

The background features a collection of 3D rectangular blocks of various colors including teal, red, orange, and yellow, arranged in a staggered, overlapping fashion. The blocks are rendered with black outlines and flat colors, creating a modern, architectural aesthetic.

# **CYBERSECURITY FOR SHEPHERDS-**

**SECURING YOUR  
ORGANIZATION  
WHEREVER YOUR  
WORKFORCE IS**

# ABOUT US

Based in Portland, Oregon, Skycrane provides cybersecurity advisory, assistance, and augmentation. We have deep experience in all cybersecurity capabilities and compliance, including OT and ICS. Our only metric is customer satisfaction.

# ABOUT ME

As Managing Director and Senior Janitor at Skycrane, Chris Nolke is ultimately accountable for the quality of all services we provide as well as grounds maintenance, trash removal, and 50% of company meals.



# PROBLEM

## WORK FROM HOME

Significant numbers of employees work from home, a space that they are very comfortable in, but is physically uncontrolled by their employer.

## WORK FROM UNKNOWN

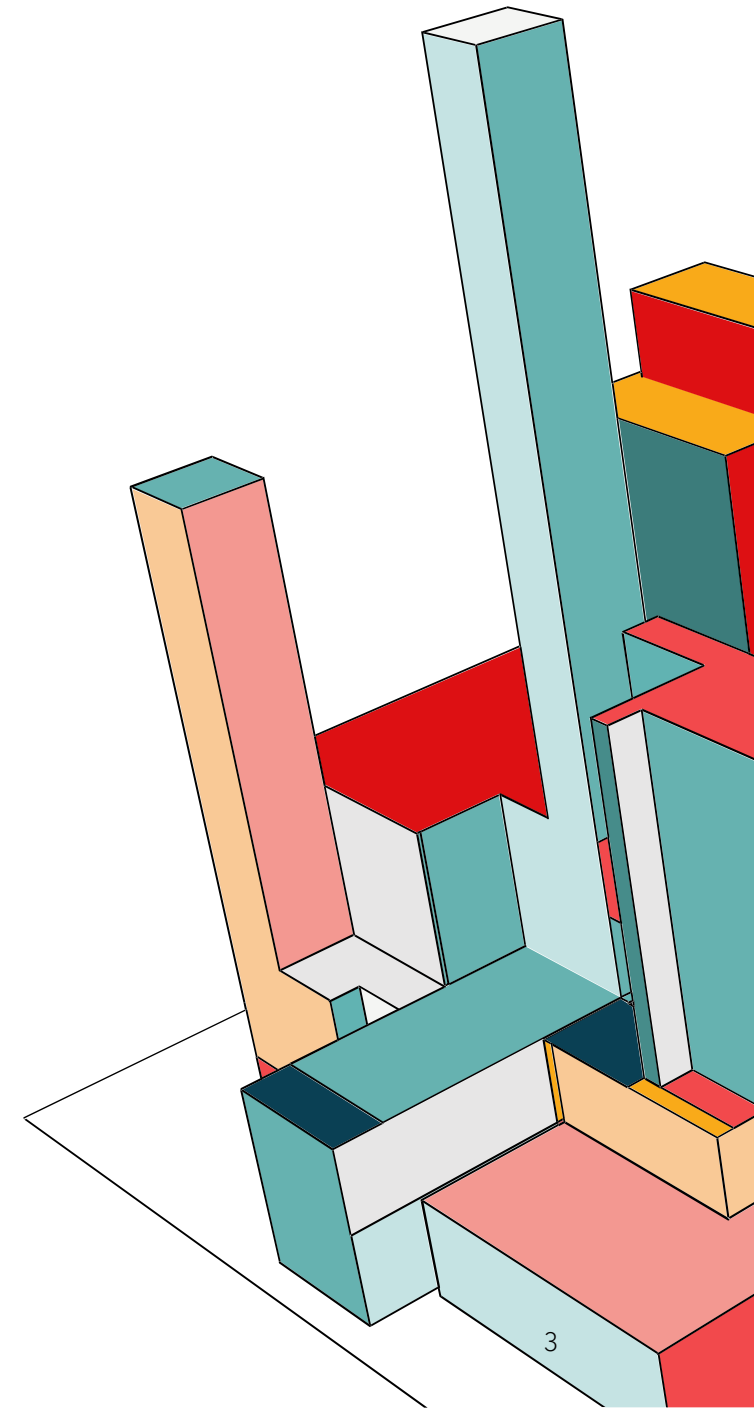
Talent is not tracked. In some cases employers have no idea where employees are physically located.

