

## Firm for Lotus Domino

### *Automate, Integrate and Delegate Domino Administration*

The award-winning Federated Identity & Resource Manager (Firm) from HADSL allows you to:

- Automate most of your Lotus Domino administrative processes
- Integrate Domino Administration with other Domino processes as well as Active Directory.
- Delegate administrative tasks to trusted business users, without distributing certifiers, passwords, or increasing their access to your environment.

#### Federated Management

- Delegate User and Group Management
- Regain Control of your Domino Environment
- Automate Domino Identity and Resource Management
- Monitor Domino Application Usage
- Manage MS Active Directory
- Lower your Domino infrastructure running costs

This leads to significant TCO reduction:

- Cut waiting time for administrative actions
- Secure your domino environment
- Free you from the burden of day-to-day administration
- Enforce consistency and business practices by pre-specifying administrative standards in advance
- Audit every single administrative task and, optionally, create billing information
- At the end of a Firm installation, only senior administrators have more than reader access to your Directory
- Manage one or more Lotus Domino domains from one simple interface

### Overview & Architecture

Firm delivers a “proxy” administration subsystem to your Lotus Domino environment. You set up standard Firm Profiles for transactions and then choose who in your environment can perform those actions, and on which group of users. Groups are linked to profiles that govern how they are managed.

Firm is a suite of Lotus Domino databases, hosted on your Domino Administration server. Hosting Firm on clustered servers allows complete application failover. The users interact with four of these databases - which can be replicated as normal throughout your Domino environment.

All Certifiers, User IDs and Passwords are held in separate encrypted repositories, using Domino security features. However, encryption certificates do not need to be distributed to users.

### Easy to Use

Firm has been designed from the beginning to be easy to install, easy to configure, and easy to use. A basic installation and initial configuration can have Firm up and running in your environment within an hour, giving immediate benefit to the administration team.

**User experience**

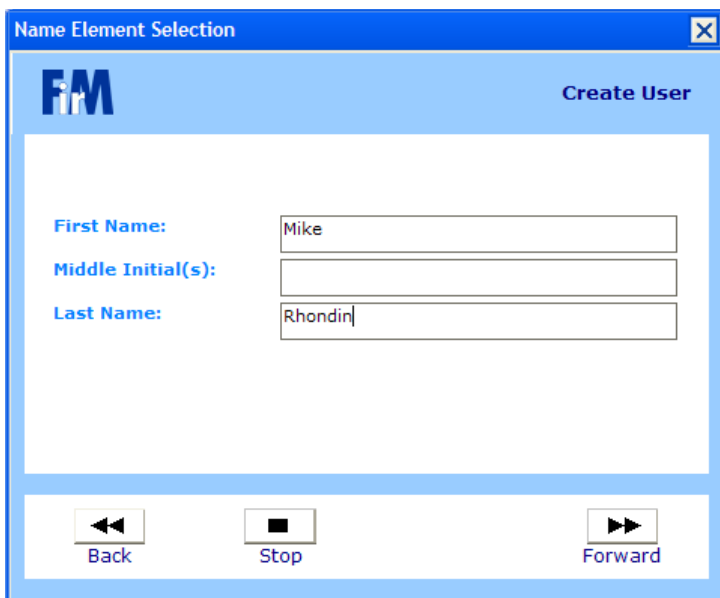
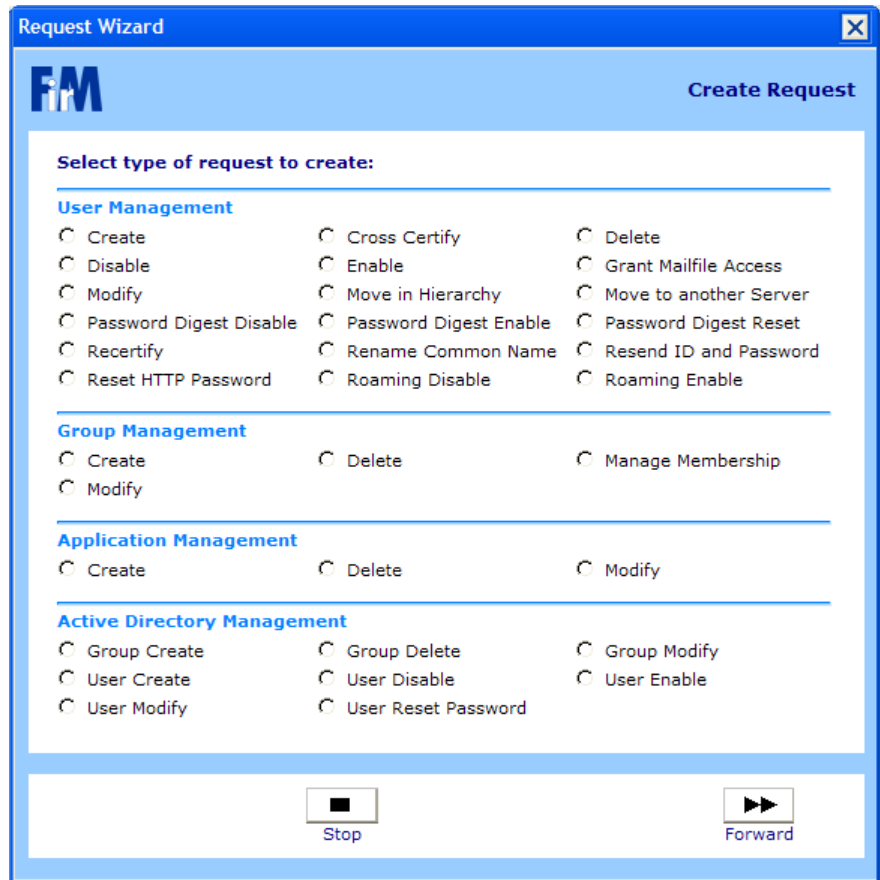
FirM is a suite of standard Lotus Domino databases - no executables or additional libraries to install, no additional software to configure.

