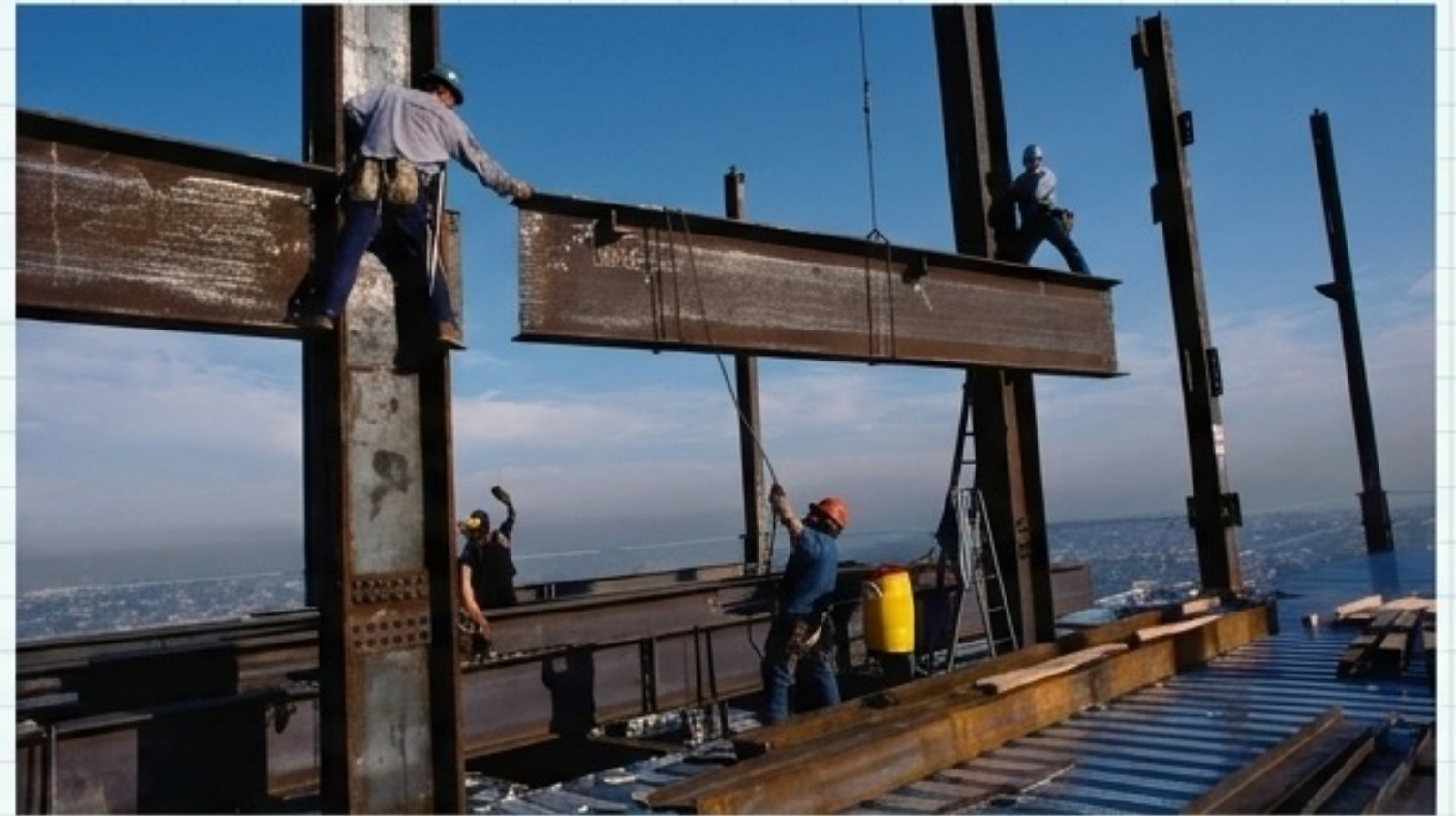


# Securing the Digital Architecture

A Comprehensive **IT Security Assessment Proposal** designed for the Team.

