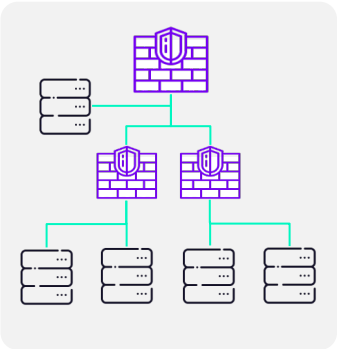
Demystifying modern software-based segmentation

Let's talk about risk..

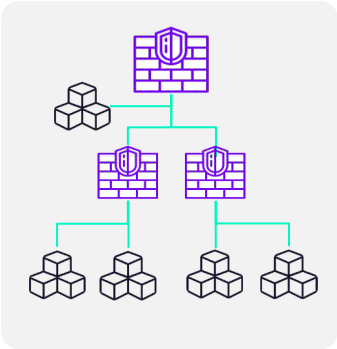
Network segmentation

Data Center



Physical firewall appliances creating network choke points

Cloud

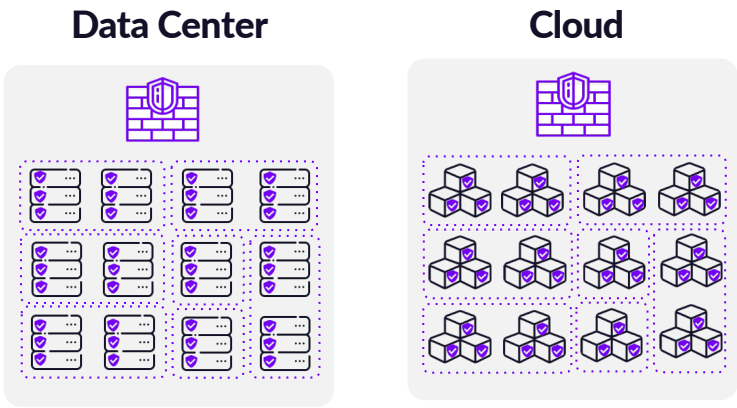


Virtual firewall appliances creating network choke points

Common Issues

- Long lead times to implement changes
- Low visibility into each segment
- Mixed environments and security strategies
- Static, Network-Centric policies
- Difficult to Implement Zero Trust Architecture
- ”Never Finished”

Software-based Segmentation



Software-based policies based on finer-grained attributes
(e.g., process, user, fully-qualified domain name)

What we gain

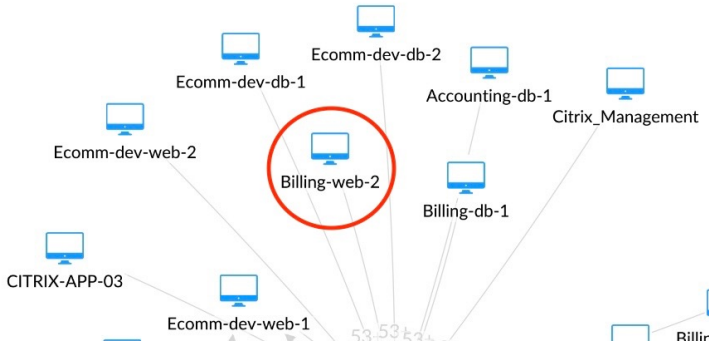
- Granular Visibility
- Map of all assets and applications
- Host level enforcement
- Clear and dynamic policy language
- Zero Trust Architecture

So what's the gist of Software based segmentation?

Deploy agent

So what's the gist of Software based segmentation?

