Let's Agree

"For the agency to protect its full environment it needs to understand its full environment," - CDM program manager at CISA

Cyber attacks are no longer random acts but are targeted based on reconnaissance that determine weaknesses.

- Direct attacks
- Through third party providers

In order to improve cybersecurity, all organizations need

Vulnerability Assessment
Penetration Testing
Threat Intelligence

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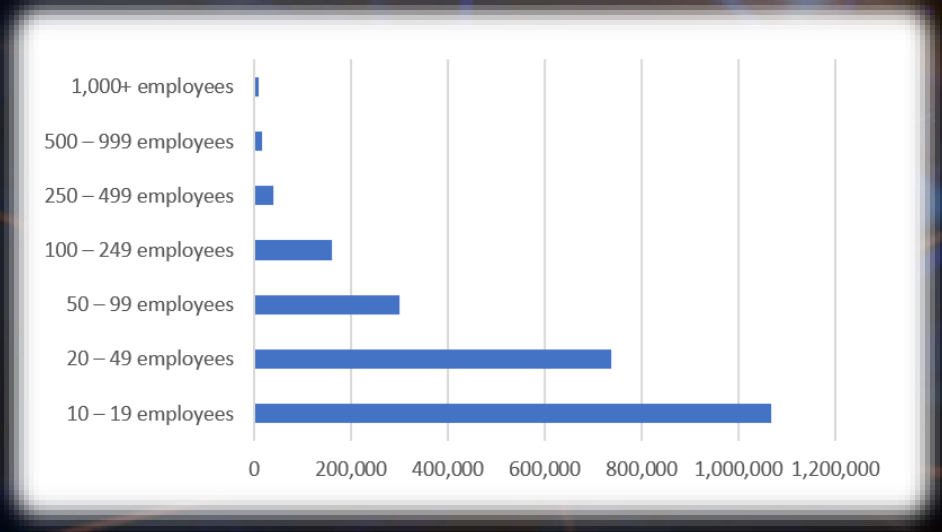
Opportunity

Reality

- 1,000's of environments that are not consistent
- Needs are expanding
- Minimal staffing focused on operations, not security
- Resources and budgets are constrained

Goal

- Consistent results
- Actionable results in a timely manner
- Prioritized reporting based on consequence



Providing value to those "below the cyber poverty line"

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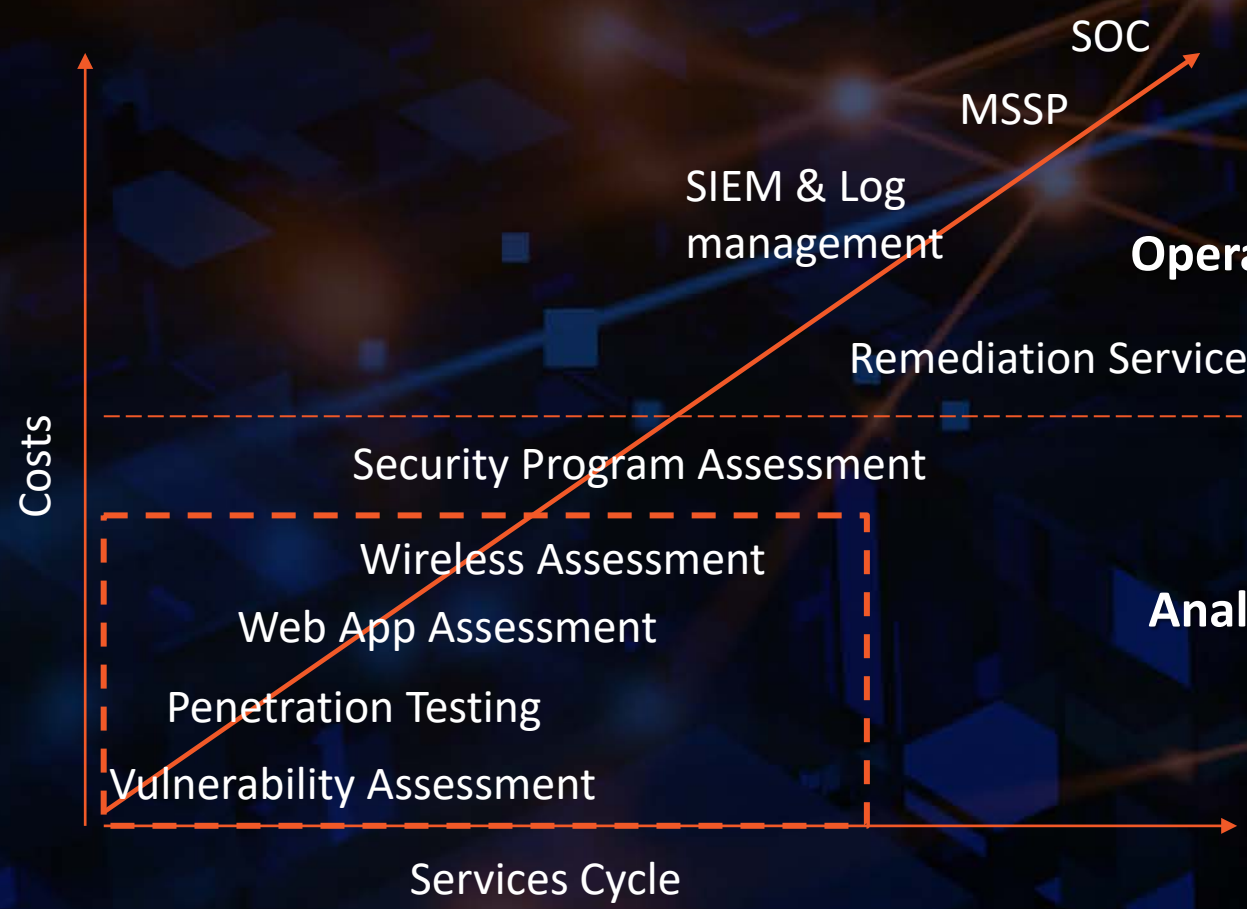
Where we fit