Presented by Cyberyog | Curated Cybersecurity Solutions

**“For businesses,  
a cyber-attack  
is not a matter  
of ‘IF’ but  
‘WHEN’.”**



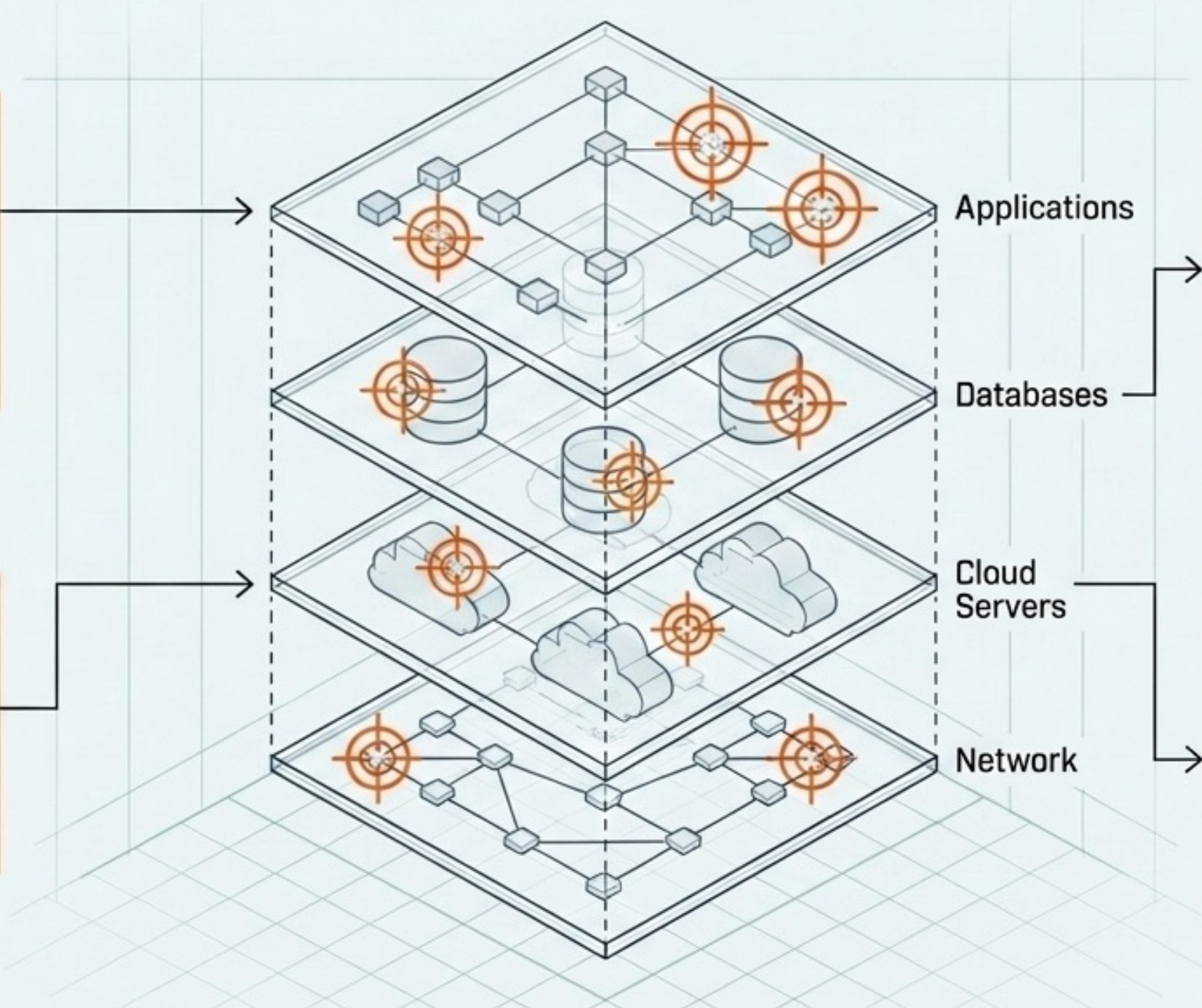
Founded in 2017, Cyberyog provides curated cybersecurity solutions. We do not just run automated scans; we architect resilience.

This document outlines our precise methodology to map your current vulnerabilities and build the roadmap to your future secure state.