- Deploy agent
- Visualize traffic



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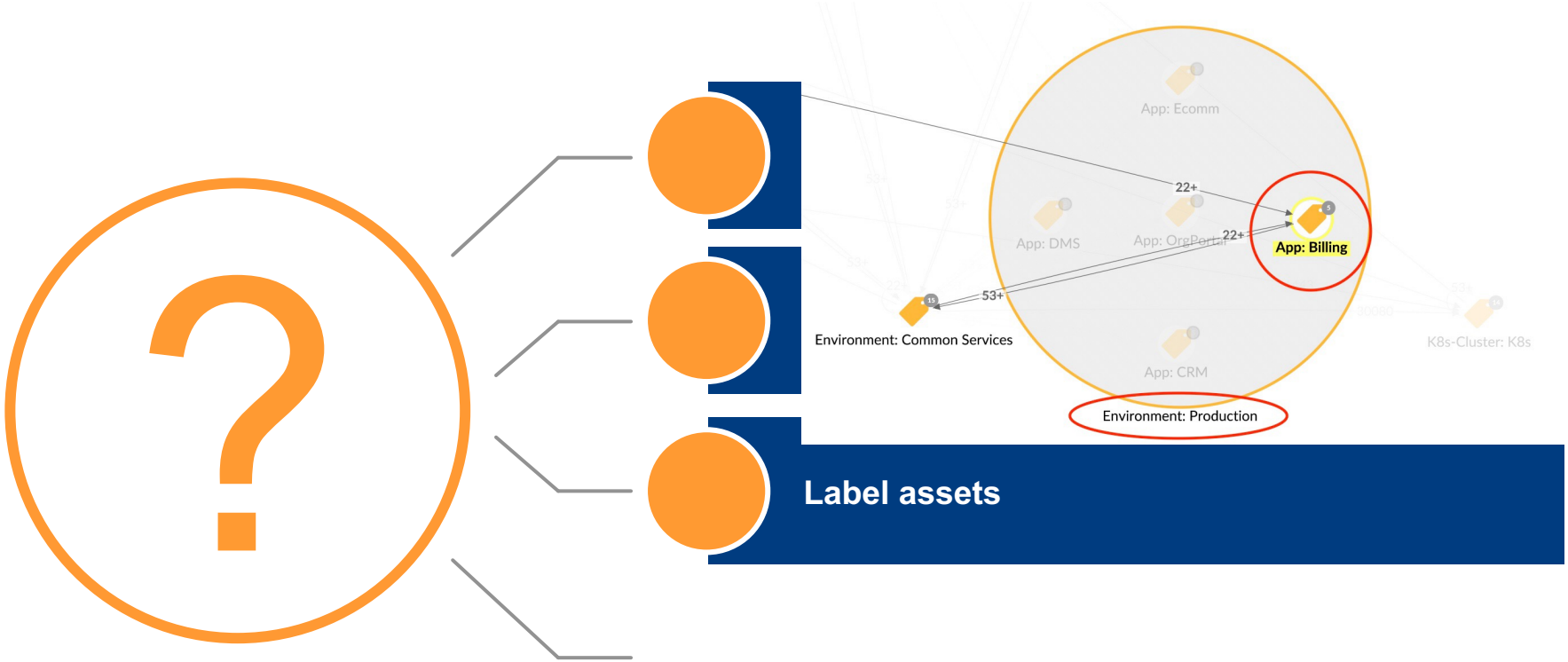

