2024 TECHNOLOGY INFRASTRUCTURE TRENDS

Your technology partner.
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WELCOME

3:00PM – CTComp

3:30PM – Cisco

4:00PM – HPE

4:30PM – Verkada

5:00PM – Q & A

5:15PM – Networking and Beverages

5:30PM – Buffet Dinner

7:00PM – Last Call

8:00PM – EYC Closes

AGENDA

1. Past, Present, Future
2. Infrastructure Projects
3. Secure the Infrastructure
4. Manage the Infrastructure
5. Our Journey

PAST, PRESENT, FUTURE

Past
- ✓ Infrastructure is not as Sexy but a Necessity
- ✓ Increase of Cybersecurity Threats
- ✓ Pandemic

Present
- ✓ End of Life
- ✓ Compliance to Standards
- ✓ Input from Everyone

Future
- ✓ Data, Apps and Access in a Hybrid World
- ✓ Expectations and Excellence
- ✓ Zero Tolerance

INFRASTRUCTURE PROJECTS

Server and Storage Refresh
- ✓ Hewlett Packard Enterprise
- ✓ Microsoft Windows Server
- ✓ VMWare vSphere
- ✓ Citrix & Microsoft RDS

Migrations to On-Premise and Cloud
- ✓ Hewlett Packard Enterprise
- ✓ Microsoft Azure (Hosting, Availability, Recovery)
- ✓ Microsoft 365 (Email, Teams, Sharepoint, OneDrive)
- ✓ CTComp Private Cloud (Hosting, Availability, Recovery)

INFRASTRUCTURE PROJECTS

End Point Refresh and Reprofiling
- ✓ Hewlett Packard (Work Force, Availability, Recovery)
- ✓ Microsoft Windows Professional and Enterprise

Perimeter and Datacenter Security
- ✓ Cisco NGFW and Meraki Appliances (IPS, IDS)
- ✓ Cisco Umbrella (Web)
- ✓ Cisco DUO (MFA)
- ✓ Cisco AnyConnect (VPN)

INFRASTRUCTURE PROJECTS

Network Refresh and Expansion
- ✓ Cisco Switches
- ✓ Cisco Wireless

Collaboration and Conferencing Anytime, Anywhere
- ✓ Microsoft 365 for Voice, Video and Audio
- ✓ Cisco Webex for Voice, Video and Audio
- ✓ Cisco Webex Cloud

INFRASTRUCTURE PROJECTS

Physical Security Platform
- ✓ Building and Datacenter Protection
- ✓ Video Surveillance
- ✓ Access Control
- ✓ Intercoms
- ✓ Air Quality
- ✓ Workplace
- ✓ Alarms
- ✓ Anytime, Anywhere
- ✓ Cloud Managed and Supported
- ✓ Integrating Facilities and IT