# The Assessment Vector Matrix: Mapping Your IT Landscape

**Target Identification**  
Mapping all applications, databases, cloud servers, and network infrastructure.

**Process & Control Audit**  
Evaluating existing controls at the OS, server, network, and cloud levels.



**Vulnerability Probing**  
Deploying specialized tools to identify weaknesses in security and business continuity.

**Remediation Strategy**  
Documenting actionable modifications based on industry best practices in collaboration with the team.

# Threat Simulation Vectors: Internal vs. External VAPT



## External Penetration Testing

### The Objective

Simulating external threats attempting to breach the network perimeter.

### The Tactics

- Searching for public-facing client servers
- Sniffing network traffic for exposed information
- Exploiting external-facing resources



## Internal Penetration Testing

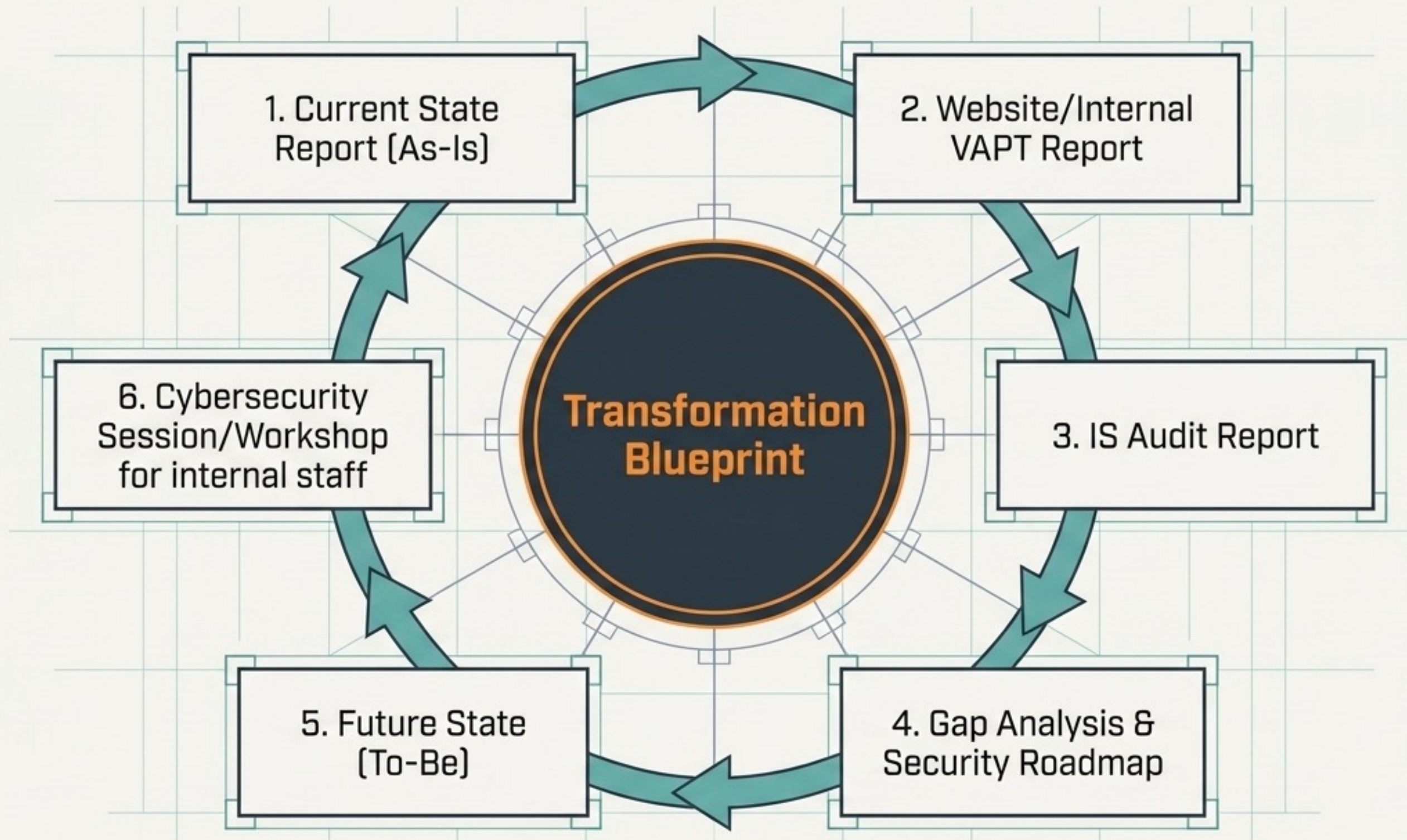
### The Objective

Simulating an insider threat attempting to gain unauthorized access to sensitive data.

