

# What's New in Vault 2022: For the Administrator - MFG500044

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Product Manager

# Class Description & Objectives

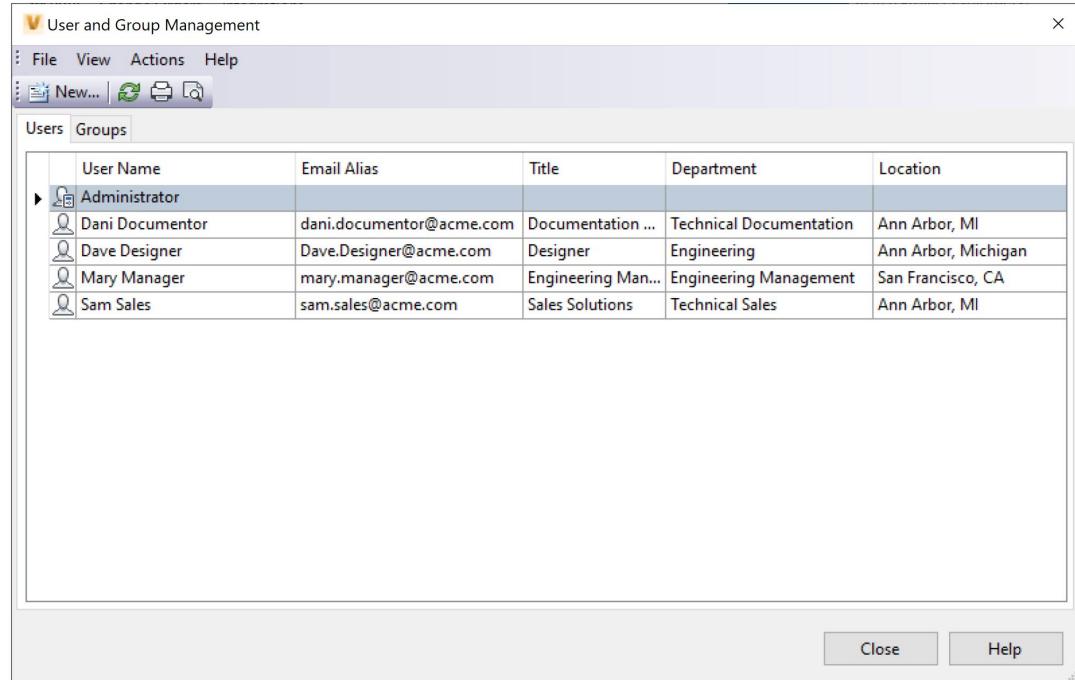
Vault 2022 software continues to deliver a more modern, connected, and insightful user experience. Vault 2022 is packed with features for the author, administrator, and participant company roles. Investments have been made to modernize the overall administration experience, including authentication options, replication, and enhanced user and group management. This class will demonstrate how administrators can optimize their deployments and manage their teams more easily. These optimizations were developed to increase administrator efficiency when numerous team members are spread over multiple locations and managing their Vault access.

- Learn how to manage and easily identify users and groups in the Vault environment
- Learn how to enable multiple authentication methods for users
- Learn how the new client installer capabilities make it easier to create deployment images
- Learn how the new replication technology improves user workflows

Manage and Easily  
Identify Users and  
Groups

# Manage Users & Groups Easier

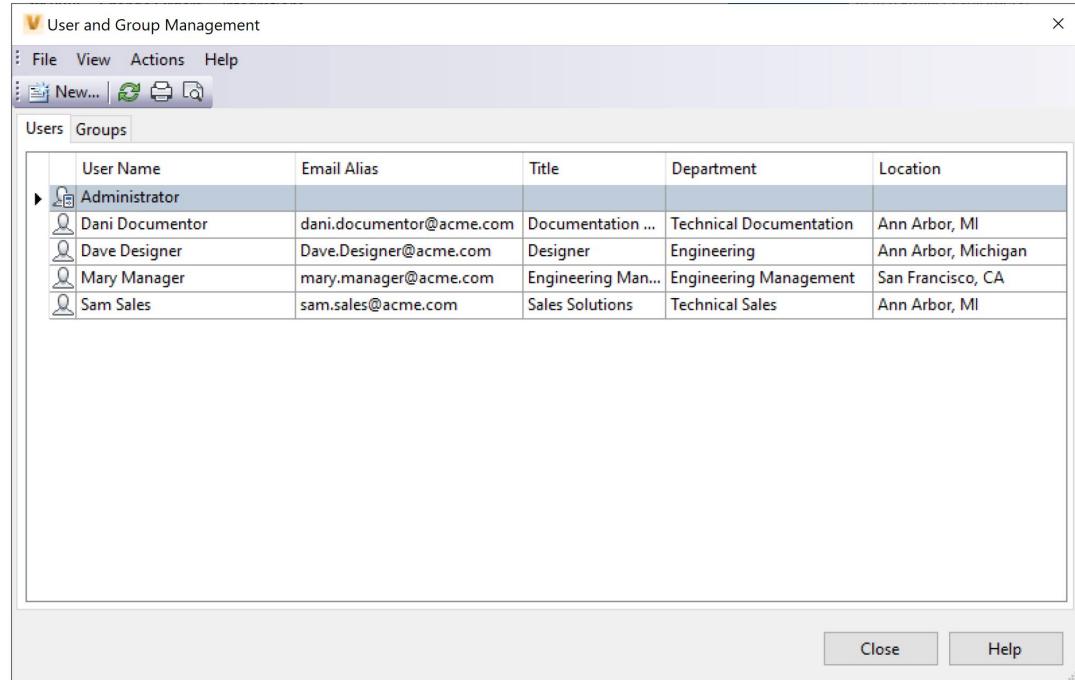
- Combine User and Group management dialog
- Toggle between User and Group tabs for faster management



