VERIFIED THREAT

Smart Continual Cybersecurity Assessment (SCCA)

Introduction Pack

Contents

The Problem.

Attackers extensively use bots and AI tools to find vulnerabilities.

- They are scanning ALL your infrastructure - and likely you're under constant low grade reconnaissance attacks constantly.
- Once they find a vulnerability, other bots take over and exploit the weakness.
- They often find just the smallest vulnerabilities to exploit over time with much larger coordinated attacks.
- Periodic Pen-testing leaves gaps.
- GenAI and malicious bots are changing the attack vectors

The Solution.

- VerifiedThreat fights fire with fire to provide an AI based threat vulnerability platform that continually assesses external cybersecurity threats originally developed for governments and sovereign nations.

- Aimed at providing red team state-sponsored level attack simulation on defence, national security and key strategic assets, VerifiedThreat is moving into the corporate market

Smart Continual Cyber Assessment.

1) Discovery

Major Vulnerabilities

Governance

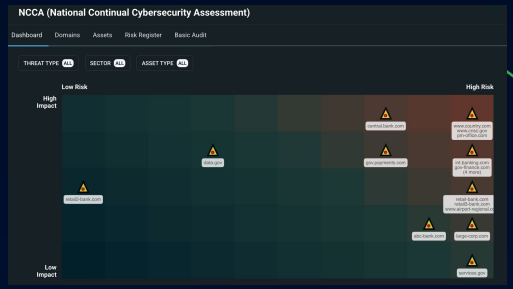
Critical Infrastructure

Payment Gateways

Core Assets

Agentic AI Bots

2) Smart Mapping of all assets & partners



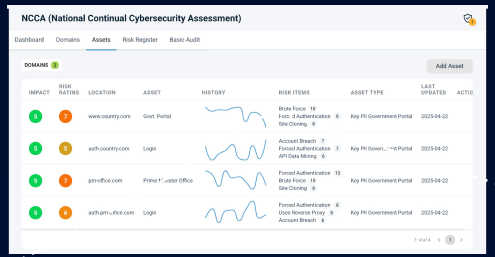
Drives Policy Rollout

3) Smart Monitoring

Continual Improvement

Set & dynamically Apply Policy and auto-remediate

Feedback Loop



Integrated Risk Register

AI Intelligent Immunity Layer.

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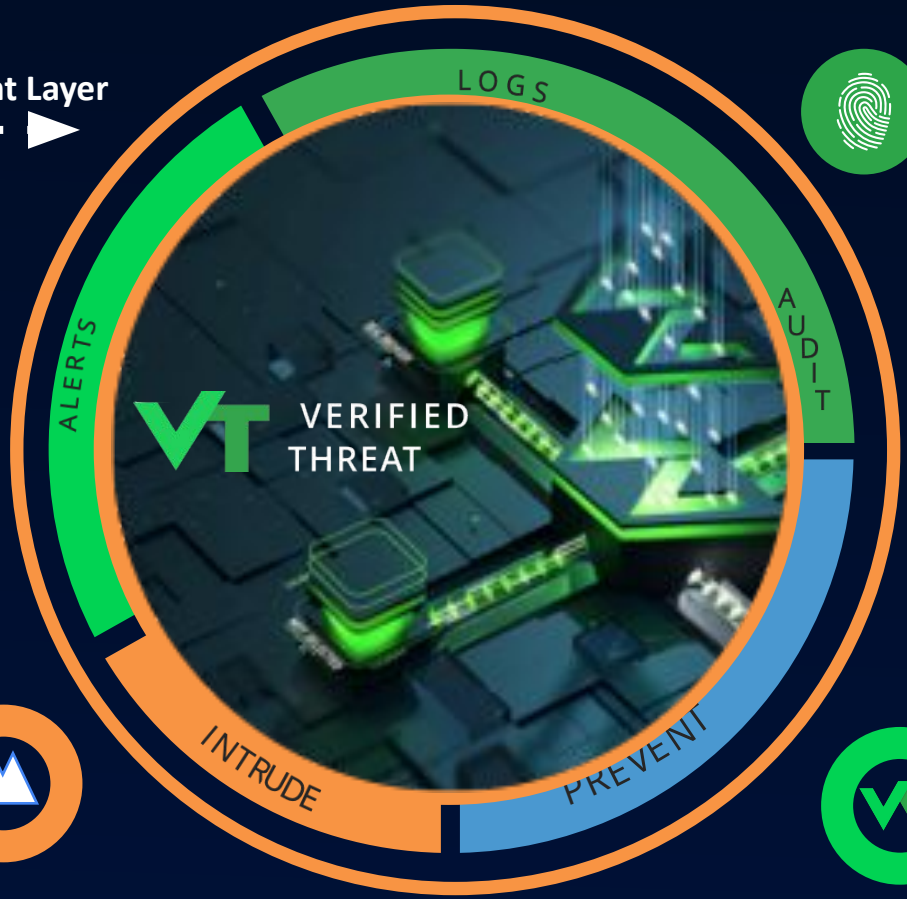
AI Intelligent Layer



