



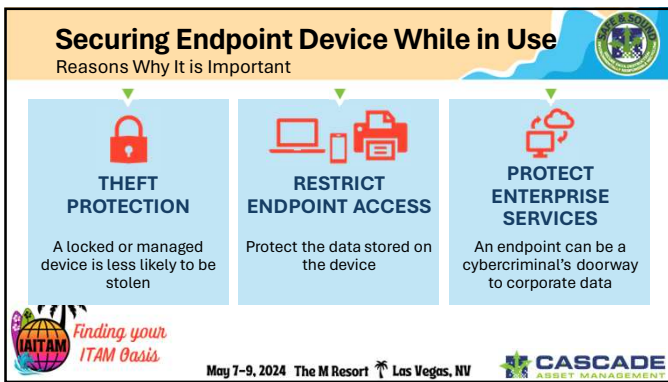
IAITAM ACE
 May 7-9, 2024 The M Resort Las Vegas, NV

Should You Remove Device Locks When Retiring IT Assets?




Neit Peters-Michaud
 Cascade Asset Management

Finding your IAITAM Oasis

1



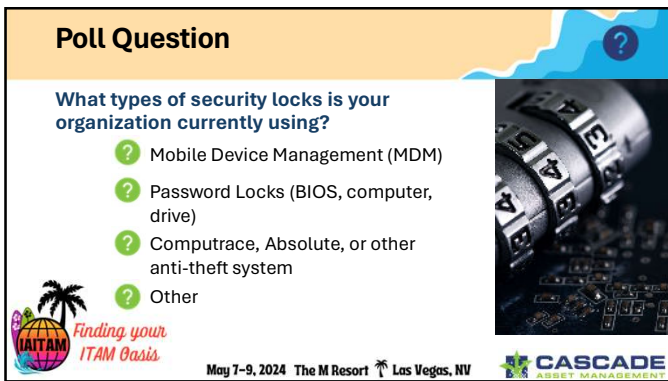
Securing Endpoint Device While in Use
 Reasons Why It is Important

 THEFT PROTECTION A locked or managed device is less likely to be stolen	 RESTRICT ENDPOINT ACCESS Protect the data stored on the device	 PROTECT ENTERPRISE SERVICES An endpoint can be a cybercriminal's doorway to corporate data
---	--	--

Finding your IAITAM Oasis
 May 7-9, 2024 The M Resort Las Vegas, NV

CASCADE ASSET MANAGEMENT


2



Poll Question

What types of security locks is your organization currently using?

- Mobile Device Management (MDM)
- Password Locks (BIOS, computer, drive)
- Computrace, Absolute, or other anti-theft system
- Other



Finding your IAITAM Oasis
 May 7-9, 2024 The M Resort Las Vegas, NV


CASCADE ASSET MANAGEMENT

3

Securing Endpoint Device While in Use
Available Options

Drive Encryption

- Prevents access to the data on the drive
- Still allows drive to be wiped and reused



Finding your ITAM Oasis

May 7-9, 2024 The M Resort Las Vegas, NV

CASCADE
ASSET MANAGEMENT

4

Securing Endpoint Device While in Use
Available Options

Mobile Device Management (MDM)

A software tool that enables an IT Department to secure, monitor, manage, and enforce policies on smartphones, laptops, tablets, and IoT devices.

jamf **Apple Business**
Microsoft Intune **Windows AutoPilot**

Finding your ITAM Oasis

May 7-9, 2024 The M Resort Las Vegas, NV

CASCADE
ASSET MANAGEMENT

5

Securing Endpoint Device While in Use
Available Options

End Point Security

A persistent module is built into the computer hardware to track the location of the device when connected to the Internet.

CompuTrace **SentinelOne**
by AbsoluteSoftware **Singularity**

Finding your ITAM Oasis

May 7-9, 2024 The M Resort Las Vegas, NV

CASCADE
ASSET MANAGEMENT

6

Securing Endpoint Device While in Use


Available Options

Password Locks

ACTIVATION LOCKS

Find My iPhone – Apple ID

Tied to an individual user and not the enterprise so it may not be easily accessible




DEVICE PASSWORDS


Power-On Password or BIOS Lock

- Power-On Password: Prevents the device from booting
- BIOS Password: Prevents access to BIOS
- Removable media can still be accessed without the host BIOS

May 7-9, 2024 The M Resort Las Vegas, NV



Finding your ITAM Basis



7

Securing Endpoint Device While in Use

Available Options

Additional Security Locks

DRIVE LOCKS

Hard Drive or SSD Lock

A password is required to access or erase the data


A computer can still be used if the drive is replaced

FIRMWARE LOCKS


Applies to Apple Products & Some Mobile Devices

A password is required to access security settings and boot options

May 7-9, 2024 The M Resort Las Vegas, NV



Finding your ITAM Basis

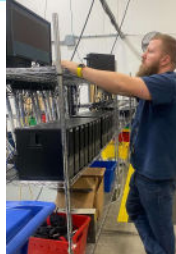


8


Poll Question

When is the right time to remove a security lock?