# Manage Users & Groups Easier

## Views

- Multiple Views providing useful information
  - List View



The screenshot shows a software application window titled "User and Group Management". The window has a menu bar with "File", "View", "Actions", and "Help". Below the menu is a toolbar with icons for "New...", "Save", "Print", and "Search". The main area is divided into two tabs: "Users" (selected) and "Groups". A table displays the following user information:

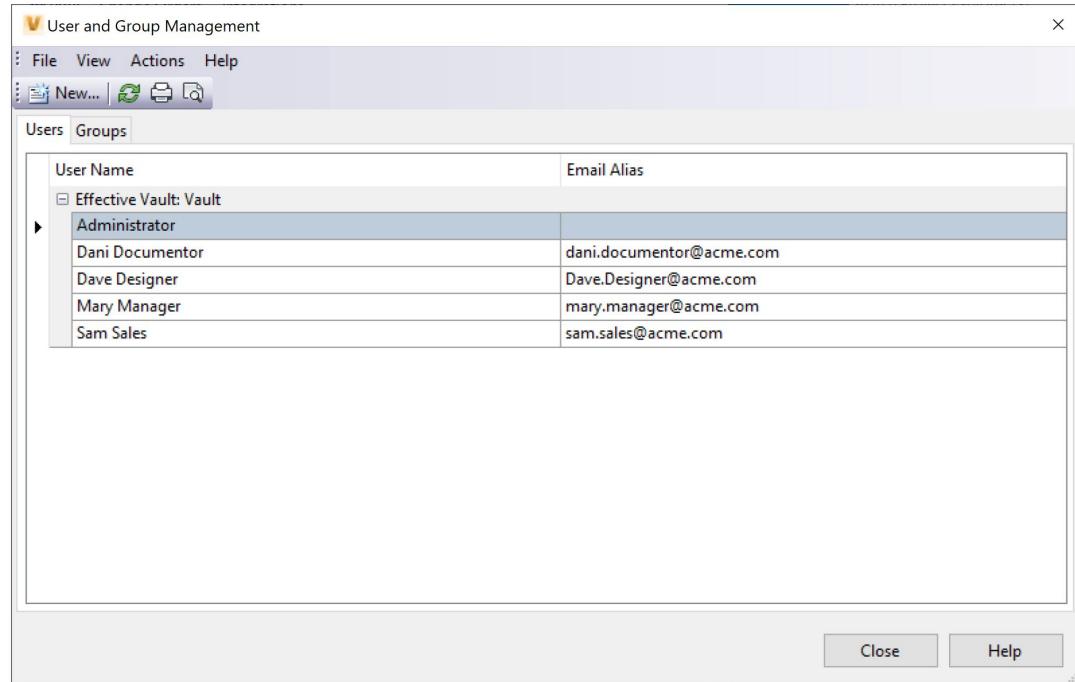
User Name	Email Alias	Title	Department	Location
Administrator				
Dani Documentor	dani.documentor@acme.com	Documentation ...	Technical Documentation	Ann Arbor, MI
Dave Designer	Dave.Designer@acme.com	Designer	Engineering	Ann Arbor, Michigan
Mary Manager	mary.manager@acme.com	Engineering Man...	Engineering Management	San Francisco, CA
Sam Sales	sam.sales@acme.com	Sales Solutions	Technical Sales	Ann Arbor, MI

At the bottom of the window are "Close" and "Help" buttons.

# Manage Users & Groups Easier

## Views

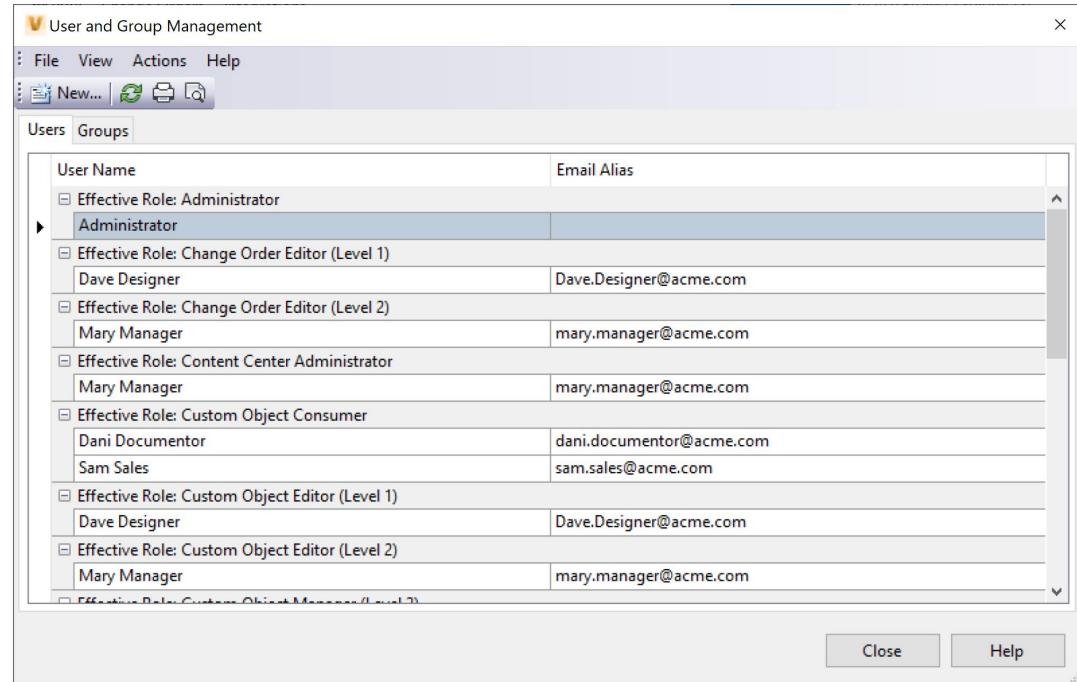
- Multiple Views providing useful information
  - List View
  - Effective Vault View