Continuous Learning
Feedback loop, machine learning / constant improvement

Dynamic Risk Assessment
Red-Team real world risk simulation

Risk Register
Survey the entire risk landscape and creates Risk Register dynamic reporting

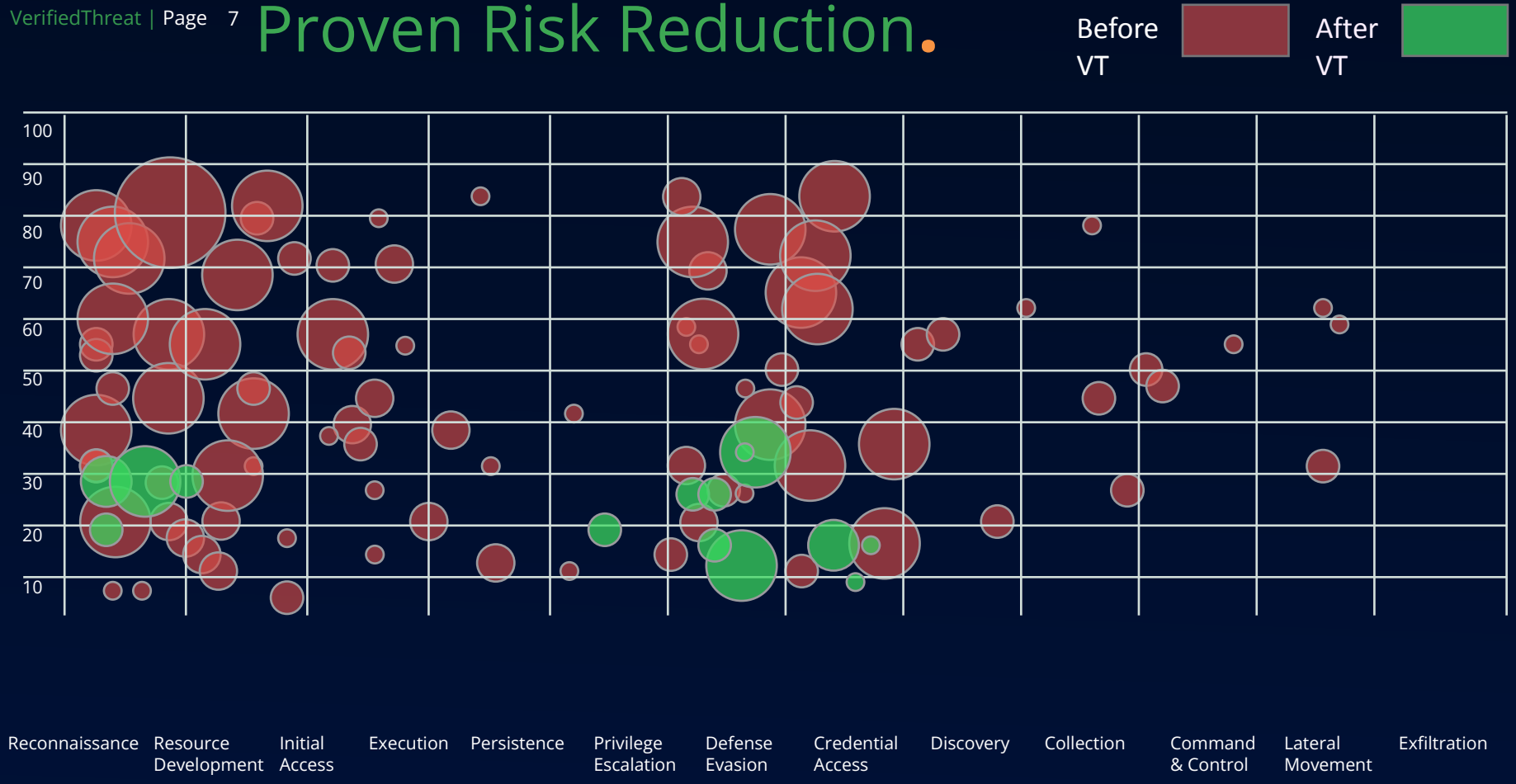
Dynamic Logging
Bot agents monitor logs

Threat Simulation
Bot agents continually test for vulnerabilities 24/7

Threat Intel
Specific threat types, local incidents

AI Remediation
Live Dynamic Rules are enacted, automatically and validated.

Proven Risk Reduction.



Benefits.

Realtime Comprehensive Threat Maps by Risk

Proactive Prevention massively scaleable for total coverage

- ➔ 100% continuous monitoring
