

Bentley's Identity Management System (IMS 2.0)

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What is IMS 2.0?

- In August of 2020 Bentley transitioned from an in-house identity management solution to utilizing Ping ID products through a managed service provider
- Increased performance, security, integration capabilities, and more
- Support for SAML, OIDC based federations
- New Azure AD Sync Tool

What is Federation?

- Federation increases security and user experience by allowing the user to sign into Bentley with domain credentials
- Trust, not a Sync
- Built over SAML and OIDC protocols
- User password stays with your internal server
- Audit user log-ins
- Enforce custom password & MFA policies
- Auto-creation for user accounts





What is the Azure AD Sync Tool?

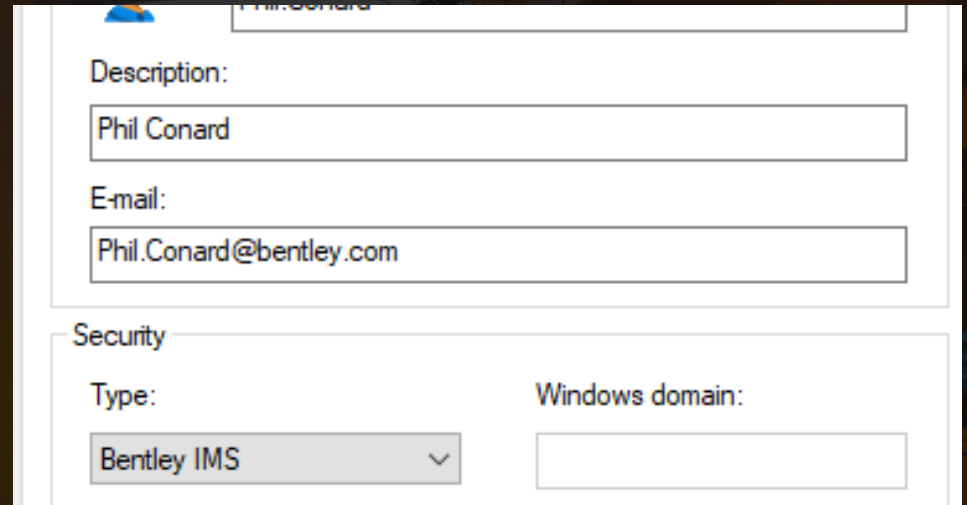
- One-Way Sync from Azure AD into IMS
- Allows for provisioning and deprovisioning
- Sync user groups and information

Why use IMS with ProjectWise?

- User Authentication for ProjectWise Explorer
- Extends AD/IMS security policies to ProjectWise products and services
- Sync user groups and information to your PWDI datasource
- Enforce custom password & MFA policies for IMS authentication types
- Auto-creation for user accounts



Requirements



A screenshot of a user configuration dialog box. The dialog has a title bar with a small icon and the name 'Phil Conard'. It contains several fields and sections:

- Description:** A text field containing 'Phil Conard'.
- E-mail:** A text field containing 'Phil.Conard@bentley.com'.
- Security:** A section with a collapsed arrow on the left. It contains:
 - Type:** A dropdown menu currently showing 'Bentley IMS'.
 - Windows domain:** An empty text field.

- ProjectWise Design Integration Server 10.00.02.96+
- IMS Authentication must be enabled for the datasource in the dmskrnl.cfg
- Users must be signed into the CONNECTION Client
- Users authentication type must be set to Bentley IMS/Federated Identity