



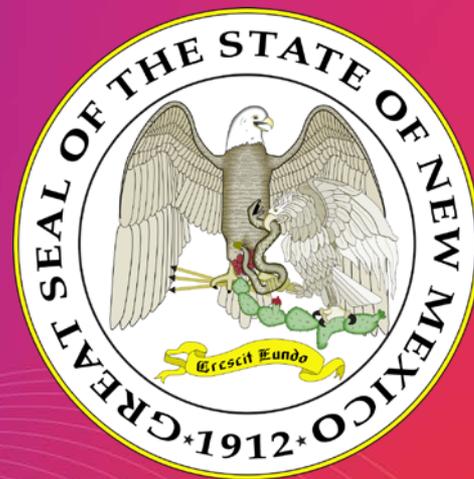
# Cyber Challenges in State and Local Government

State of New Mexico

Science, Technology & Telecommunications Committee

Tanium

Aug 25<sup>th</sup>, 2021



# NM STTC: Cyber Challenges in State & Local Government

## Introduction & Agenda

- Today's Agenda
  - Cybersecurity Today
  - Best Practices/Lessons Learned in State/Local Government
- Featured Presenter: Chris Cruz
  - Chris Cruz is the former Deputy CIO for the State of California & the former CIO for San Joaquin County serving decades within state & local government IT and joining Tanium in summer of 2021