## WORK FROM THE OFFICE

Offices are not often occupied but may be so by individuals for whom it is not their first choice.

## CLOUD FIRST

Many productivity services are in the cloud, minimizing cybersecurity or IT team visibility.





# SOLUTION PROCESS

## THREAT MODELING

MITRE ATT&CK and threat intelligence provides specific guidance for how threats gain initial access to corporate systems.

## IT MATURITY FIRST, TOOLS SECOND

Systems and APIs must be frequently patched and pen-tested, on-prem and in the cloud.

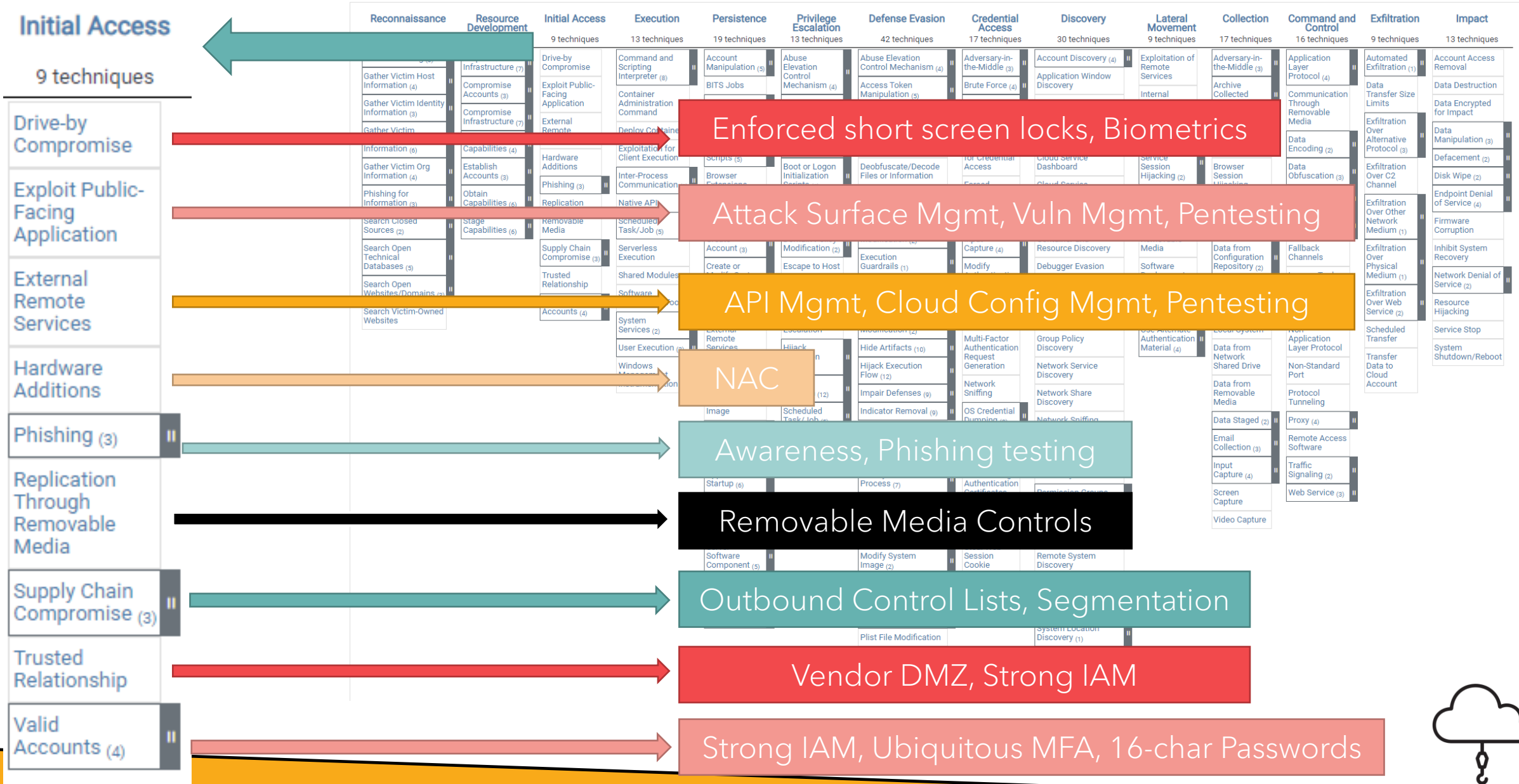
## BUSINESS-RELEVANT SECURITY

Whether RBAC or heavily monitored individual access, IAM should be heavily governed and MFA as ubiquitous.