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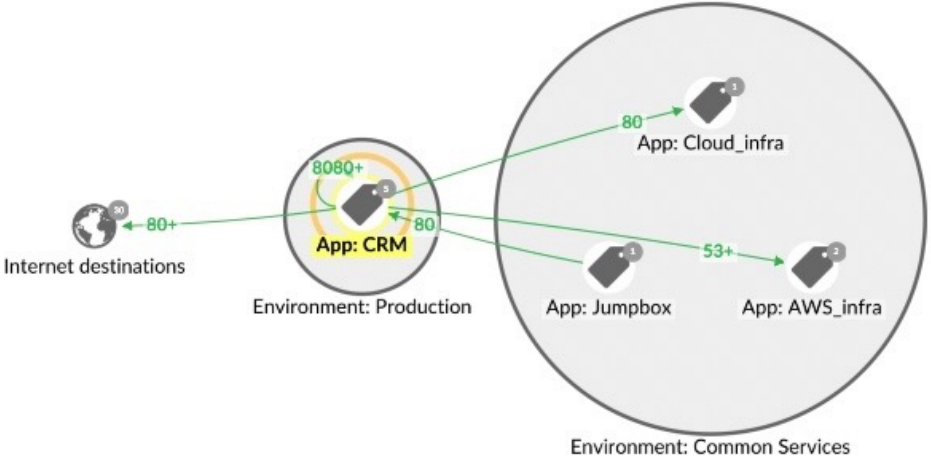
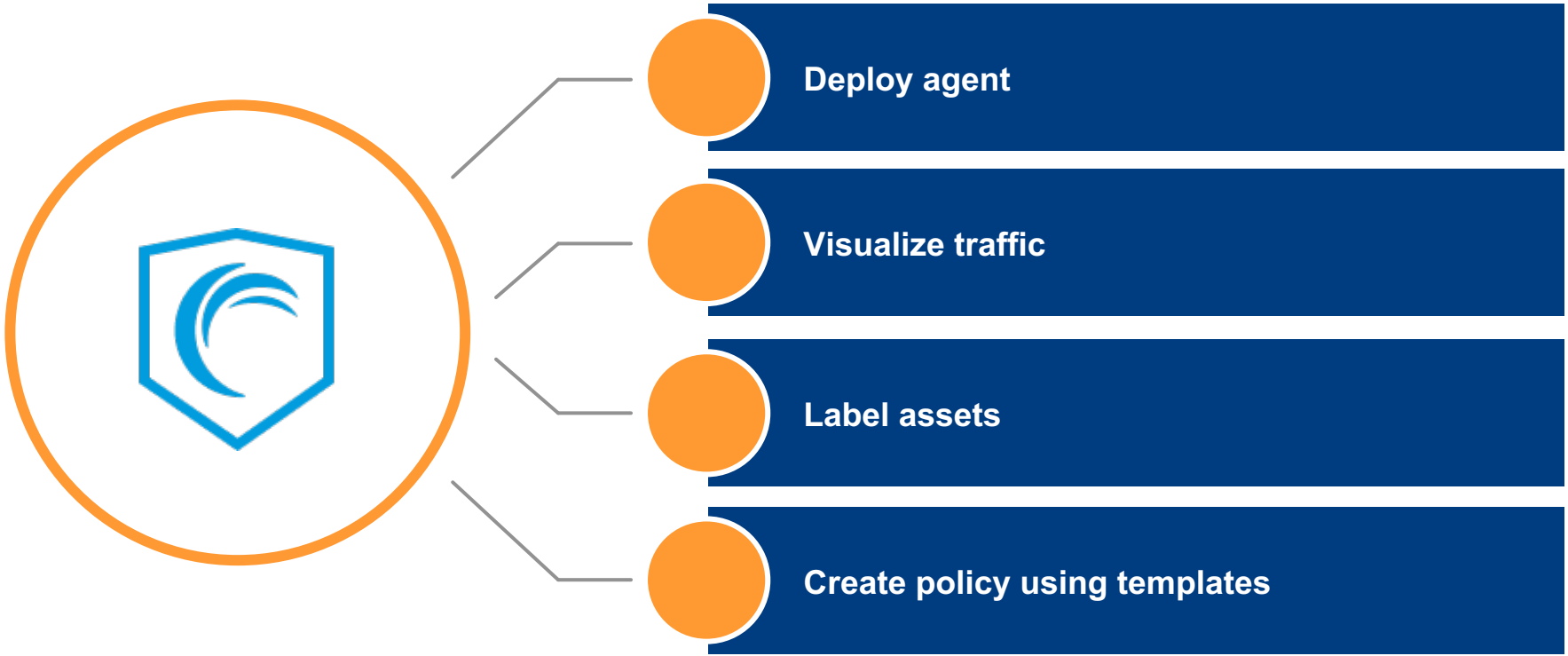