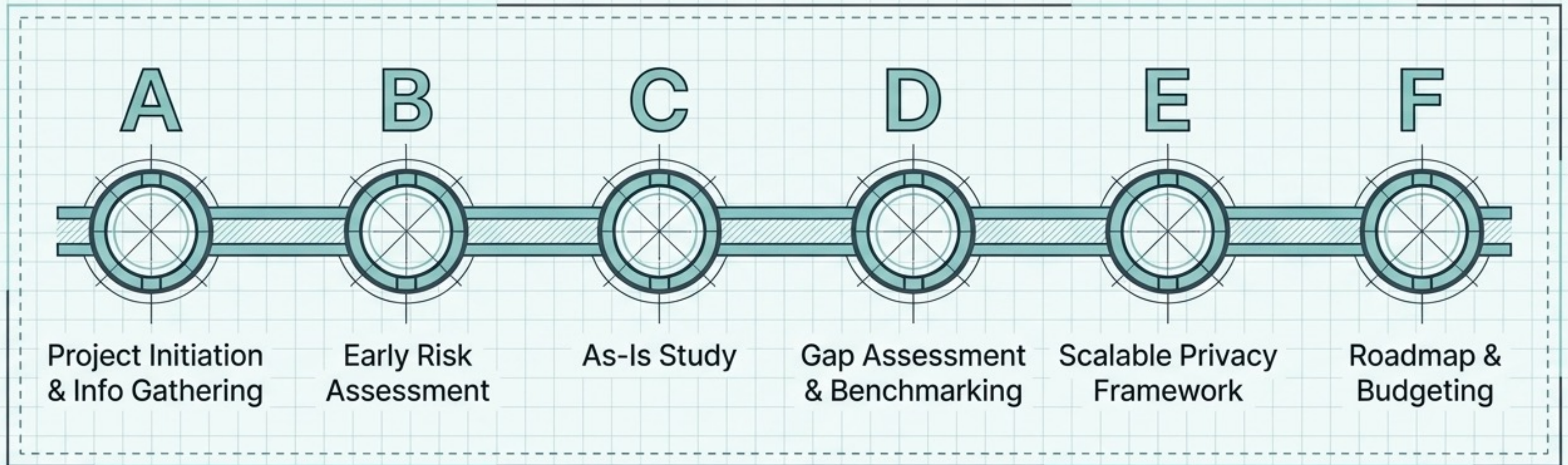
### The Tactics

- Navigating past internal network defenses
- Attempting to bypass firewalls
- Avoiding internal detection systems

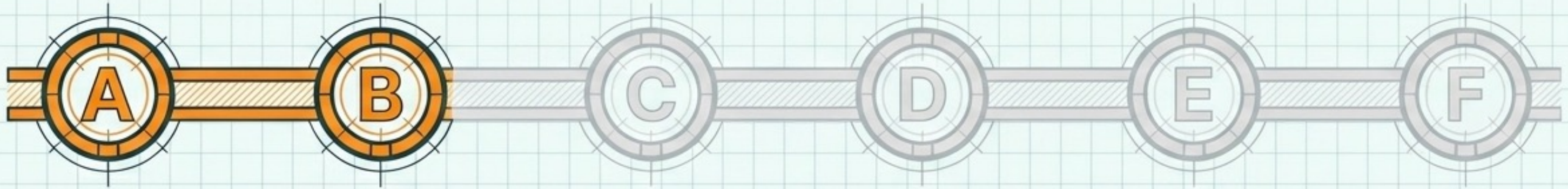
# The Security Transformation Framework: Tangible Outputs



# The Execution Blueprint: A 6-Phase Project Plan



# Establishing the Baseline & Probing the Perimeter



## Phase A: Project Initiation & Info Gathering

- Project Kick-off
- Template Sharing & Discussion
- Information Gathering - Stage 1
- Information Debriefing - Stage 1