- ➔ 99% proactive prevention of all Reconnaissance Bots

Now you can measure you can Take Steps to Protect

- ➔ Validates and Verifies alerting and from other platforms
- ➔ Allows senior leadership to created proper risk based policy

Dynamic Risk Register

Understand and track where the risks are automatically.

- ➔ 95% reduction in manual monitoring & overheads
- ➔ 100% automated risk register
- ➔ Create policy based on risk

Prevention is much Cheaper

- Average data breach costs $4.8m and $12Bn annually according to the FBI
- 100% Proactive Prevention
- 99% Detection rate

Identify Vulnerable At Risk Entities and set Policy

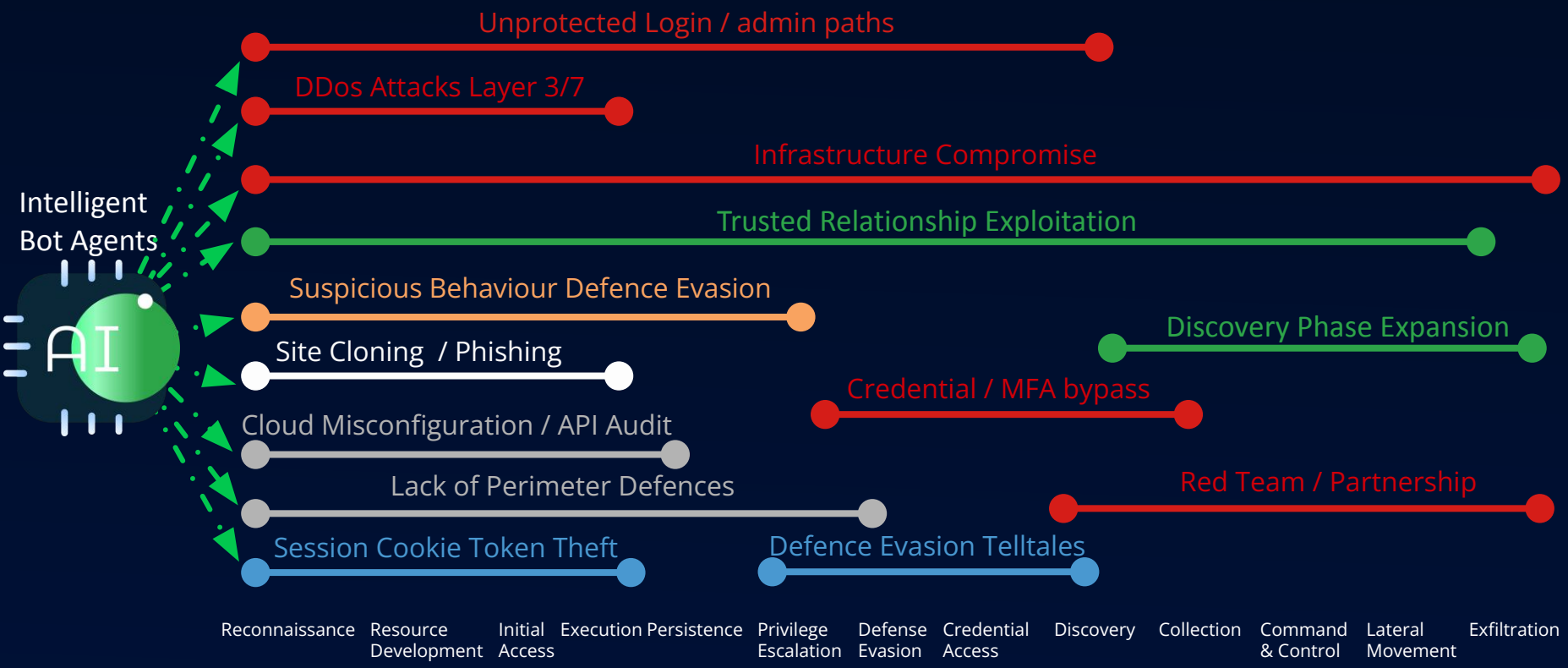
Allows you to see the wood from the trees and identify risk