# NM STTC: Cyber Challenges in State & Local Government

Tanium @ State of NM



Chris Cruz  
US SLED CIO



Tim Howell  
Western US SLED RVP



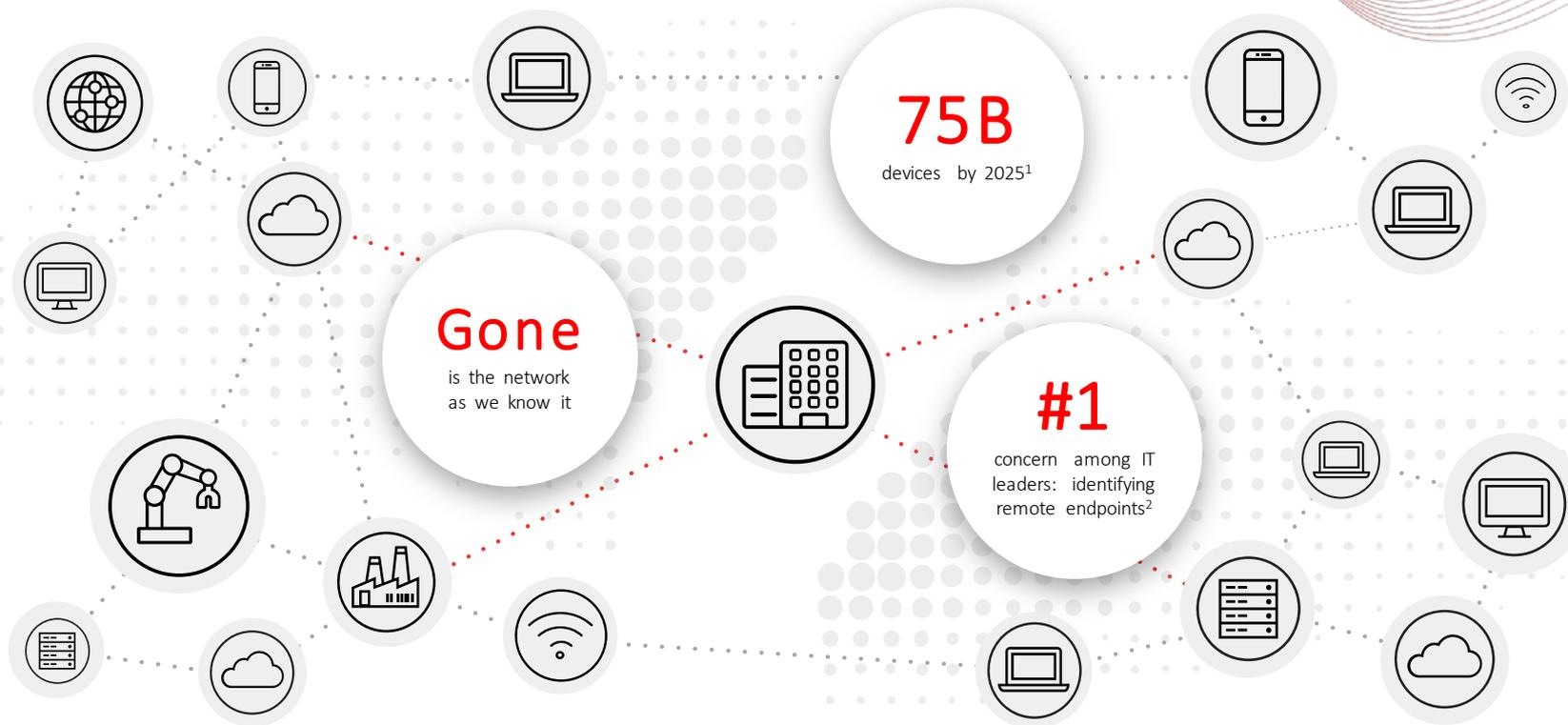
Bradley Crowe  
Regional SLED AE

# Cybersecurity Today

Chris Cruz, Tanium US SLED CIO

# Endpoint Complexity Continues to Increase

The move to digital and work-from-anywhere accelerates this complexity.



Sources: [1](#): WTWSH Report

# IT Complexity and Silos Stifle Ability to Deliver Business Impact

IT leaders can't make informed decisions quickly when data is limited and disconnected.

## 55%

of organizations use **more than 20 tools** across IT Operations and Security.<sup>1</sup>

## 40%

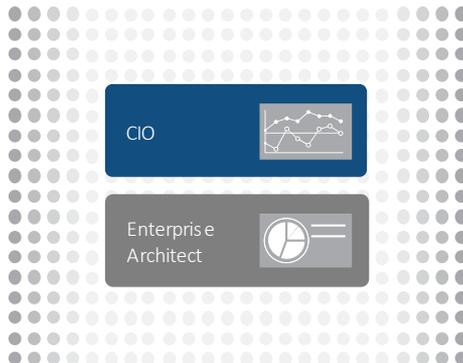
of CIOs say **silos make it difficult to identify the severity of an issue** and minimize business impact.<sup>2</sup>

## 89%

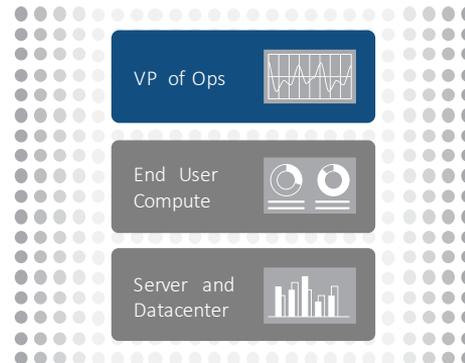
of IT leaders report **data silos are creating business challenges** for digital transformation initiatives.<sup>3</sup>



Security & Risk



Office of the CIO



IT Operations

Sources: 1: Tanium/Forrester Study, [2](#), [3](#)

# NM STTC: Cyber Challenges in State & Local Government

## Ransomware

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Ransomware is a problem in every industry.



### Healthcare

In September 2020, a hospital chain with 400 locations appeared to be hit in the largest healthcare ransomware attack in U.S. history.



### Government

In 2019, the City of Baltimore suffered a ransomware attack that cost it more than \$18 million and suspended municipal services.



### Education

Ransomware attacks impacted more than 85 higher education institutions and disrupted operations for more than 1,200 schools in 2020.



### Technology

An IT services company was hit with a Maze ransomware attack in 2020 that was projected to cost it \$50 to \$70 million in overall impact.