It runs on all Notes client versions from v5.0.8 through to ND7, on both Windows and Macintosh clients.

A complete web client interface was introduced in version 2.1.01

Each user can only see the transactions and perform the operations that you have permitted them to use.

Even though FirM employs secure, encrypted storage for certifier files, user IDs and passwords, no encryption keys need to be distributed.



Users are only prompted for information that they can provide.

For instance, on a user-create operation, the Lotus Domino administration client requires you to know about 120 separate pieces of information.

By using FirM, you can pre-specify the majority of this information, and only ask the user for the unique or variable parts.

Depending upon how you have configured the profiles, FirM can reduce the pieces of information required to create a new user to just three: where are they, what do they do, and what is their name.

**User Transactions:**

**User Create**

- Full load-balancing between target mail servers, full cluster file creation.
- Automatic User ID and password distribution.
- A configurable welcome message.
- Create Password Digests.
- Enable the user to "Roam".
- Create an Active Directory account.

**User Delete**

- Immediate disable of user.
- Mail file "move" to an archive server.
- Delegate mail file to another user.
- Cluster database removal.
- Details kept to enable restore if necessary

**User Enable, Disable**

- Allow delegated users to grant and remove Domino access in a safe, controlled, audited manner.

**User Modify**

- Allow the maintenance of specified user Person Document fields.

**User Move in Hierarchy**

- Perform a completely automated recertification of the user without any administrator intervention.

**User Rename common Name**

- Perform a completely automated rename of the users common name without any administrator intervention.

**User Mail File Delegate Access**

- Allow secure, logged delegation of user mail files for defined periods of time.

**Plus many more...**

- Password Digest enable, disable & reset
- Roaming enable & disable
- HTTP Password reset
- User move mail server
- User recertification
- Resend stored copies of ID & password

**Group transactions:**

**Group Create**

- Delegated users can create new groups.
- They choose a profile for the new group.
- Specify business information such as group's name, the ownership & management lists.
- FirM calculates the actual group name according to naming standards in the profile.
- Initial group membership can be specified

**Group Modify**

- Group Owners and Managers can modify information for their groups.
- Rename the group.
- Change group description.
- Modify Ownership & management lists.

**Group Delete**

- Copy of group is retained and can be restored to the Domino Directory.

**Group Manage Members**

- Group Owners, Managers and Administrators can add and remove members from their groups.
- Groups automatically split into subgroups when membership grows past size limits.
- Group membership is restricted to types allowed by the Group Profile.

What entries are permitted in this group?		
SMTP Addresses:	<input checked="" type="radio"/> Allow <input type="radio"/> Deny	
Notes/Domino Users:	<input checked="" type="radio"/> Allow <input type="radio"/> Deny	
Servers:	<input type="radio"/> Allow <input checked="" type="radio"/> Deny	
Mail-in Databases:	<input type="radio"/> Allow <input checked="" type="radio"/> Deny	
Mail Groups:	<input checked="" type="radio"/> Allow <input type="radio"/> Deny	
ACL Groups:	<input checked="" type="radio"/> Allow <input type="radio"/> Deny	
Multi-Purpose Groups:	<input checked="" type="radio"/> Allow <input type="radio"/> Deny	
Deny-Access Groups:	<input type="radio"/> Allow <input checked="" type="radio"/> Deny	
Server Groups:	<input type="radio"/> Allow <input checked="" type="radio"/> Deny	
Cross-Domain Membership:	<input checked="" type="radio"/> Allow <input type="radio"/> Deny	

**Application transactions:**

**Application Create**

- Create a domino application using pre-specified templates
- Populate the ACL.
- Select the target server
- Select servers for its other replicas
- Delegate management of this application to others
- Create a mail-in database record for this application

**Application Modify**

- Modify ACL, owner information

**Application Delete**

- Remove the application and all replicas from the Domino environment

**Active Directory transactions:**

**AD User Create**

- Full control over the user naming conventions in Active Directory
- Full uniqueness checking
- Pre-specification of AD container
- Pre-specification of AD Attributes to be set in the user
- Creation of User Home Directory via MSI script, allowing optional pre-filling of user home directory with standard files and directories

**AD User Modify**

- Modify the user object in Active Directory

**AD User Enable, Disable**

- Enable and disable the user in Active Directory

**AD User Reset Password**

- Set the users password

**AD Group Create**

- Create a new Active Directory group

**AD Group Modify**

- Modify group properties within Active Directory and add/remove AD elements from the group member list

**AD Group Delete**

- Remove the Active Directory group.

**Blackberry transactions:**

**Blackberry Provision**

- Associate a user with a handset.

**Blackberry Delete**

- Delete an association between a user and a handset.

**Blackberry Disable**

- Temporarily disable a users BlackBerry handset.

**Blackberry Enable**

- Enable a users BlackBerry handset (after a Disable operation).

**Blackberry Change Password**

- Change a users BlackBerry handset password.

**Contact us to find out how to make better use of your time.**

For contact information, visit [www.hadsl.com](http://www.hadsl.com) or email at [sales@hadsl.com](mailto:sales@hadsl.com).