## Phase B: Early Risk Assessment

- Information Gathering - Stage 2
- External VAPT (Tools & Manual Techniques)
- Risk Assessment
- AWS & Email (O365) Setup Review
- Information Debriefing - Stage 2
- External VAPT Debriefing

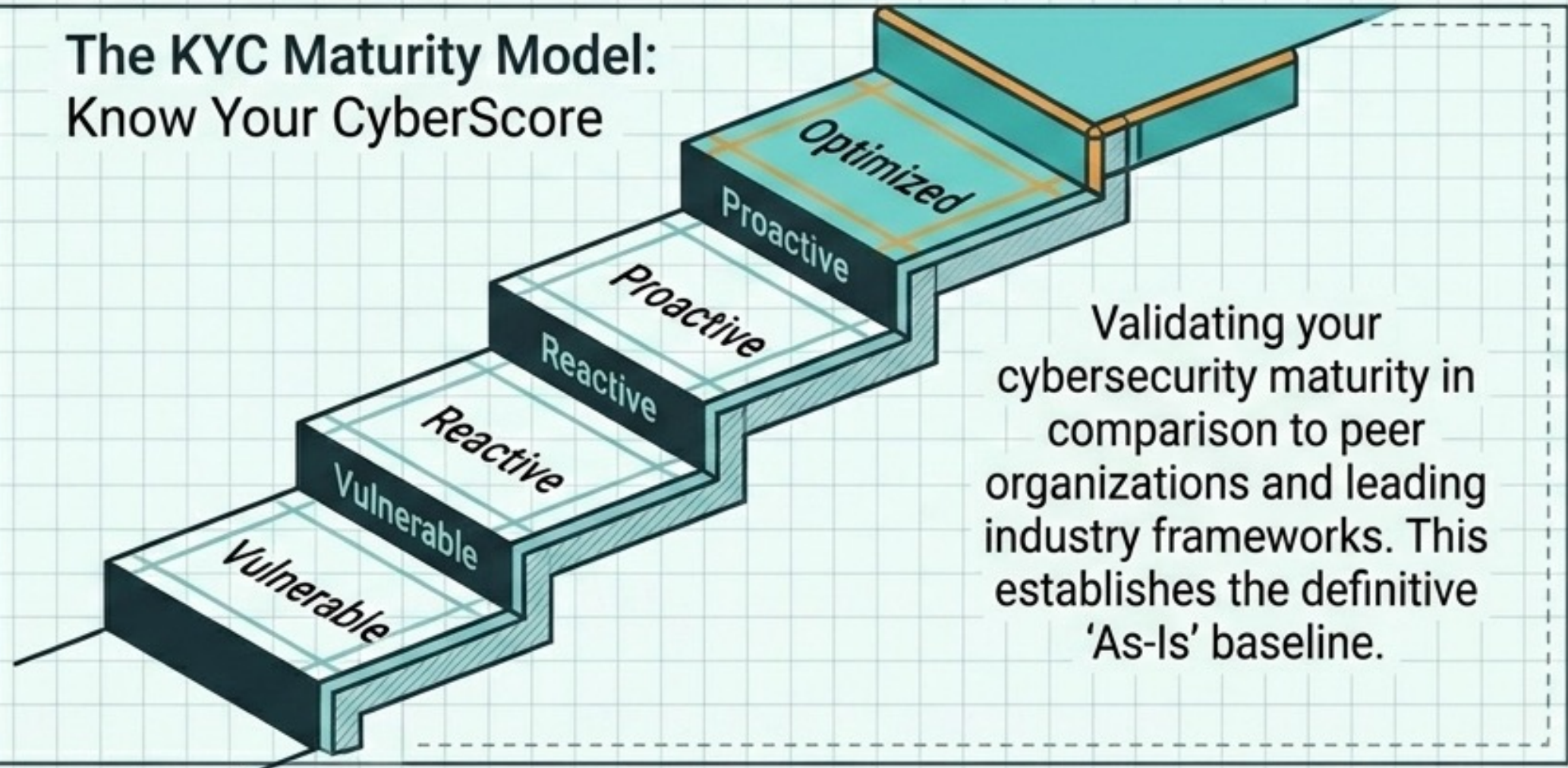
# Phase C: The 'As-Is' Study & Maturity Benchmarking