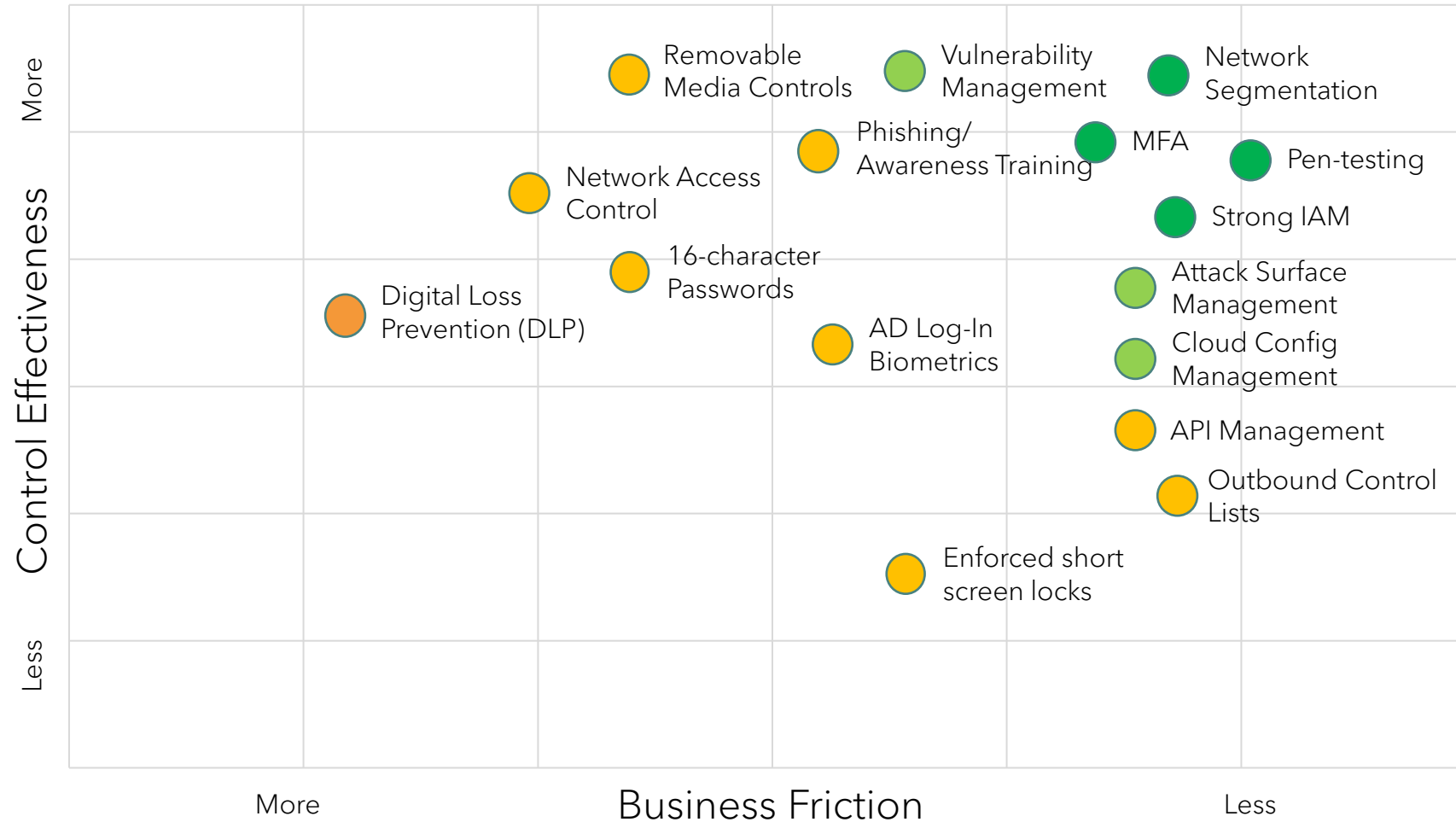
## ON-PREM/CLOUD/OT IN UNISON

Cloud systems must be understood and monitored as closely as on-prem systems.

