CES469274

Additional Content - *Leveraging Autodesk \ Esri integration for Project Collaboration & Delivery*

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Learning Objectives

- Demonstrate value of GIS content to support Civil Engineering and Design project work
- Ability to leverage data for more than single project purpose
- D&E critical data also value to owner and all stakeholders involved
- Seeing the bigger picture and making it useful
- Explain how C3D data can be integrated with ArcGIS advanced models (e.g., Utility Network) to create on-going value for owner\operators

Description

To maintain a competitive edge and deliver sustainable solutions Autodesk and Esri are evolving the relationship between BIM and GIS.

Speaker(s)

Micah Callough is the **Technology Director for the Esri AEC sector**. He has a background in technology delivery based on his 25+ year career in AEC. During that time, he has worked for two leading AEC firm across their Water, Infrastructure, Environment, Buildings and Global Digital Solutions (IT) business lines. Throughout this period, he has served as a GIS professional, a management consultant, project manager, a department manager, a technical leader, a technical sales leader, product manager, scrum master and a global IT director. His passion is transforming businesses using technology as a catalyst.

Neil Wakeman is the **Design Technology Lead** for the **Wade Trim Group**. His lifelong career in the AEC industry led him from humble beginnings as a Structural Designer to IT Administrator, Microsoft Certified Systems Engineer, Department Manager, Design Technology Manager, and even Manager of Innovation for many markets served within that time. Neil is also a Certified Autodesk Professional managing a team of people on how BIM, VDC, Reality Capture, AR/VR, GIS and more can complement each other via innovation and the latest technologies surround such. When he's not "geeing out" on all that, he's been known to be a closet musician and original music composer.

Adam Young is a **Senior Project Manager** at **Wade Trim**. Adam is committed to improving the quality of life within a community through a responsible, creative, and citizen-focused approach to the management of land and resources. His experience includes long-range master plans, recreation plans, downtown plans, neighborhood studies, and corridor studies. Adam's emphasis on the creation of user-friendly products featuring easily understood language, attractive graphics, and relevant mapping, has proven to be an asset for many client communities and their citizens.

BIM and GIS Coming Together!

Bringing BIM and GIS together provides context (GIS) to design and engineering content. The following are links to the walkthrough examples of these tools in action together from the presentation **CES469274 - Leveraging Autodesk \ Esri integration for Project Collaboration & Delivery**.

File Name: AddlMaterials CES469274 01 GeoBIM Early Example Concept Only AU2020
Focus: Early prototype example of intelligent connector between ArcGIS and BIM360 that will be released in 2020 and called ArcGIS GeoBIM.
URL Link: https://youtu.be/y52rYlR9E0k

File Name: AddlMaterials CES469274 02 StoryMap Example AU2020
Focus: Example of an ArcGIS StoryMap.
URL Link: https://youtu.be/ghav9oGvLUs

File Name: AddlMaterials CES469274 03 Living Atlas Example AU2020
Focus: Walkthrough of ArcGIS Living Atlas. The world's largest Geospatial Data Repository.
URL Link: https://youtu.be/-6riP53TtjU

File Name: AddlMaterials CES469274 04 GIS2C3D Example AU2020
Focus: Connecting Civil3D to ArcGIS Web GIS content.
URL Link: https://youtu.be/FjbRHvFb10E

File Name: AddlMaterials CES469274 05 ArcGISPro2 6 Connect2BIM360 Example AU2020
Focus: Connecting ArcGIS Pro 2.6 to BIM360
URL Link: https://youtu.be/2njYqyjnH2A

File Name: AddlMaterials CES469274 07 ArcGISPro2 6 C3D in 3D Example AU2020
Focus: ArcGIS Pro working with C3D content in 3D
URL Link: https://youtu.be/PGLOlKYT7OA

File Name: AddlMaterials CES469274 08 ArcGISPro2 6 Read C3D Example AU2020
Focus: ArcGIS Pro Accessing C3D content with details
URL Link: https://youtu.be/cz_ucYZjxAk

File Name: AddlMaterials CES469274 09 Revit in ArcGIS AU2020
Focus: Reading Revit in ArcGIS Pro
URL Link: https://youtu.be/bmNFTT85qdc

File Name: AddlMaterials CES469274 10 Sharing Revit ArcGISWebScene AU2020
Focus: Publishing Building Scene Layers and Web Scenes from Revit content.
URL Link: https://youtu.be/cKK7-GfFK88