# Manage Users & Groups Easier

## Views

- Multiple Views providing useful information
  - List View
  - Effective Vault View
  - Effective Row View



The screenshot shows a software application window titled "User and Group Management". The window has a menu bar with "File", "View", "Actions", and "Help". Below the menu is a toolbar with icons for "New...", "Save", "Print", and "Search". The main area is divided into two tabs: "Users" (selected) and "Groups". The "Users" tab displays a table with two columns: "User Name" and "Email Alias". The table lists users with their corresponding email addresses. The rows are grouped by their effective roles, indicated by a small triangle icon to the left of the user name. The rows are as follows:

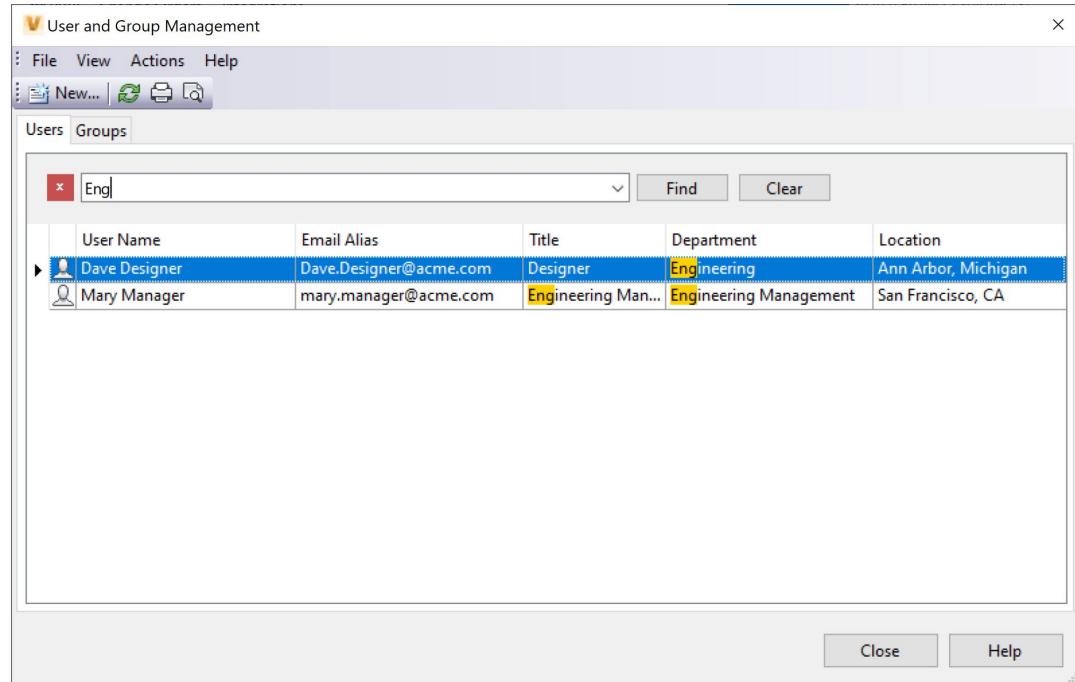
User Name	Email Alias
Administrator	
Dave Designer	Dave.Designer@acme.com
Mary Manager	mary.manager@acme.com
Mary Manager	mary.manager@acme.com
Dani Documentor	dani.documentor@acme.com
Sam Sales	sam.sales@acme.com
Dave Designer	Dave.Designer@acme.com
Mary Manager	mary.manager@acme.com

At the bottom right of the window are "Close" and "Help" buttons.

# Manage Users & Groups Easier

## Views

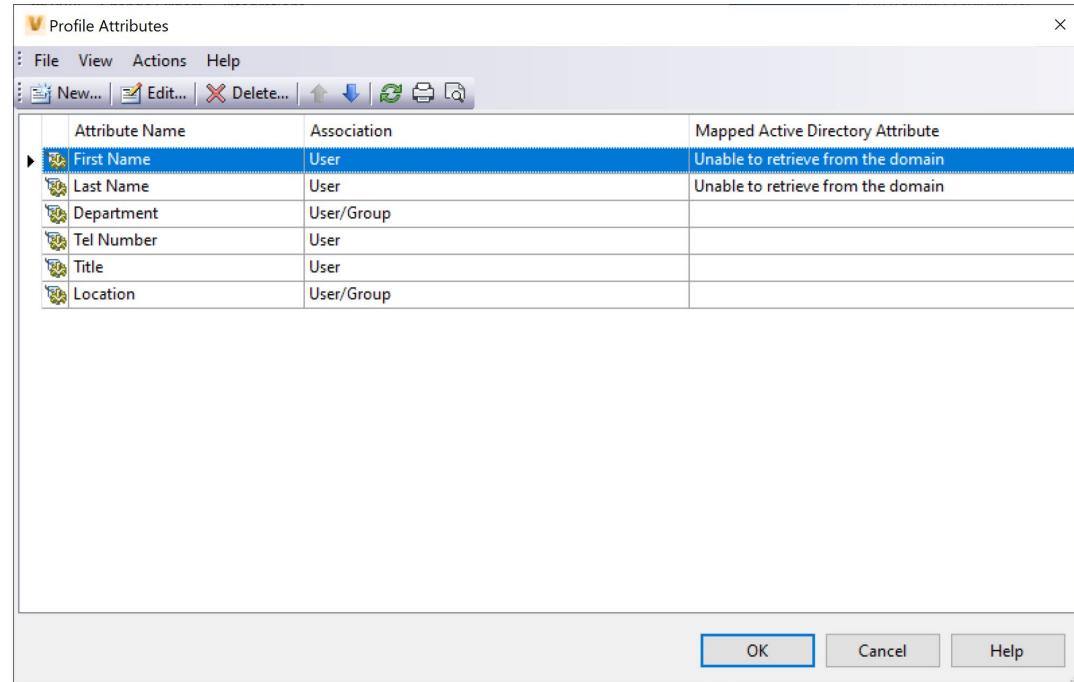
- Multiple Views providing useful information
  - List View
  - Effective Vault View
  - Effective Row View
- Find Panel for searching