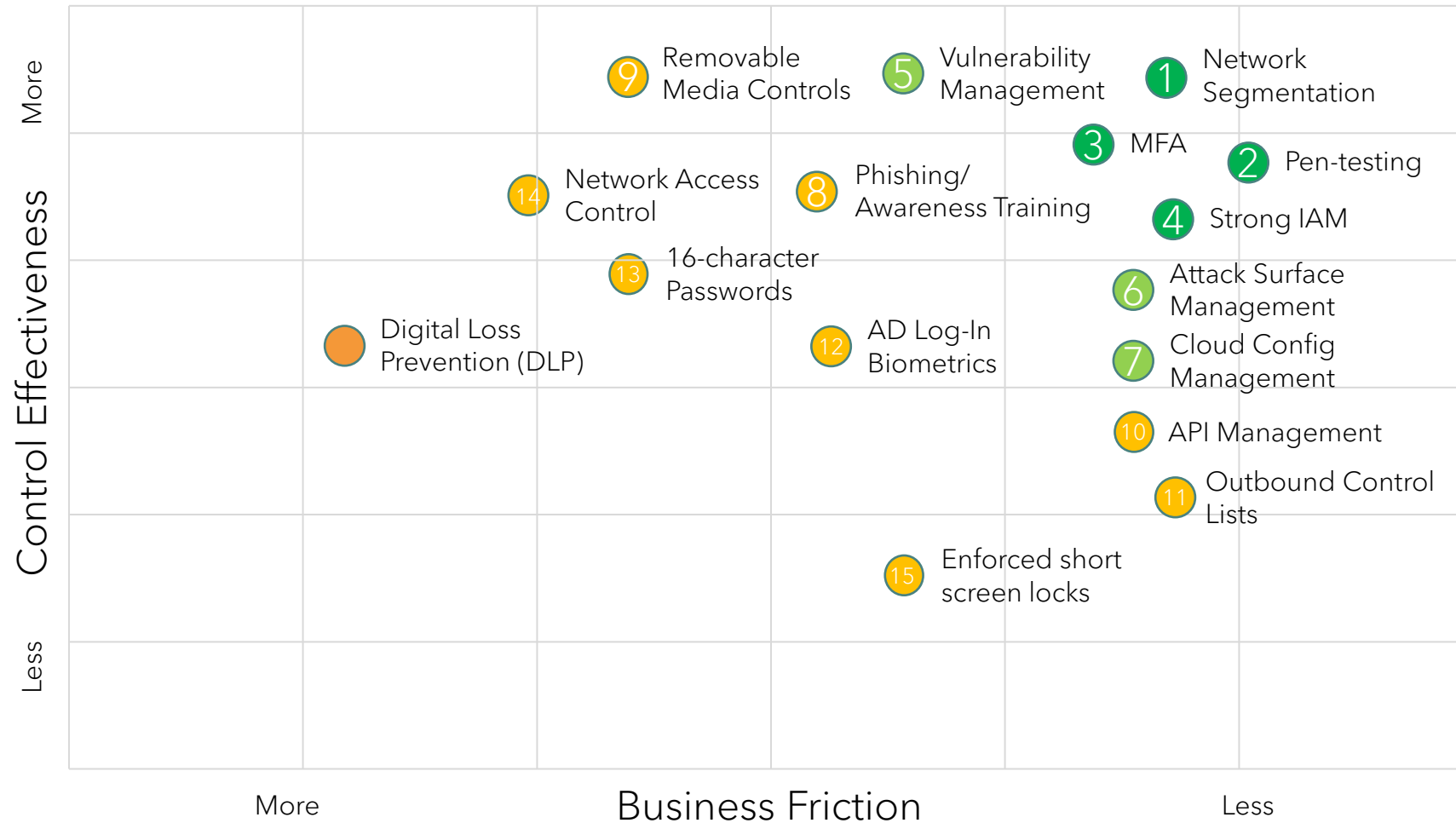




## Business Friction vs. Effectiveness of Controls (Subjective)



## Business Friction vs. Effectiveness of Controls (Subjective)



# DISTRIBUTED WORKFORCE CYBERSECURITY SOLUTION OVERVIEW

## Phase 1 – Let's Get Real

Bring to a CMM Level 4 maturity-

1. Pen-testing