- ? When the device is no longer in use
- ? Once the device is wiped
- ? When the title is transferred to an ITAD provider or another user



May 7-9, 2024 The M Resort Las Vegas, NV




Finding your ITAM Basis



9

When to Release a Security Lock
The Right Stage of the Process

- ✓ When the device's data is being sanitized
- ✓ When ready to repurpose the device






May 7-9, 2024 The M Resort Las Vegas, NV

CASCADE
ASSET MANAGEMENT

10

Reasons to Unlock a Device
Rather Than Recycling It

- Reusing or reselling a device provides value
- Deactivating locks saves on software subscription costs
- The environmental impact of extending a device's life is greater than recycling it
- Unlocking and electronically sanitizing a device is more secure

May 7-9, 2024 The M Resort Las Vegas, NV

CASCADE
ASSET MANAGEMENT

11

Coordinating Unlocking with the ITAD Provider
The Keys to a Successful Program

TRACEABILITY

Assets are recorded and tracked as they move from the enterprise to the ITAD provider

The title and responsibility for the device and the data are transferred from the enterprise to the ITAD provider

COMMUNICATION

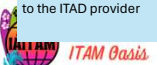
The ITAD provider . . .

- ✓ Notifies the enterprise when assets are received
- ✓ Provides a detailed list of device serial numbers
- ✓ Offers AMDB tool integration via API

UNLOCKING METHODS

MDM Locks: The enterprise de-enrolls the device OR the ITAD is entrusted to act as an agent

Password Locks: The ITAD offers secure password-sharing software and has tools to store and manage passwords



May 7-9, 2024 The M Resort Las Vegas, NV

CASCADE
ASSET MANAGEMENT

12


When Unlocking Is Not Allowed

Next Steps if the ITAD Provider Cannot Be Trusted

Quarantine & unlock the devices yourself


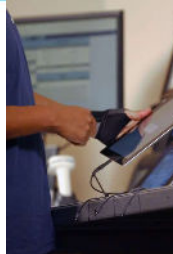
- Send an authorized person to unlock the devices at the ITAD provider's facility
- Request the ITAD provider securely return the devices so you can unlock

Responsibly recycle the devices



Finding your ITAM Oasis

May 7-9, 2024 The M Resort Las Vegas, NV





13

Poll Question


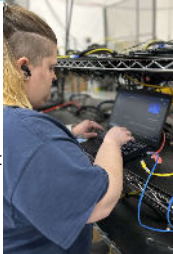
Do you currently allow your ITAD vendor to remove security locks from devices?

- ? Yes
- ? No
- ? We currently do not, but would consider it
- ? Other



Finding your ITAM Oasis

May 7-9, 2024 The M Resort Las Vegas, NV





14

Validate the Process



Tips for Checking the Unlocking and Sanitization Process

- Review the Certificates of Data Destruction
- Verify the MDM/persistence agent has been removed from the device
- Perform sample testing and audit the process



Finding your ITAM Oasis

May 7-9, 2024 The M Resort Las Vegas, NV






15


In Summary

Unlocking Devices Offers Many Benefits

- Locking devices is a smart security practice
- Once devices are no longer needed and data is destroyed, unlock the device
- Coordinate the process with your ITAD provider
- Benefits to unlocking devices include:
 - Generating value by reusing or resetting devices
 - Deactivating software saves on subscription costs
 - Greater environmental impact than recycling
 - Unlocking and sanitizing is more secure

May 7-9, 2024 The M Resort Las Vegas, NV



16

Additional Resources

**Check out our blog post:
Remove Security Locks from IT Devices**



Contact:
Neil Peters-Michaud
Cascade Asset Management
608-316-6637
npm@cascade-assets.com




May 7-9, 2024 The M Resort Las Vegas, NV



17

See you in Booth #32

Bring your Cascade Casino Chip and Spin to Win!
Chance to win prizes, including a refurbished iPad Pro!



Chance to win a refurbished iPad Pro!



May 7-9, 2024 The M Resort Las Vegas, NV



18