# Manage Users & Groups Easier

## Profile Attributes

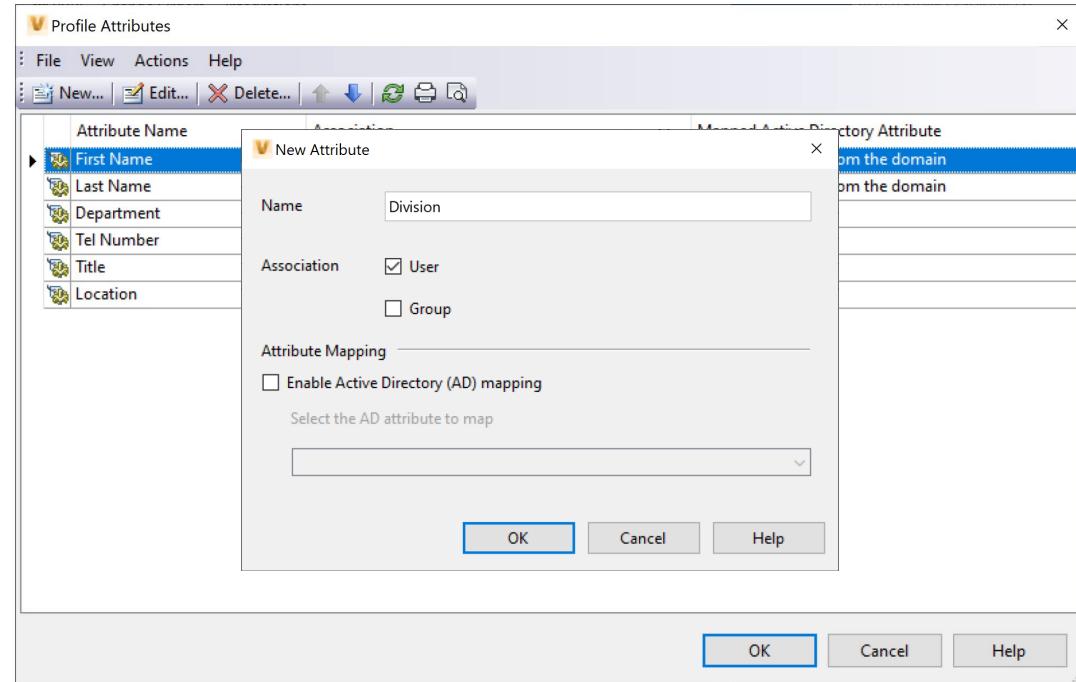
- Create custom user and group profile attributes
- Add import information to users and groups



# Manage Users & Groups Easier

## Profile Attributes

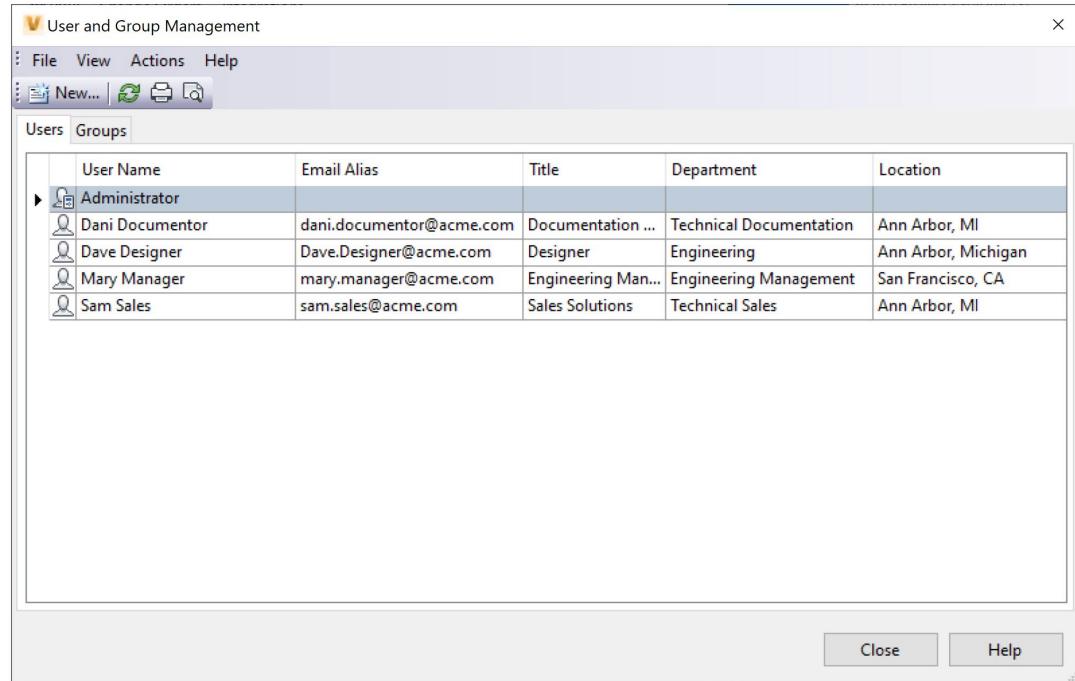
- Create custom user and group profile attributes
- Add import information to users and groups
- Map AD attributes to user and group profile



# Manage Users & Groups Easier

Customize View & Export

- Add important columns to the grid
- Show only enabled users



The screenshot shows a software application window titled "User and Group Management". The window has a menu bar with "File", "View", "Actions", and "Help". Below the menu is a toolbar with icons for "New...", "Edit", "Delete", and "Search". The main area is divided into two tabs: "Users" (selected) and "Groups". A table displays the following user data:

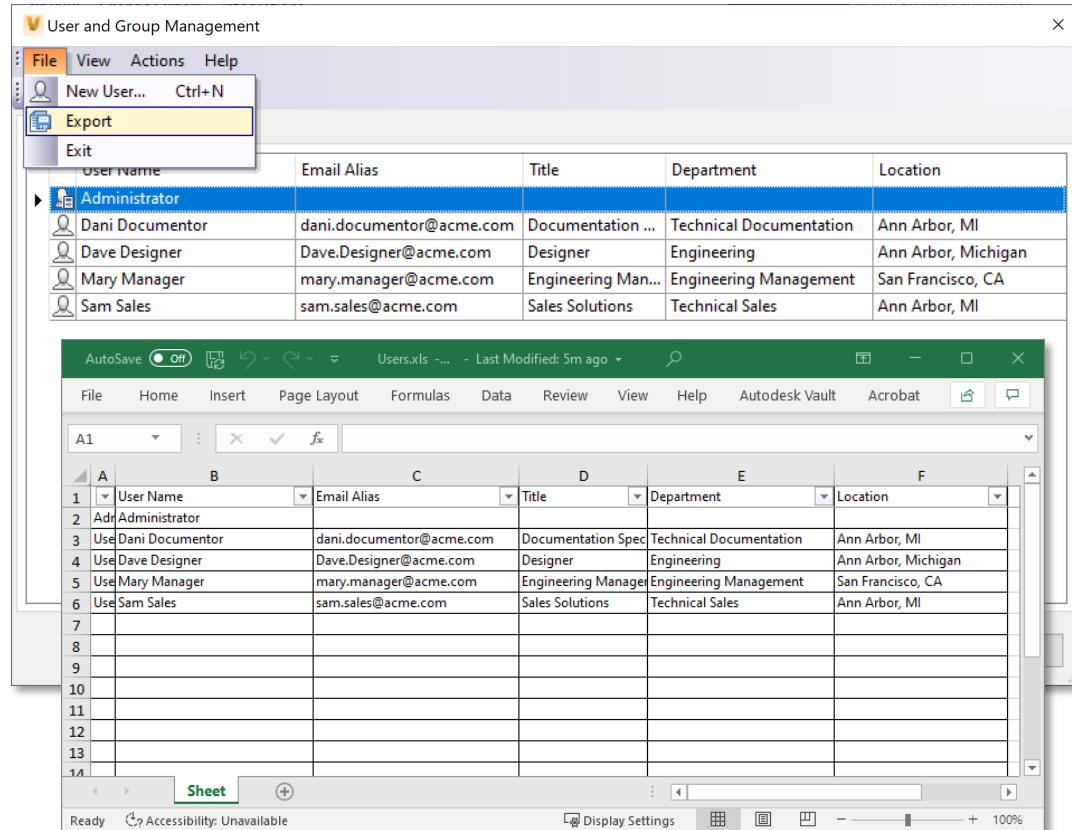
User Name	Email Alias	Title	Department	Location
Administrator				
Dani Documentor	dani.documentor@acme.com	Documentation ...	Technical Documentation	Ann Arbor, MI
Dave Designer	Dave.Designer@acme.com	Designer	Engineering	Ann Arbor, Michigan
Mary Manager	mary.manager@acme.com	Engineering Man...	Engineering Management	San Francisco, CA
Sam Sales	sam.sales@acme.com	Sales Solutions	Technical Sales	Ann Arbor, MI

At the bottom of the window are "Close" and "Help" buttons.

# Manage Users & Groups Easier

## Customize View & Export

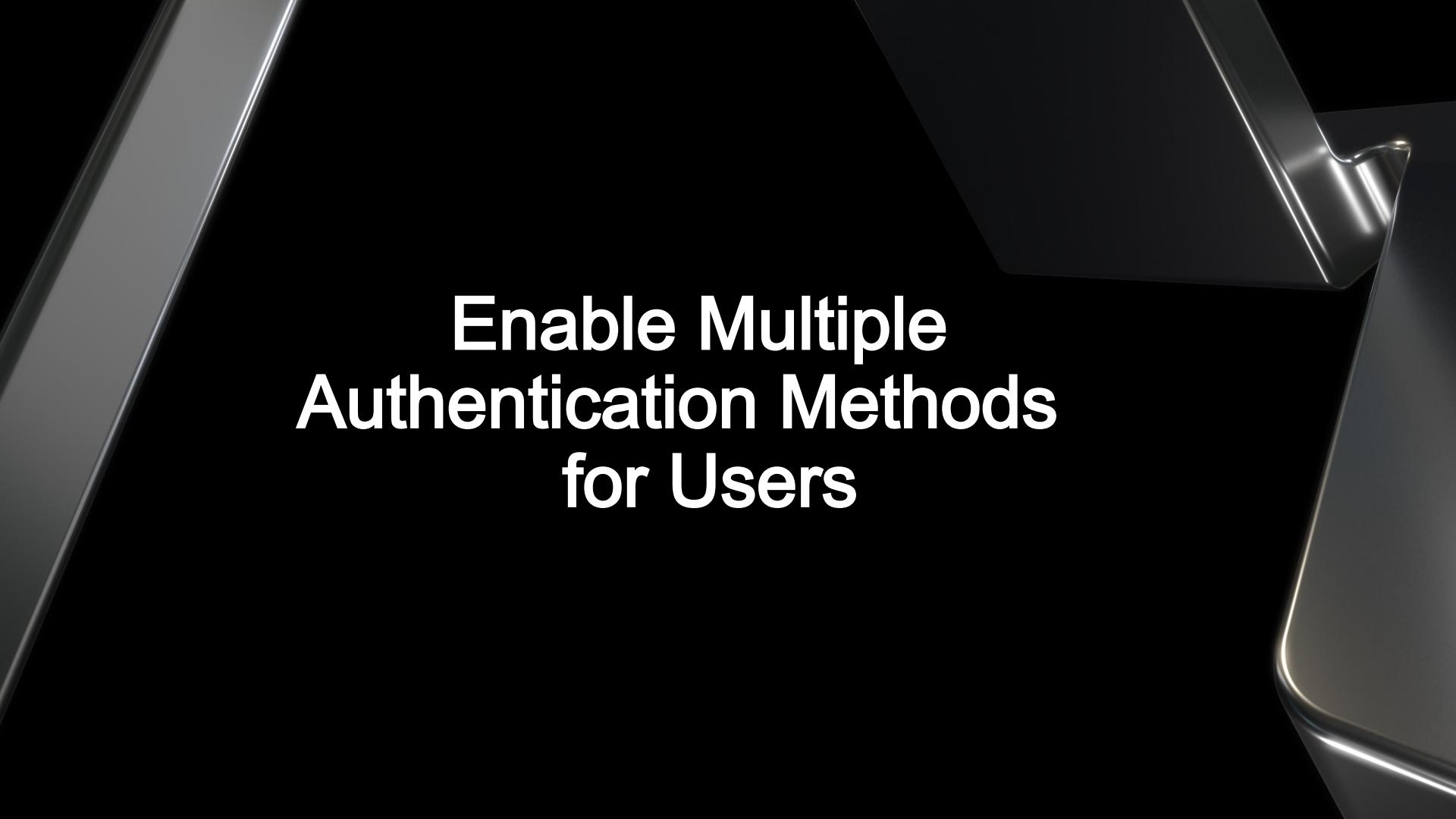
- Add important columns to the grid
- Show only enabled users
- Export formats
  - xls, xlsx, html, htm, xml, txt
- Print formats
  - PDF, html, mht, rtf, docx, xls, xlsx, csv, txt