2. Network Segmentation
3. Multi-Factor Authentication
4. Strong IAM

## Phase 2 – Tech Governance

Bring to a CMM Level 4 maturity-

5. Vulnerability Management
6. Attack Surface Management
7. Cloud Config Management

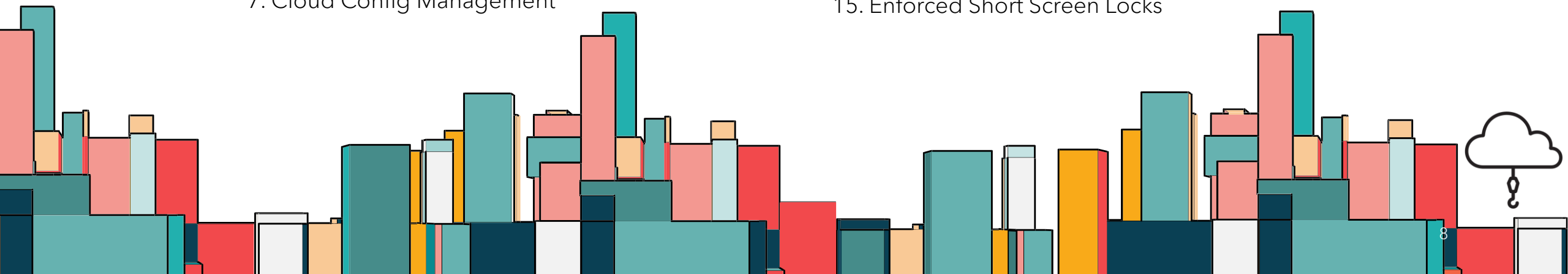
## Phase 3 – The Difficult Slow Grind of Cyber