## Phase C Tasks

- Content Review / Workshops
- Maturity Study
- Data Inventory and Lifecycle
- Completion of follow-up workshops
- Coding Practices Review
- Internal VAPT (Tools & Manual Techniques)
- VAPT Debriefing

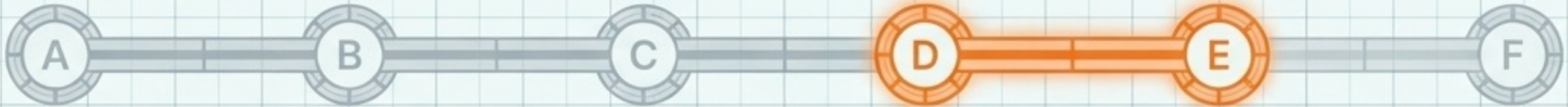
## The KYC Maturity Model: Know Your CyberScore



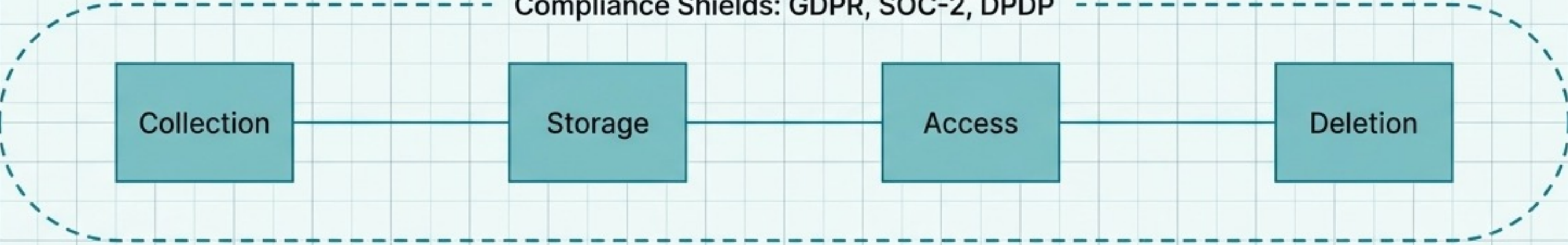
Validating your cybersecurity maturity in comparison to peer organizations and leading industry frameworks. This establishes the definitive 'As-Is' baseline.

# Bridging the Gap: Benchmarks & Privacy Frameworks

Subway Map



Compliance Shields: GDPR, SOC-2, DPDP



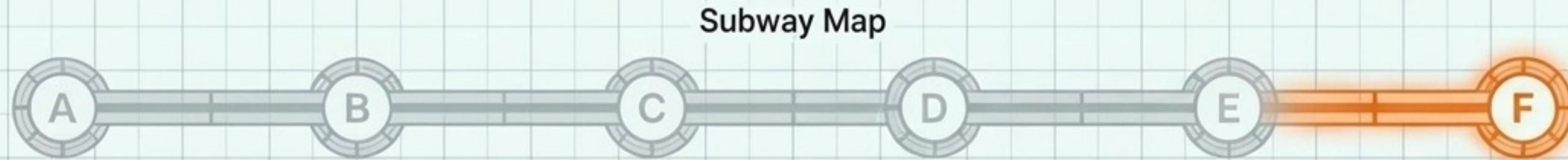
**Phase D: Gap Assessment**

- Gap and Benchmark Assessment
- Cybersecurity Workshops
- Internal/External VAPT (validation)
- Maturity Presentation
- Phase Debriefing
- Assistance in Cybersecurity Insurance

