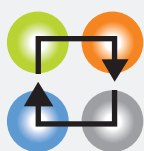


# Directory Synchronization Management



GroupID  
**Synchronize**

## Accurate Data in Active Directory

GroupID Synchronize allows you to maintain accurate data in Microsoft Active Directory by provisioning, de-provisioning and synchronizing changes from any other data source. GroupID Synchronize provides significant milestone wins in Identity Management projects by delivering meta-directory benefits from existing investments in Active Directory. GroupID Synchronize turns Active Directory into an authoritative repository for identity information by synchronizing databases and identity stores with Active Directory. By utilizing transforms (scripting) in the product, Synchronize provides the capability for provisioning and de-provisioning, and can map business processes to automation. Synchronize is simple to use and can be up and running within hours.

## Security Benefits of Provisioning/De-Provisioning

According to a recent survey by Osterman Research, in the average organization, IT doesn't know to de-provision an account for 9 days after a user has left the organization. And, on average, 5% of the users in Active Directory are no longer employed by the organization. This is a security flaw. GroupID Synchronize reduces that 9 days to near real-time. And, assuming that the authoritative HR source is accurate, GroupID Synchronize removes those 5% that are no longer employed.

*"We wanted a solution that could deliver rapid benefits promised by the thicker identity management solutions without all the hardware, database and cost requirements," "Imanami was the only company that met all of our requirements".*

*Mike Ruman  
Enterprise Message Manager  
Grant Thornton*

Those same issues occur in the inverse for a new employee. If IT doesn't know to provision a new account for 9 days, what is that employee doing? Probably nothing on a computer.

## Internal Turnover

Another issue is internal turnover. The same survey reported that on average 19% of employees change job responsibilities in a given year. All of that information needs to be put into Active Directory: new job title, new location, new billing codes and on and on. By utilizing GroupID Synchronize you can get the information into AD or any other important system such as your financial system, CRM, and others.

## Pertinence to Group Management

Accurate data is essential to properly automating group membership. GroupID Automate will ensure that a user is in the correct group if the user's data (department, title, location) is correct. GroupID Synchronize will make sure that data is correct. This enhances security and productivity. Consider the de-provisioning example above. Even if you don't de-provision the user immediately, taking them out of all security groups will basically ensure that they do not have access to any systems, effectively giving you a double-pronged approach to security for ex-employees.

## How Does Group ID Synchronize Do It?

GroupID Synchronize is a bi-directional synchronization engine. Utilizing a very intuitive GUI to build scripts, you can create jobs to provision, de-provision or Synchronize multiple data sources. Picture Active Directory being your hub and becoming the accurate source for all data. Synchronize directly connects two data sources through a job. It does not use or require a staging area or meta directory. A job defines the connection information needed to access each data source, how the data is related and how the data should flow.

## All New Console

The GroupID Synchronize Console gives you a bird's eye view of all your GroupID Synchronize jobs including information on when they will run, when they last run, how many objects were updated, created, deleted or unchanged. Through the console you can manage your existing jobs, create new jobs, delete jobs, even preview changes a job would make to the target directory.

## Scripting

Scripting provides a means to extending the built-in functionality of GroupID Synchronize to meet your business logic needs. Use script transforms to combine or format fields, create user names by formula, code translations from one encoding to another, or to create a descriptive text. Script can even be used to route new users/contacts to the appropriate container.

In GroupID Synchronize, scripting capabilities have been expanded to provide more scriptable events. This means you can write script that executes only when an object is updated, or deleted, or even just before it is created. You can use these events to write script that perform other functions, like sending an email notification to a manager when a new user is created, or enabling an Active Directory User account for use with Live Communications Server. Combine this ability with the new PowerTools feature in GroupID Synchronize and the possibilities are endless!

## Preview Changes

See what will happen before it happens using GroupID Synchronize's new Preview feature.

The Preview function runs the job but without modifying the destination. It then displays a summary of how many records would be updated, unchanged, created, deleted, or error out. You can even drill down to find out the before and after values of the modified objects.

Once you are satisfied with the results, click Run to commit your changes to the destination.

## Multiple Data Source Support

Support for several data sources including:

- Microsoft Access - New Source & Destination!
- Sun ONE Directory Server / iPlanet (LDAP) - New Destination!
- Oracle - New Destination!
- Microsoft Active Directory with Exchange 2003/2000
- Microsoft Exchange 5.5
- Microsoft Excel
- Text Files including CSV
- Adacel View500 (LDAP)
- Lotus Notes (LDAP)
- Novell Directory Services (LDAP)
- Microsoft SQL Server
- Any LDAP Version 3.0 compliant data source
- Any ODBC compliant data source

## Email Notification

Now you can receive an email notification when a job runs. The notification includes whether the job succeeded or not, how many records were changed and the log file as an attachment.

## Job Histories

See the history of the job over time. See how many objects were created, updated, unchanged, or deleted. A graphical view is also provided.

## PowerTools

Need to update multiple systems from one job? How about sending notification when a new user is created or deleted? GroupID Synchronize Power Tools are an add-in from Imanami Professional Services that allow you to extend the power of GroupID Synchronize almost infinitely. You define your business process - let GroupID Synchronize automate it.



## System Requirements

### Operating System

Microsoft Windows XP Professional  
Microsoft Windows Server 2003 Family

### Import Data Sources

Microsoft Exchange Server 5.5 with Service Pack 4 or higher  
Microsoft Active Directory  
Microsoft AD with Exchange Server 2000  
Microsoft AD with Exchange Server 2003  
Microsoft AD with Exchange Server 2007  
Microsoft AD with Exchange Server 2010  
Microsoft SQL Server 2000,2005, 2008  
Microsoft Access  
Microsoft Excel  
Oracle 8 or higher  
Lotus Notes  
Novell Directory Services  
Adacel View500  
SunONE / iPlanet  
LDAP Version 3.0  
Text File  
Any ODBC compliant data source

### Hardware Recommended

2GHz Pentium IV or higher  
2GB RAM or higher  
100MB or more of hard drive space available for execution

## About Imanami

Imanami develops software that delivers Point Solutions for Identity Management. We focus on the high value milestones that you can realistically accomplish today and provide the quick wins, meaningful ROI and increased end user satisfaction that helps ensure internal company support for your IdM rollout.

### Trial Software

30 Day Evaluation version at:  
[www.imanami.com/download](http://www.imanami.com/download)

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