AI-bot agents are working 24/7 365 to identify risks. Penetration tests are often performed annually or quarterly and are manual

Automated Remediation

- ➔ 90% remediation is automated and seamless
- ➔ 90% reduction in manual monitoring and log checking, WAF rules/ Firewall settings.

SCCA & the Mitre Attack Framework.



Smarter Scaleability for MSPs.

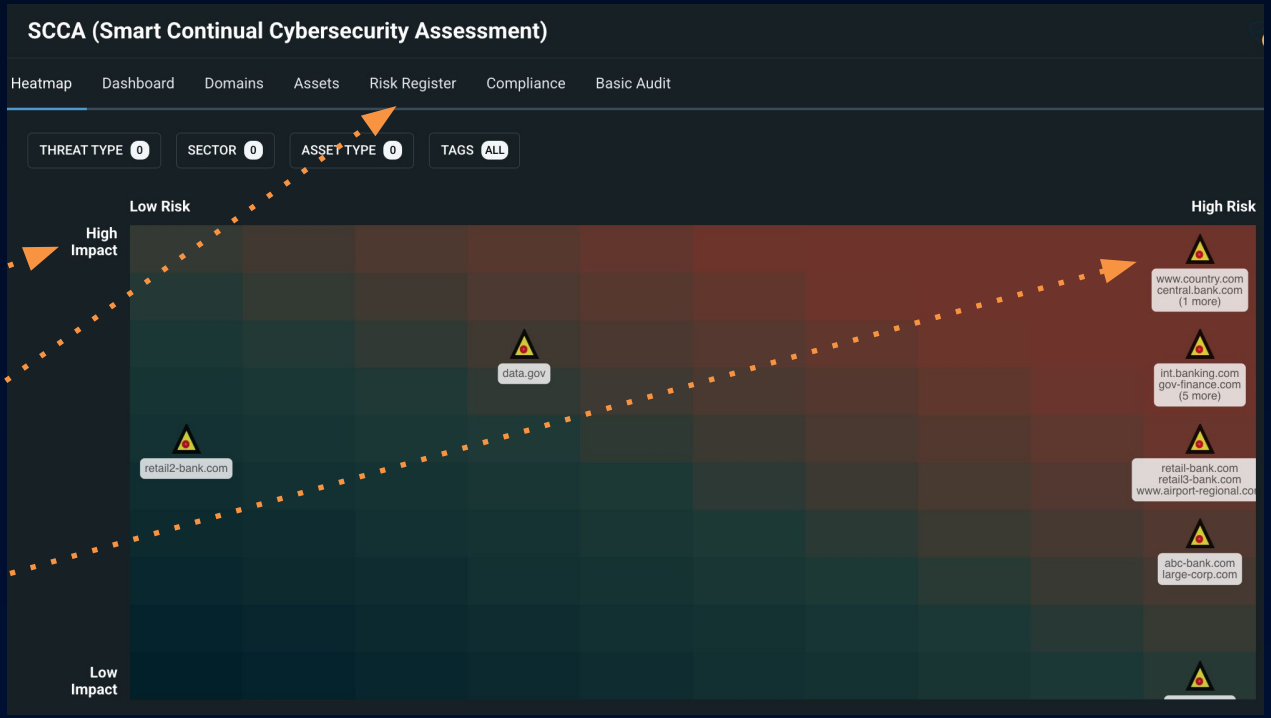
Can Map all clients in the Continual Incident Management Framework