The screenshot shows the 'User and Group Management' application interface. A context menu is open over a table of user data, with the 'Export' option highlighted. The table lists users with columns for Username, Email Alias, Title, Department, and Location. The data is as follows:

Username	Email Alias	Title	Department	Location
Administrator				
Dani Documentor	dani.documentor@acme.com	Documentation Spec	Technical Documentation	Ann Arbor, MI
Dave Designer	Dave.Designer@acme.com	Designer	Engineering	Ann Arbor, Michigan
Mary Manager	mary.manager@acme.com	Engineering Manager	Engineering Management	San Francisco, CA
Sam Sales	sam.sales@acme.com	Sales Solutions	Technical Sales	Ann Arbor, MI

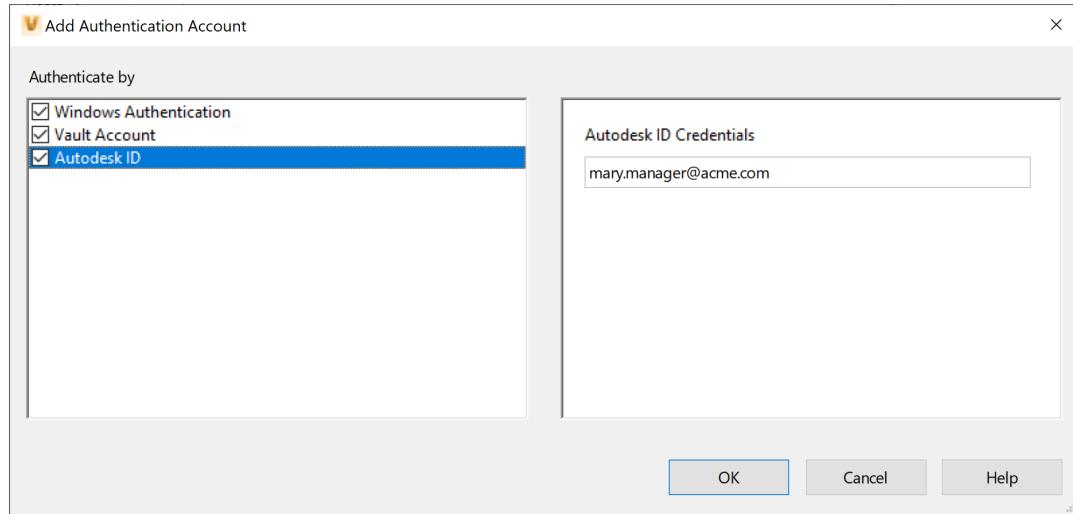
Below the application window is a Microsoft Excel spreadsheet titled 'Users.xls'. The data is identical to the table above, with columns A through F. The Excel interface includes a ribbon, a status bar at the bottom, and a 'Display Settings' button.



Enable Multiple  
Authentication Methods  
for Users

# Authentication Methods

- One account, multiple authentication methods
- Windows Authentication
  - Active Directory integration
- Vault Account
- Autodesk ID
  - Autodesk Account integration

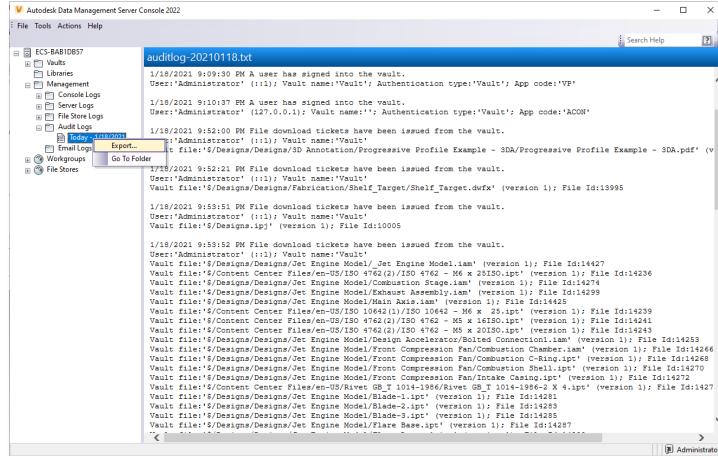


Access granted

# Audit Tracking

More audit trail capabilities for more secure environment to prove which data has been accessed by who and when

