To check or not to check?
Authentication in a complex clinical/business environment

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Where discoveries are delivered.
Overview

- Challenges of using a fundamentally business oriented user provisioning system
- The clinical environment and de-authentication
- Interim steps and unique clinical challenges
- Requested partnership with vendor applications
Provisioning

• In large complex organizations, need to “onboard” employees and providers for business as well as clinical needs
• Many organizations leverage Microsoft or other large vendor directory systems—Active Directory
• Often predicated on workers having a workstation for maximal efficiency
  – Multiple application sign on: Exchange/Sharepoint/Drives
• Allows for ease of deprovisioning
  – Deactivate one central account, removes all other access
Standard clinical image
Why clinical workstations fail?

• Very difficult to load profiles quickly in environments where users are changing at < 3 min intervals
• Do we really want to allow “pass through” of authentication to clinical applications when we have enough challenging managing the “walk away” phenomenon now
• Usual response:
  – Application specific log in with more stringent time out
  – Auto-log in for the larger “shell” application
Other more seamless options

- Use of application portals to allow more speedy profile load
- Most common utilization is Citrix
- Manages authentication and can manage a pass through
- Still, is it safe?
- Would it ever pass muster for dual factor authentication?
Use of Portals
Dual Factor

• Certainly the most safe
• No current deployment in our environment with the exception of our automated distribution cabinets
Where we have to strive harder

• Likely cannot proceed with online CII e-prescribing without more robust two factor
• Need to integrate with business applications and general provisioning but still heightened two factor (likely biometric or badge) for clinical application
• We are likely NOT in full regulatory compliance now
• We have used “ersatz” combination Active Directory + clinical application log in as a surrogate
Thank you!