Real-time Dynamic Maps across different threat types by sector and asset type

Massively scalable with automated Risk Register

Shows actual validated Risk across the entire Landscape

Prioritise Low Impact Assets and Risk Accordingly



Consolidate Risk Register.

Automated Central Risk Register

Impact Assessment from threat Level and value of underlying Asset - site cloning, scanning, ATO Residential Proxies

Validates Risk from the actual known threat from the Bot Agents

Add IMPACT for each domain / asset if needed

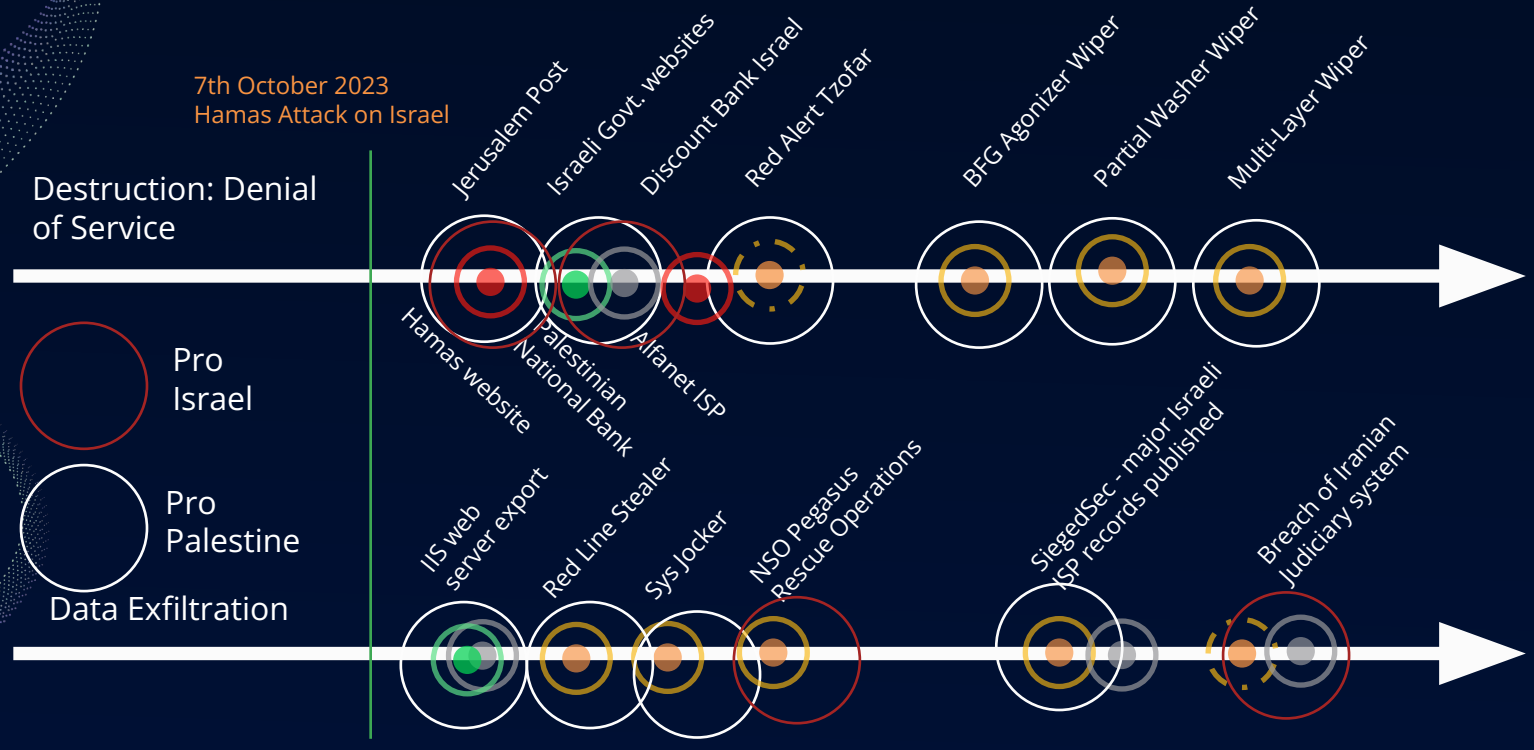
Risk Owner

Audit Existing Tools.

	State Before	State After
S	Risk assessment based on historical threat intelligence, not on the entire risk surface area doesn't find the weakest link	Smart Monitoring builds a map of the total risk surface area and the weakest links
C	Scheduled pen testing is periodic, sometimes once a year, or after a major upgrade	Continual automated monitoring detects vulnerabilities or human error in firewall / WAF configs
C	We are constantly buying cybersecurity tools - none of which talk to each other and we can't evaluate true benefits	Cyber continual monitoring tests performance of the existing tools and the risk reduction
A	We don't set clear goals as we don't have real risk data. Policy is ad-hoc and based on gut-instincts.	Assessment leads to improved threat decision making, clearer goals and policy objectives KPIs

Appendix.

Anatomy of an Attack.



Sample Risk Score Matrix.

Sector	Organisation	Root Domain	No. Sub Domains	Bots			National Security Threat Rating	