- Login tracking in Audit Log
- Track who (user) has accessed What (vault name) and when (date and time)
- Track how user authenticate and which client did the user used



```
auditlog-20210118.txt
1/18/2021 9:09:30 PM A user has signed into the vault.
User: 'Administrator' (11); Vault name:'Vault'; Authentication type:'Vault'; App code:'VP'
1/18/2021 9:10:37 PM A user has signed into the vault.
User: 'Administrator' (127.0.0.1); Vault name:''; Authentication type:'Vault'; App code:'ACON'
1/18/2021 9:52:00 PM File download tickets have been issued from the vault.
User: 'Administrator' (11); Vault name:'Vault'
1/18/2021 9:52:21 PM File download tickets have been issued from the vault.
User file: '/Designs/Designs/SD Annotation/Progressive Profile Example - SDA/Progressive Profile Example - SDA.pdf' (version 1); File Id:13995
1/18/2021 9:53:15 PM File download tickets have been issued from the vault.
User: 'Administrator' (11); Vault name:'Vault'
Vault file: '/Designs/Designs/Fabrication/Shef_Target.dwgx' (version 1); File Id:13995
1/18/2021 9:53:52 PM File download tickets have been issued from the vault.
User: 'Administrator' (11); Vault name:'Vault'
Vault file: '/Designs/Designs/Jet Engine Model.ipt' (version 1); File Id:144027
Vault file: '/Content Center Files/en-US/ISO 10642(1)/ISO 10642 - M6 x 25.1pt' (version 1); File Id:14236
Vault file: '/Designs/Designs/Jet Engine Model/Combustion Stage.ipt' (version 1); File Id:142474
Vault file: '/Designs/Designs/Jet Engine Model/Exhaust Assembly.ipt' (version 1); File Id:142492
Vault file: '/Content Center Files/en-US/ISO 10642(1)/ISO 10642 - M6 x 25.1pt' (version 1); File Id:14239
Vault file: '/Content Center Files/en-US/ISO 4762(2)/ISO 4762 - M8 x 14150.1pt' (version 1); File Id:14241
Vault file: '/Content Center Files/en-US/ISO 4762(2)/ISO 4762 - M8 x 14150.1pt' (version 1); File Id:14242
Vault file: '/Designs/Designs/Jet Engine Model/Design Accelerator/Bolted Connection1.ipt' (version 1); File Id:14253
Vault file: '/Designs/Designs/Jet Engine Model/Front Compression Fan/Combustion Chamber.ipt' (version 1); File Id:14266
Vault file: '/Designs/Designs/Jet Engine Model/Front Compression Fan/Combustion Ring.ipt' (version 1); File Id:14268
Vault file: '/Designs/Designs/Jet Engine Model/Front Compression Fan/Combustion Sector.ipt' (version 1); File Id:14270
Vault file: '/Designs/Designs/Jet Engine Model/Front Compression Fan/Intake Casing.ipt' (version 1); File Id:14272
Vault file: '/Content Center Files/en-US/Rivet GR 1014-1986/Rivet GR 1014-1986 - 4 x 4.1pt' (version 1); File Id:1427
Vault file: '/Designs/Designs/Jet Engine Model/Blade-1.ipt' (version 1); File Id:14283
Vault file: '/Designs/Designs/Jet Engine Model/Blade-3.ipt' (version 1); File Id:14285
Vault file: '/Designs/Designs/Jet Engine Model/Flame Base.ipt' (version 1); File Id:14287
```



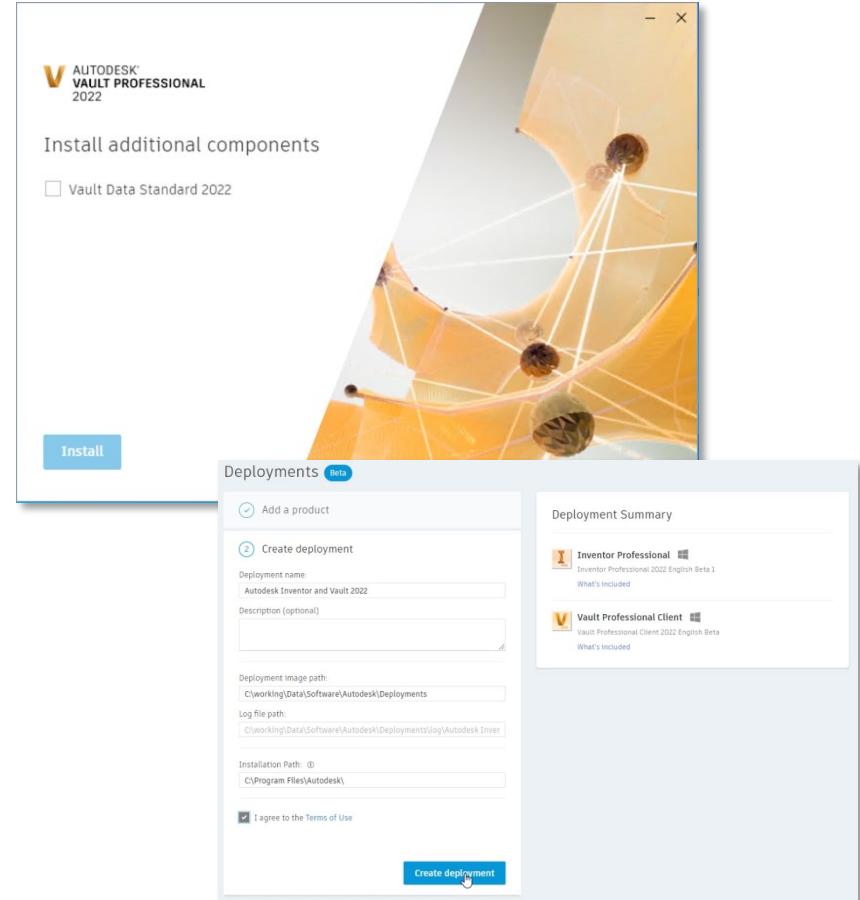
	Christine	Dave	Mike
Vault Name	Vault 1	Vault 2	Vault 8
Date & Time	1/2/2021 at 3:00 pm	1/2/2021 at 3:38 pm	1/2/2021 at 3:45 pm
Auth. Type	Win Auth	Vault Account	Autodesk ID
Client Login	Inv add-in	Vault Client	Thin Client

