Solutions that empower and protect the enterprise.
Xacta®360 Implementation of OSCAL Increases Efficiency of A&A Processes

Hugh Barrett and Milica Green

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Your Hosts

Hugh Barrett
VP Technical Solutions

Milica Green
Sr. Compliance Subject Matter Expert
Agenda

01 Xacta 360 Overview
02 Essential Data Exchange (EDE)
03 EDE Use Case and Limitations
04 From EDE to OSCAL Adoption
05 OSCAL Use Cases
Xacta 360 Project

- Categorize
- Select
- Implement
- Assess
- Authorize
- Monitor
Xacta 360 Project Template

- Workflow processes and rules
- Fine grain access controls
- Regulatory content and configurations
- BoE scripts and templates
- Notifications
- Supplemental content
Xacta 360 Project

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Unique Challenges

• We all follow (to some extent) the NIST Risk Management Framework
• Each organization implements it differently
• We have different:
  • Operational processes
  • Reporting requirements
  • Personnel and organizational structure
  • Interpretations for mitigating risk
• How do we share information effectively?
  • The data without context is useless
De-coupling User Data

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Essential Data Exchange (EDE)

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<SystemInformation>
  <SystemName idm:classification="U" idm:ownerProducer="USA">SystemName</SystemName>
  <SystemIdentifier idm:classification="U" idm:ownerProducer="USA">SystemIdentifier</SystemIdentifier>
  <OrganizationName idm:classification="U" idm:ownerProducer="USA">OrganizationName</OrganizationName>
  <InformationTechnologyType idm:classification="U" idm:ownerProducer="USA">
    <typeOfService>ENGLISH</typeOfService>
  </InformationTechnologyType>
  <SecurityCategorization idm:classification="U" idm:ownerProducer="USA">
    <Confidentiality idm:classification="U" idm:ownerProducer="USA" boe:response="MEDIUM"/>
    <Availability idm:classification="U" idm:ownerProducer="USA" boe:response="LOW"/>
    <Category idm:classification="U" idm:ownerProducer="USA" boe:response="MEDIUM"/>
    <AuthorizationLevel idm:classification="U" idm:ownerProducer="USA">
      <Clearance xmlns="urn:us:gov:iat:igls"/>
      <HandlingControls xmlns="urn:us:gov:iat:igls"/>
    </AuthorizationLevel>
  </SecurityCategorization>
</SystemInformation>
EDE Limitations

- Currently our EDE implementation only supports CNSS 1254 BoE documentation
- Limited list of data elements that can be shared
- Currently, evidence/artifacts cannot be shared using EDE
- Some of the XML schema used to support BoE is mapped to pre-defined Telos data model
- EDE is built for reciprocity and OSCAL is built for accreditations
From EDE to OSCAL Adoption

- Bottom-up approach with EDE as a foundation
- This approach allows us to use what we currently have while building a more robust control assessment language
OSCAL Use Cases

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A&A OSCAL XML Export

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A&A OSCAL XML Export

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A&A OSCAL XML Export
Xacta 360 OSCAL Support

PHASE 1: SSP export in OSCAL XML format

PHASE 2: SSP export with artifacts

PHASE 3: Export and import in OSCAL format
Questions?

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