				Total Deployed	Total Infiltrated	Site Protection (%)	Strategic Sector Rating	Threat Vulnerability Rating
Gov - Level 1 National Security	Ministry of Interior (MOI)	mog.gov	3	30	20	33.33	Tier 1	Level 1 - Critical
	Ministry of Finance (MOF)	mof.gov	4	40	38	5.00	Tier 1	Level 1 - Critical
	Armed Forces	mil.gov/	9	90	80	11.11	Tier 1	Level 1 - Critical
	Government Portal	country.gov	4	40	30	25.00	Tier 1	Level 1 - Critical
	Ministry of Industry and Trade (MIT)	mit.gov	4	40	36	10.00	Tier 1	Level 1 - Critical
	Public Security Directorate	psd.gov	3	30	26	13.33	Tier 1	Level 1 - Critical
	Ministry of Health (MOH)	moh.gov	4	40	27	32.50	Tier 1	Level 1 - Critical
	Ministry of Transport	mot.gov	2	20	15	25.00	Tier 1	Level 1 - Critical
	Ministry of Digital Economy	moe.gov	3	30	30	0.00	Tier 1	Level 1 - Critical
	Ministry of Justice (MOJ)	moj.gov	2	20	15	25.00	Tier 1	Level 1 - Critical
	Ministry of Education	moe.gov	5	50	40	20.00	Tier 2	Level 1 - Critical
	Postal Service	postal.com	3	30	26	13.33	Tier 2	Level 2 - High
	National Airline	airline.com	12	120	104	13.33	Tier 2	Level 2 - High
	Central Bank	central-bank.gov	5	50	38	24.00	Tier 2	Level 2 - High
	Ministry of Education	moe.gov	5	50	40	20.00	Tier 2	Level 2 - High
	News Agency	news-agency.gov	2	20	16	20.00	Tier 2	Level 2 - High
Gov - Level 3 Science/Tech Edu Media	Dev Bank	dev-bank.gov	2	20	13	35.00	Tier 3	Level 3 - Moderate
	The Major University	university.edu	13	130	101	22.31	Tier 3	Level 3 - Moderate
Finance	ABC Bank	abank.com	7	70	60	14.29	Tier 4	Level 3 - Moderate
	DEF Bank	abank.com	6	60	50	16.67	Tier 4	Level 3 - Moderate
	An Bank	abank.com	2	20	20	0.00	Tier 4	Level 2 - High