Bring to a CMM Level 4 Maturity-

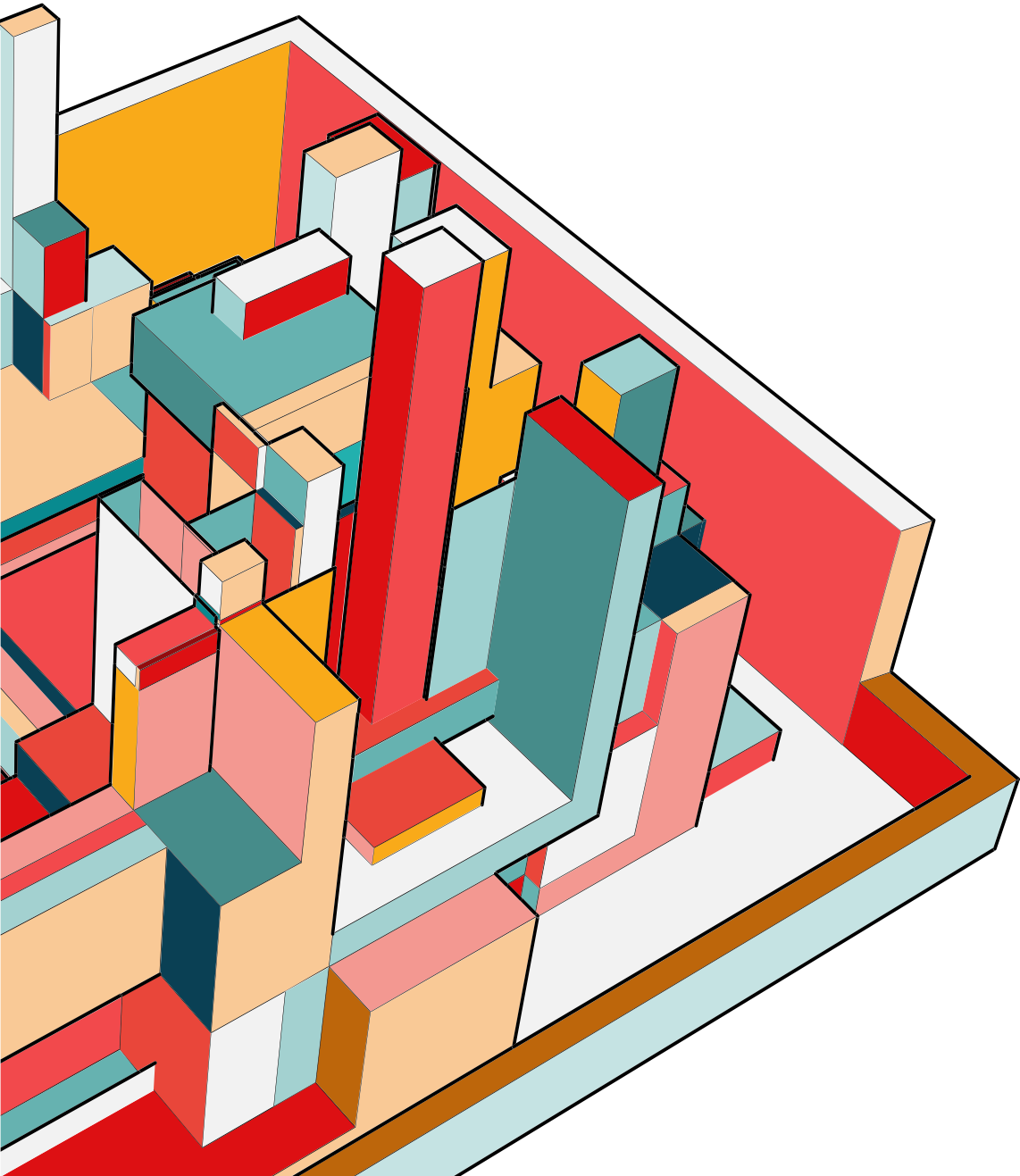
8. Phishing/Awareness Training and Policy
9. Removable Media Governance
10. API Management
11. Outbound Control Lists

## Phase 4 – Delicious Icing

12. Biometric AD Login
13. 16-character Passwords
14. Network Access Control
15. Enforced Short Screen Locks







# QUESTIONS & DISCUSSION



# THANK YOU

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