### Retail

In December 2020, Kmart experienced a ransomware attack that disrupted services in the middle of the holiday shopping season.

# Why is it so hard to defend against Ransomware?

IT leaders can't make informed decisions quickly when data is limited and disconnected.

## 55%

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Security and Risk

## 40%

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CIO VP of IT &  
Security IT Director

## 89%

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IT Operations

Sources: 1: Tanium/Forrester Study, [2](#), [3](#)

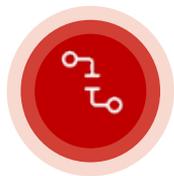
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## Cyber Security Strategy in SLED



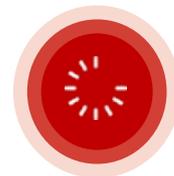
### Federal Dollars

CARE S – ARP – ESSER – Infrastructure



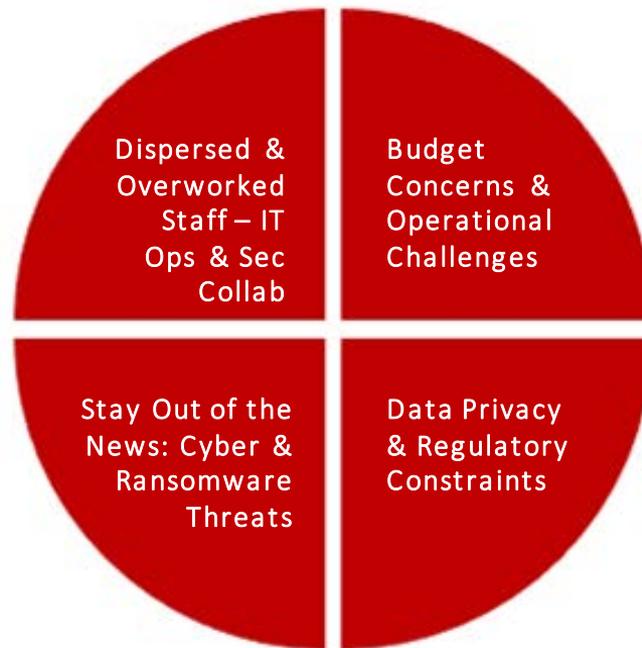
### Cybersecurity Executive Order

President Biden  
Incident Notification & Threat Information Sharing  
Government Coordination on Significant Cybersecurity Incidents



### Organizational Issues

Digital Government Services – Student Success  
Operational Efficiency – Hard Cost Optimization  
Transparency/Compliance – Cyber Risk Mitigation



# Best Practices/Lessons Learned in State/Local Government

Chris Cruz, Tanium SLED CIO

The background of the slide features a gradient from dark purple on the left to bright red on the right. In the bottom right corner, there are several thin, white, wavy lines that create a sense of motion and depth, resembling a stylized wave or a series of overlapping curves.





Our scale is so big.  
We have over 60,000  
employees. Per user,  
year over year, that  
all adds up.

– Russ Nichols, CTO, State of California

*CDT Vision 2023*



# State of California

## Technology Strategic Plan

### Key Visions

- Make common technology **easy to access, use, share and re-use** across government
- Build **digital government** more quickly and more effectively
- Build confident, empowered **multi-disciplinary teams**

### Implications & Tanium Alignment

Tanium improves process execution by unifying data and tools to improve efficiency, performance and decision-making, allowing CDT to redeploy IT resources to strategic projects or realize cost avoidance from headcount management.

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The Tanium Platform enables CDT to reduce agent sprawl while also reducing the frequency, duration and/or severity of data breaches or business-disrupting outages through implementation of an effective vulnerability detection & patch management

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Tanium enables the CDT Staff through our Community Site, providing re-usable "playbooks" + in depth troubleshooting guides to enforce best practices. We also augment CDT staff through industry-leading, dedicated TAM support and partners. Tanium Operators will also receive curated training to accelerate in-house expertise



# Thank You



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[www.tanium.com](http://www.tanium.com)

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