High Tech offerings

Low Tech offerings

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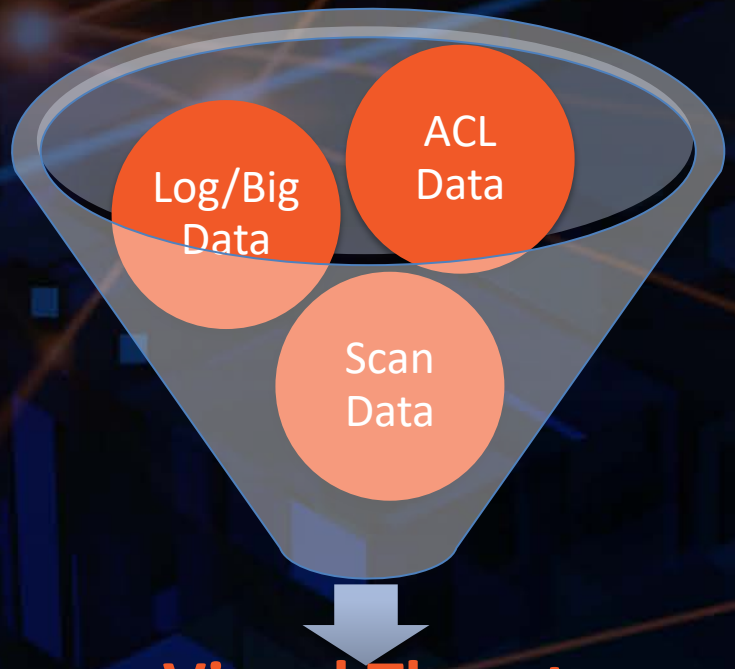
We analyze the three (3) types of cyber security data common to all networks



We generate a combined view of vulnerabilities
SMEs make the decisions

Visual Threat Picture

Scan data is information about the endpoint configurations.

Access Control Lists (ACL) is about how the endpoint connect/communicate.