Create policy using templates

The gist of Software based segmentation



Key drivers

EU Directive

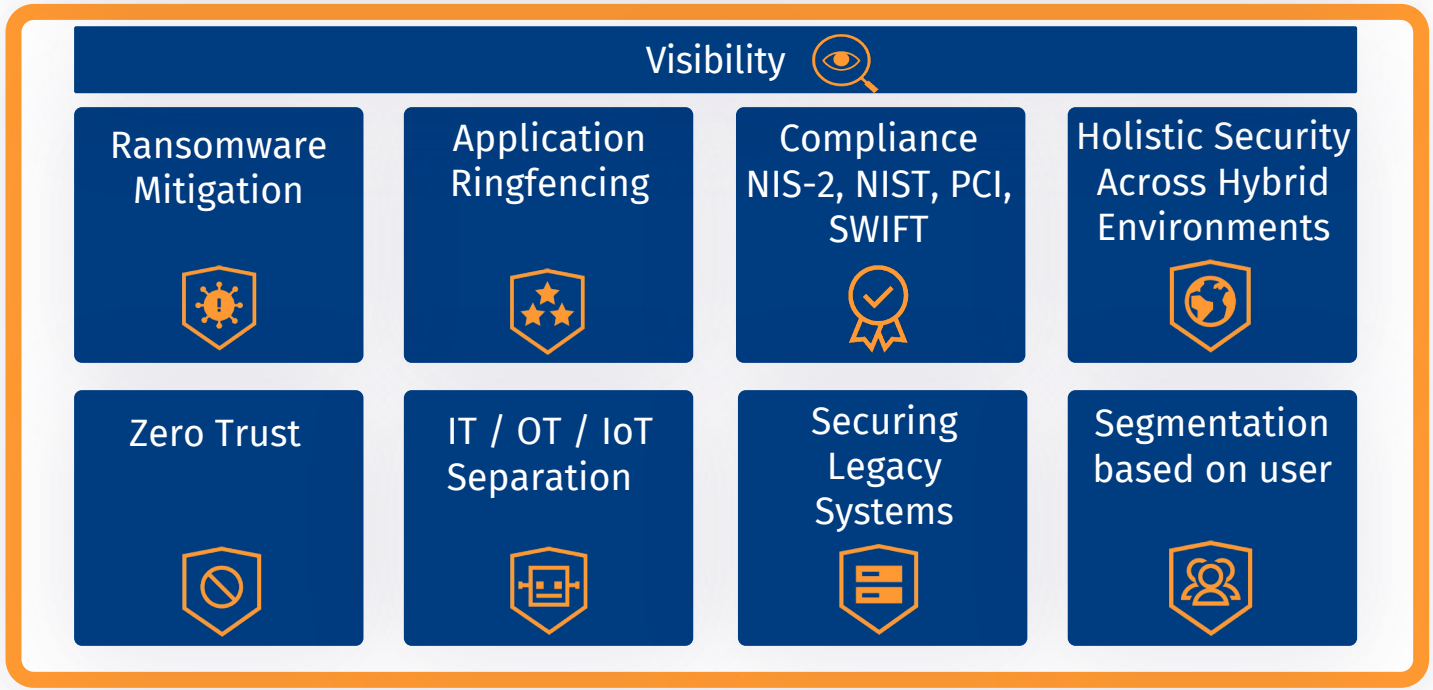
NIS-2

Insurance & Risk

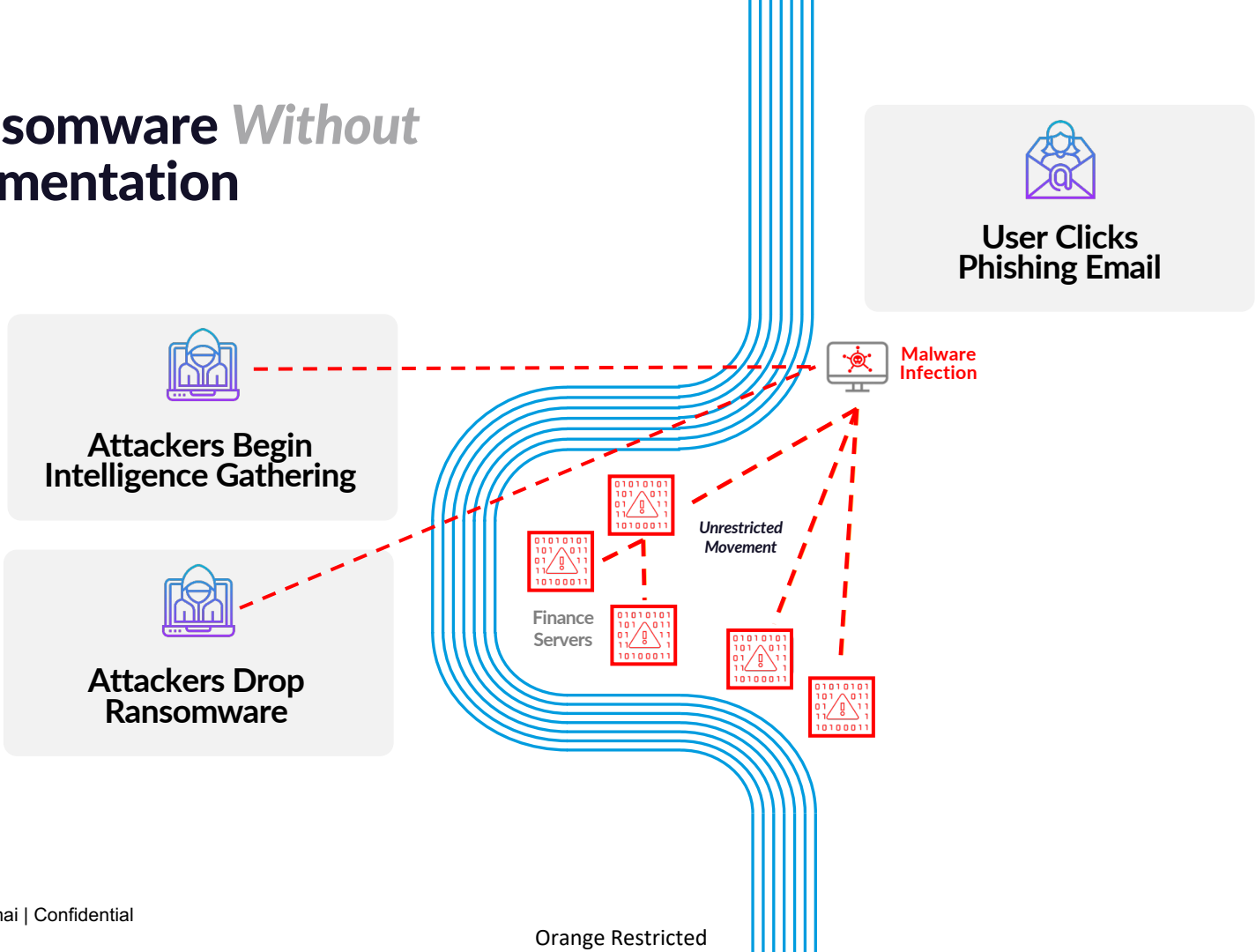
