



# Rethinking Cyber

*Architecting to Secure the New Digital Enterprise*

A vertical photograph of a modern building's facade. The word "SECURITY" is written vertically in large, white, three-dimensional block letters on a grey concrete wall. To the left of the wall is a glass window reflecting the sky and building interior. The overall image is split vertically, with the left half being a solid red background and the right half being the photograph.

SECURITY

# STATE OF DIGITAL TRANSFORMATION



An aerial photograph of a river delta, showing a network of water channels and land. The text "room for the river" is overlaid in a large, white, sans-serif font, slightly blurred to match the background's texture. The background is a dark, textured image of the river delta, with the text appearing as if it's floating above the water and land.

room for the river

**A STRATEGY FOR  
RESILIENCE**

**ARE WE READY for  
CYBER RESILIENCE?**





# Resilience Scorecard

55% Cyber Security and Privacy

27% Executive Metrics

46% Incident Response

72% Threat Intelligence

33% Security Culture



# Rethinking Architecture

*"Can one think that because we are engineers, beauty does not pre-occupy us or we do not try to build beautiful..."*

*Gustave Eiffel*





# ARCHITECTURE MYTHS



# The Architect's Guide

## Transformation

**Cloud Native Controls**

**Know where data resides**

**User identity is the perimeter**

## Manage Risk

**Cyber Security Frameworks**

**Emerging Technology controls**

**Reduce "Mean Time to X"**

## Automation & Efficacy

**Security Platforms**

**Develop a strategy for analytics**

**Manage Threat Intelligence**



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# Security Architecture for Digital Enterprise



SECURITY  
OPERATIONS



MANAGEMENT  
PLATFORM



DEVICE



CLOUD





# Security Operations Architecture



**PROCESS  
AUTOMATION**



**ANALYTICS**



**THREAT  
INTELLIGENCE**



**TELEMETRY**





# ATT&CK Framework

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Execution

Persistence

Privilege  
Escalation

Defense  
Evasion

Credential  
Access

Discovery

Lateral  
Movement

Collection

Exfiltration

Command  
& Control



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# Adversary Emulations

## Phase 1

C2 Setup

Software Packing

Obfuscate Files

Initial Access

## Phase 2

Compromise Host

Defense Evasion

Discovery

Privilege Escalation

Credential Access

Persistence

Lateral Movement

Execution

## Phase 3

Collect Data

Compress and Stage

Exfiltrate



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# Our Architecture Difference

## OPEN ARCHITECTURE

SIA Program  
150 partners

DXL  
120K Downloads

Cloud  
CASB Connect

## THREAT INTELLIGENCE

**Shareable**  
Internal and External

**250+**  
Adversary  
Campaigns

**50 Billion**  
Queries a Day

## MANAGEMENT PLATFORM

**Comprehensive**  
Data, Threats, EDR

**Interoperable**  
70+ integrations

**Flexible**  
Cloud and On Premise

## CLOUD NATIVE

**MVISION**



# **“Culture eats Strategy for Breakfast”**

Peter Drucker



# Culture of Security Toolkits

Move beyond theory to the practical. No matter your role, here are some actionable resources to help you get started with thinking "security-first" in everything you do.



Create Security-First Thinking Across Teams

[Download Toolkit >](#)



HR's Role in Creating a Culture of Security

[Download Toolkit >](#)



Tips for a Strong First Line of Defense

[Download Toolkit >](#)



A Security Strategy Review Framework



Managing Behavioral Change that Will Last



Practices to Keep an Edge on Bad Actors