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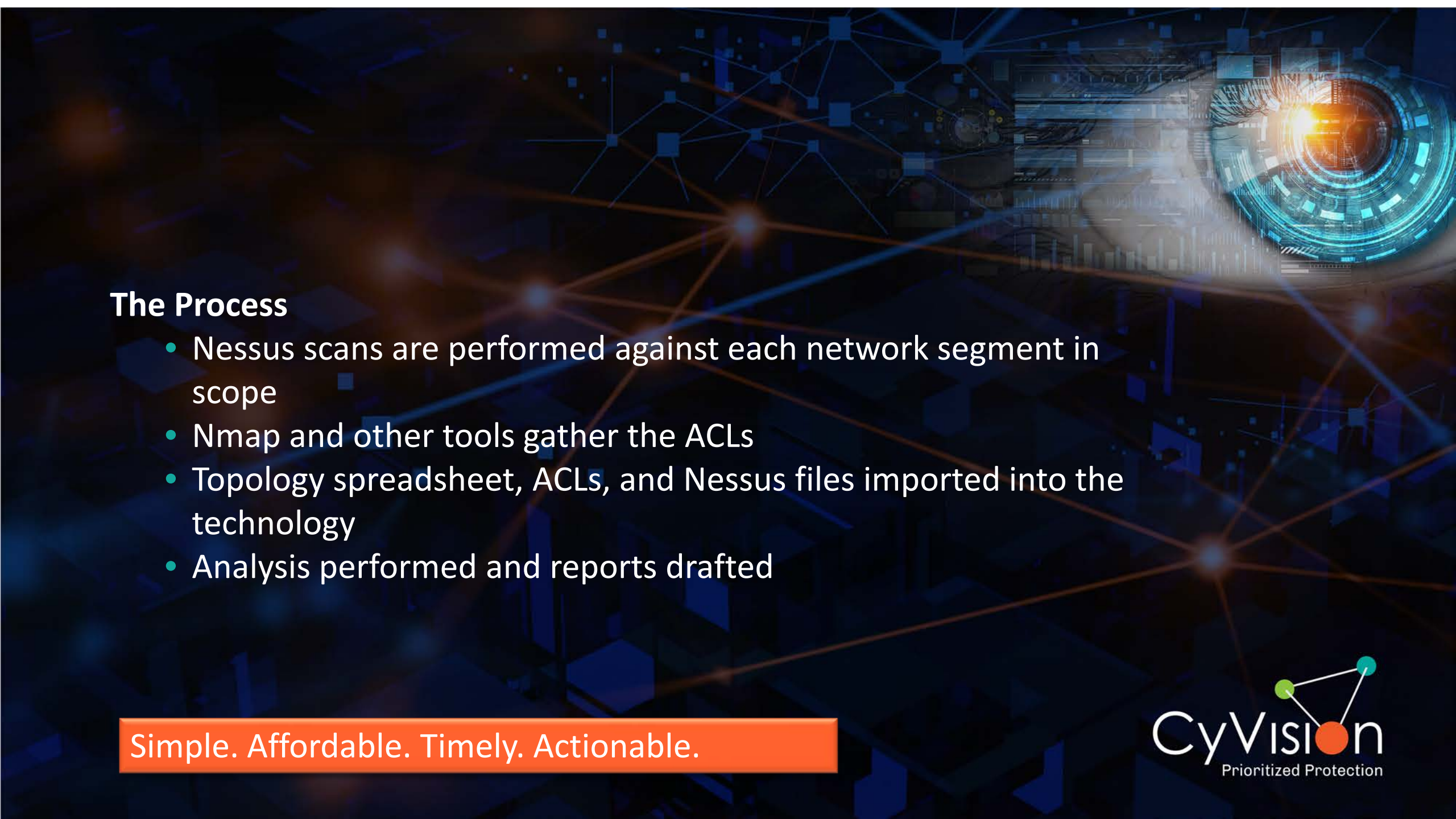

The Process

- Nessus scans are performed against each network segment in scope
- Nmap and other tools gather the ACLs
- Topology spreadsheet, ACLs, and Nessus files imported into the technology
- Analysis performed and reports drafted

Simple. Affordable. Timely. Actionable.

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The Timeline

- Day One – Three
  - Data Gathering
- Day Four – Five
  - Analysis and Report Generation

Summary of Benefits:

- More accurate reports
- Fewer false positives
- Situational Awareness
- Proactive cyber management
- NIST Risk Equation

Actionable results lead to Improve Overall Security

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VPN Connectivity

- Use organization's VPN solution
- Use small form-factor appliance

Fieldwork

- ACL Collection
  - No access restrictions between VLANs – Faux ACL
  - Obtain ACLs
  - Perform nmap scans within each VLAN to create a simulated ACL
- Vulnerability Scan
  - If necessary, whitelist assessment device IP address (all ports)

Analysis & Reporting

- Six vulnerability rankings
  - Super Critical – Findings with CVSS score of 9.0 to 10.0 with known exploits
  - Critical – Findings with CVSS score of 7.0 to 8.9 with known exploits
  - Severe – Findings with CVSS score of 9.0 to 10.0 with no known exploits
  - High – Findings with CVSS score of 7.0 to 8.9 with no known exploits

Expanded vulnerability rankings for greater insight

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The Audiences

- CEO/CIO/CISO/The Board
- Remediation & Network Managers
- Remediation & Compliance
- Solution Architects

Additional targeted reports as needed

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Assessments provide:

- More accurate and comprehensive reporting
- Lower cost basis
- Faster overall delivery of actionable reports

A foundation to work together

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For More Information Regarding Faith-Based Institutional Cybersecurity Assessments

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A foundation to work together

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