**Phase E: Scalable Privacy Framework**

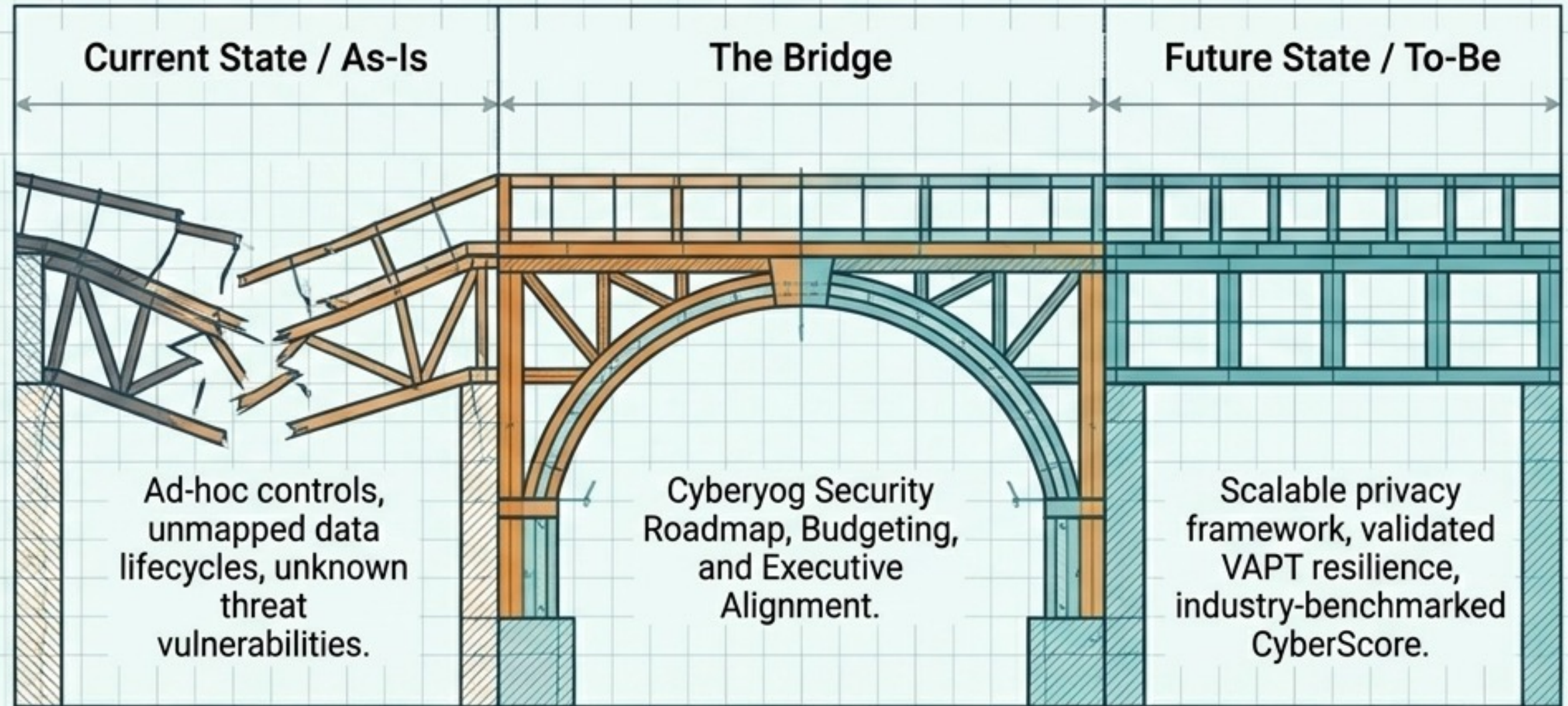
- Development of Privacy Framework
- External VAPT (validation)
- Review of Privacy Framework
- Discussion on VAPT/Audit Findings

# Phase F: The 'To-Be' Transformation Roadmap

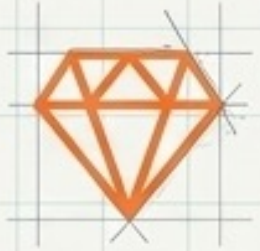


## Phase Tasks

- Implementation roadmap and timeline prep
- Review of Roadmap
- Discussion on Next Steps
- Project Closure



# The Expertise Powering the Assessment



## Information Systems Audit

Specialized regulatory, third-party, and internal audits complying with accepted frameworks.



## ISO 27001 Preparedness

Systematic approaches for managing data security, creating adaptable and resilient operating evidence.



## Network Security Management

Hardware optimization and authorized partnerships (e.g., pfSense) for enterprise-class firewall protection.



## People Patching

Contextual training and workshops to upgrade employee know-how, transforming people into the strongest line of defense.

# Ready to Build the Future State.

We look forward to collaborating with the team.

## Cyberyog Technologies

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