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MODERN INFRASTRUCTURE DECISIONS  
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# BYOD Security: Perception vs. Reality

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# Who Am I?

- Matt Kosht
  - Manager, IT – SEMCO Energy – Port Huron, MI
  - As of last week Director of IT at ENSTAR – Anchorage, AK
  - 25+ years in technology
  - Opinions are my own
- Interact/Questions
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# BYOD Perception

Employee:



# BYOD Perception

IT:

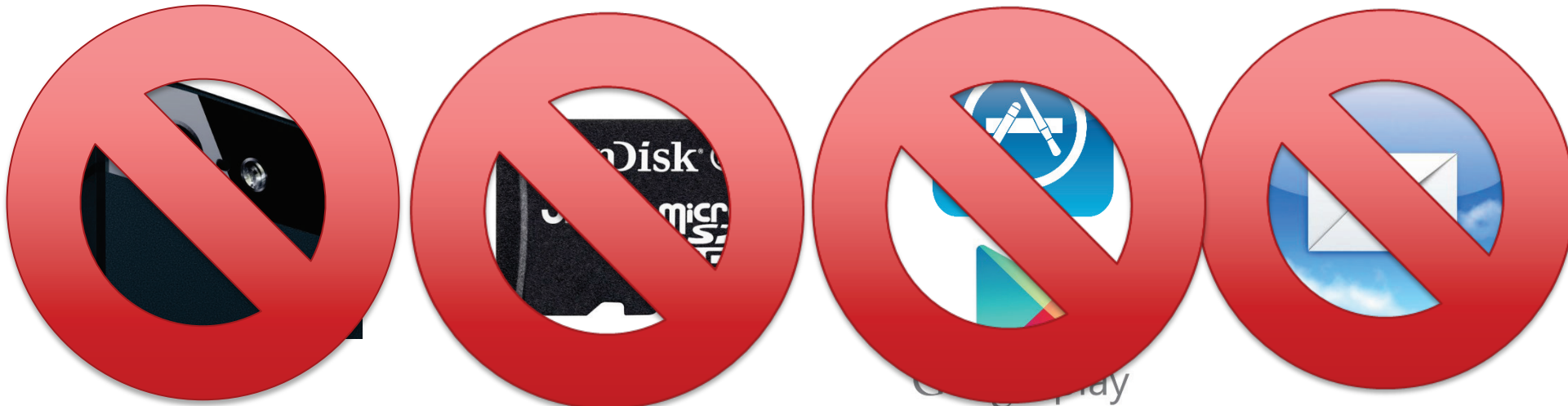


# IT Response to BYOD

- Run the playbook



- Put an agent on it!



# Endpoint Management... Or How To Do BYOD Wrong

- IT obsessed with controlling the endpoint
- Endpoint control = security
- BYO thinking – I don't care what endpoint it is. Protect the data



# BYOD Security

- The anti-virus myth
- Imperva/Tel Aviv U study



- Smarter approaches to virus threats exist
  - Process level or microvirtualization

# Protecting Data on BYOD

- No-brainers
- Desktop-centric solutions
  - Server hosted desktop virtualization
  - Client hosted desktop virtualization (Type 1 or 2)



# Protecting Data on BYOD

- Enterprise mobility management (EMM)
  - Mobile device management (MDM)
  - Mobile application management (MAM)
  - Virtual/dual persona (Mobile virtualization MV)

# Data First!

- Solutions focused on data
  - Secure containers
  - Secure cloud options
- Policy
  - Education
  - Accountability/enforcement

# Rethink the Network for the New Reality

- Redesign your client network
- Layered “onion”
  - Endpoint clients outer layer
  - Servers
    - DV clients no different than endpoints
  - Data should be at center
    - Rules about how/where this goes
    - Know your data – CLASSIFY

# Thank You! Questions?

## Keep in Touch



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