SECURE THE INFRASTRUCTURE

NIST CYBERSECURITY FRAMEWORK
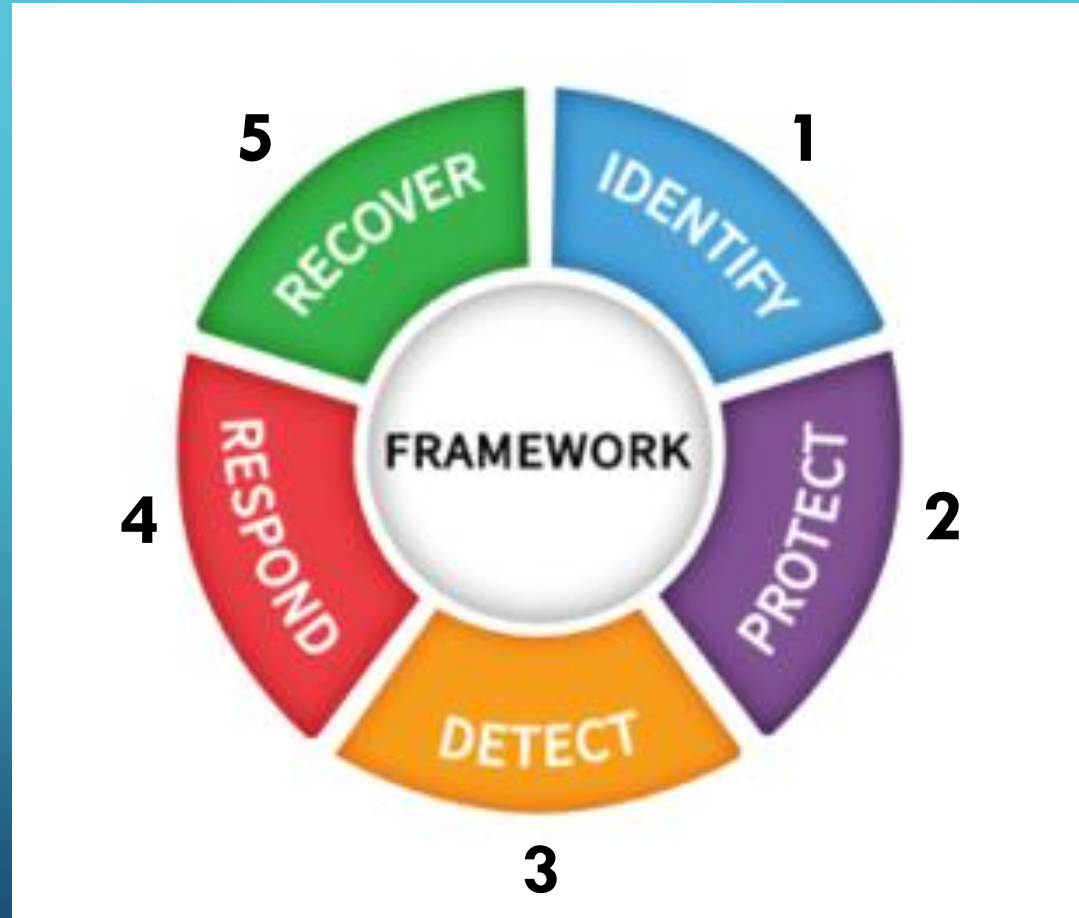
IDENTIFY

1. System & Network Monitoring
   - ✓ Kaseya VSA & Paessler PRTG
2. Vulnerability Scanning
   - ✓ VulScan
3. Network Assessments
   - ✓ Compliance Manager GRC
   - ✓ Network Detective
4. Data Classification
   - ✓ Netwrix
5. Penetration Testing
   - ✓ vPenTest by Vonahi

PROTECT

1. Patch Management
   - ✓ Kaseya VSA

2. Anti-Virus, Anti-Malware, Advanced Threat Control & EDR
   - ✓ Bitdefender Cloud Security

3. Security Awareness Training
   - ✓ BullPhish ID

4. Email Security
   - ✓ Microsoft Defender for O365
   - ✓ Zix Protection Suite

5. Multi-Factor Authentication
   - ✓ Cisco Duo

6. DNS Layer Web Content Security & Filtering
   - ✓ Cisco Umbrella

7. Network Perimeter Security
   - ✓ Cisco & Meraki Firewalls (IPS)

DETECT

1. End Point Detection and Response (EDR)
   - ✓ Bitdefender Cloud Security
2. Managed 24x7 SOC & SIEM
   - ✓ RocketCyber
3. Domain Security Change Tracking
   - ✓ Netwrix Auditor
4. Dark Web Monitoring
   - ✓ Dark Web ID
5. Network Perimeter Security
   - ✓ Cisco & Meraki Firewalls (IDS)

RESPOND

1. End Point Detection and Response (EDR)
   - ✓ Bitdefender Cloud Security
2. Managed 24x7 SOC & SIEM
   - ✓ RocketCyber
3. Incident Response Plan and Policies
   - ✓ Compliance Manager GRC

RECOVER

1. Managed Backup
   - ✓ Veeam Backup and Recovery
2. Offsite Immutable Backups
   - ✓ Wasabi
3. Cloud Backups (O365, G-Suite, Salesforce)
   - ✓ Veeam
   - ✓ CloudAlly
4. Disaster Recovery as a Service (DRaaS)
   - ✓ CTComp Datacenter
   - ✓ CTComp Microsoft Azure

MANAGE THE INFRASTRUCTURE

CTComp Master Services Agreement
- ✓ Data, Apps and Network
- ✓ End Users and Devices
- ✓ Security, Subscriptions and Applications
- ✓ Integrate and Standardize
- ✓ Accountability and Engagement
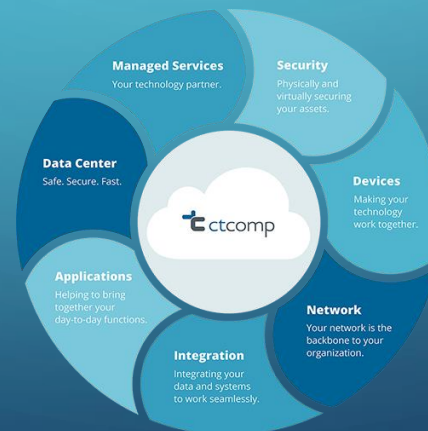
OUR JOURNEY

One Size for All
- ✓ Each Organization is Unique

Enterprise to SMB
- ✓ Cross Platform Integrations

Just the Beginning
- ✓ New Methods and Technologies

Artificial Intelligence
- ✓ What Does this Mean to You?