White house

Executive Order on Improving the Nation's Cybersecurity

Usecases

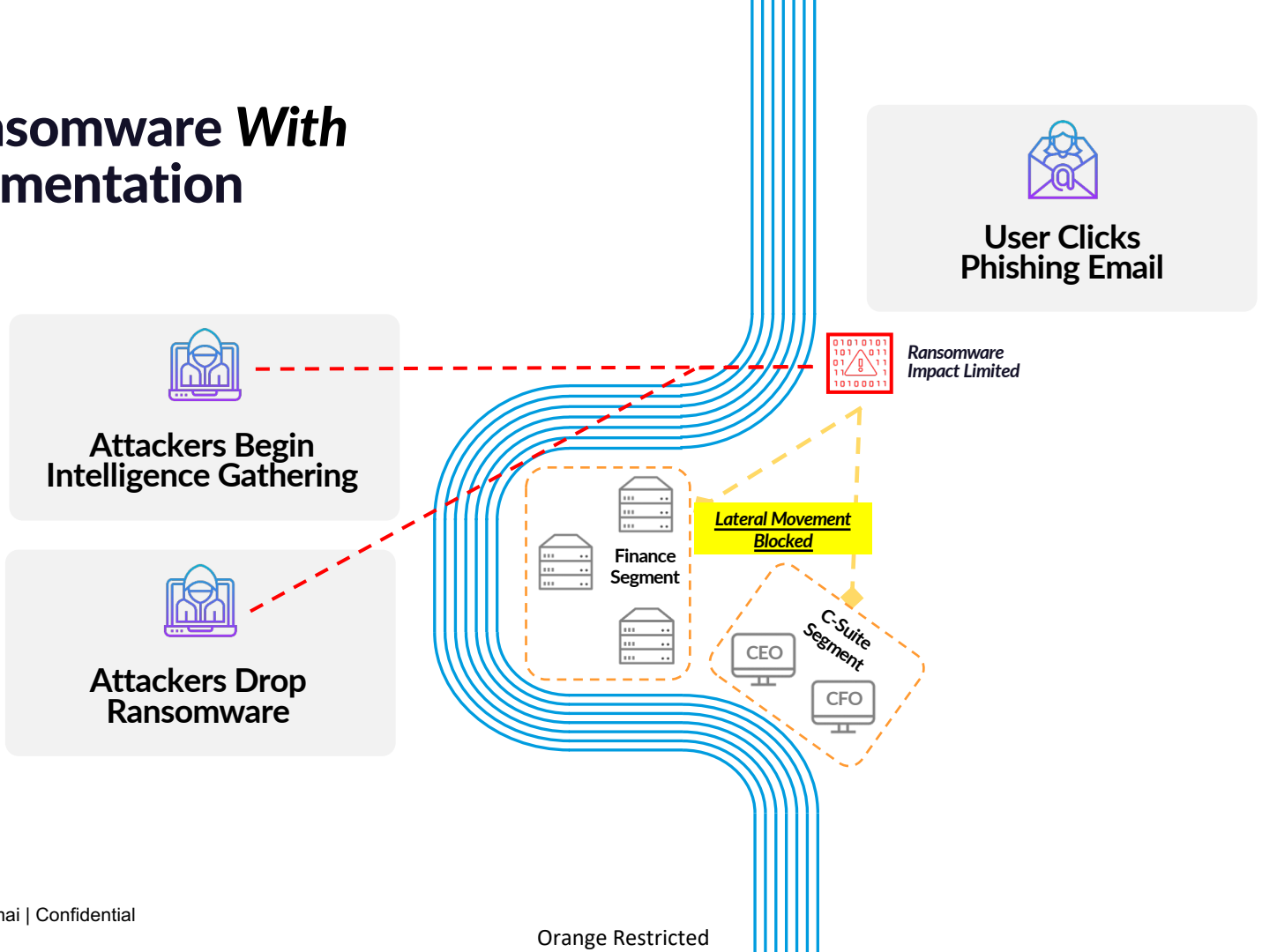


Ransomware *Without* Segmentation



Orange Restricted

Ransomware *With* Segmentation



Summary

Quickly Reduce Risk

Remove Network Complexity

Maintain Business Continuity


CISO after that board meeting where he shows a clear plan of risk reduction and cost savings

Thank You!