# New Client Installer

# New Client Installer

Easy deployment and maintenance with a simplified installer

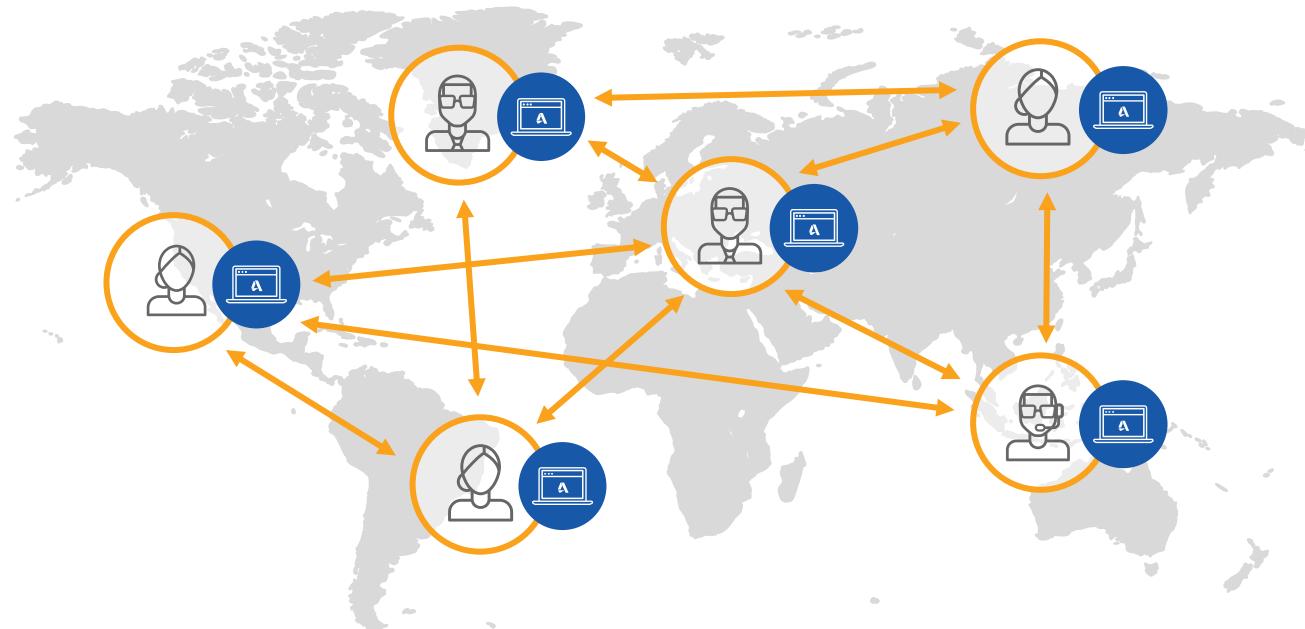
- All Vault add-ins pre-installed with Vault client installer
- Data Standard installation is one install
- Separate installer for Vault Office
- New deployment tool from Account management portal



# New Replication Technology

# Multisite Collaboration with Replication Technology

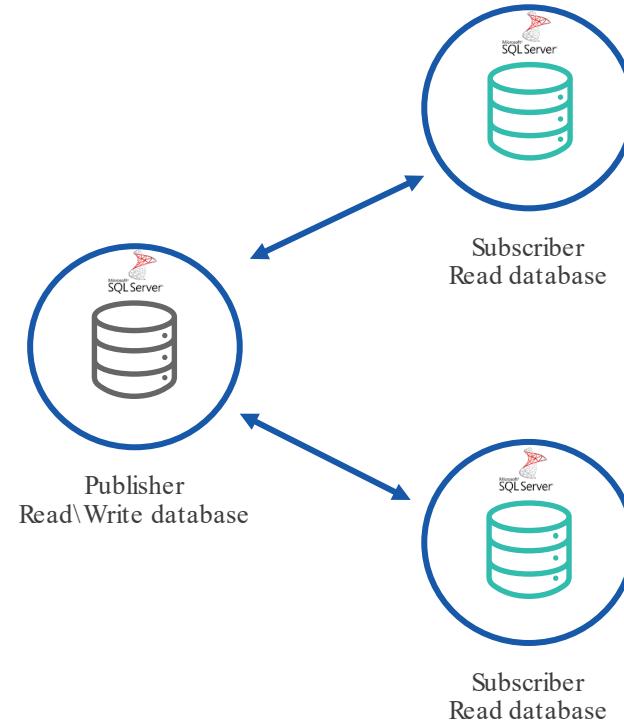
Distributed teams work collaboratively around the globe



# Replication Technology Enhancement

Simplify database replication maintenance environment and lower the total cost of ownership

- Improve usability by eliminating the need for object Ownership
- Improve replication stability & reliability
- File Replication unchanged



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