams and partners.

Uniting to **co-create value**, we focus on bringing everyone on the journey and combining our expertise with your unique insights to deliver real outcomes.



(Circular diagram: AGILITY, COLLABORATE, AUTHENTICITY, IMPACT)

We are **not tied to any technology, platform or partner**; so we can work with you and your providers without conflicts of interest, ensuring the best outcomes.

We target the real issues and pain points and provide granular and sequenced activities ensuring deliver **significant impact** for you and your customers.