

November 16, 2021

Re: Integrating your LDAP user groups with your SRX-Pro Server

To all of our customers and partners;

For the security of your system, i3 International highly recommends utilizing LDAP user management in the installations where multiple users have access to the SRX-Pro Server/Service application. LDAP user profile groups are linked to the SRX-Pro user groups for easy and efficient SRX-Pro permissions control.

LDAP integration with SRX-Pro Server adapts your company's currently implemented user policies including password changing frequency. By utilizing LDAP integration, individual user accounts are added, removed and modified at the LDAP level without having to log into the SRX-Pro setup, so long as the user belongs to the existing LDAP security group linked to one of the SRX-Pro user groups. By integrating your company's LDAP with your SRX-Pro Server, you can ensure that when a former employee's account is disabled by the IT administrator in LDAP, their access to the SRX-Pro Server/Service is also revoked.

This bulletin outlines the step-by-step process of integrating your LDAP user groups with your SRX-Pro Server/Service.

Requirements:

- LDAP-enabled server
- Users, Groups and Organization created in LDAP
- Clients that are able to bind to the LDAP server
- Direct Connectivity to the LDAP server

i3-Recommended User Access Levels:

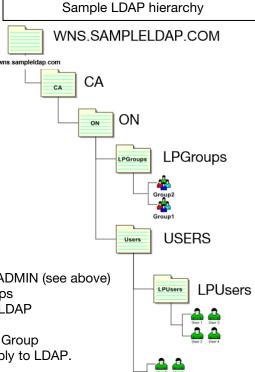
- USER Live, Search, and PTZ control ONLY
- MANAGER User permissions + Backup
- SYSTEM ADMIN/INTEGRATOR Complete permissions

General Instructions:

To integrate your LDAP user groups with SRX-Pro Server you will need to:

- Create Security Groups on the LDAP host server.

 2 recommends creating at least 2 years levels; USER, M.
 - i3 recommends creating at least 3 user levels: USER, MANAGER and ADMIN (see above)
- 2. In SRX-Pro Setup, User Management, create corresponding user groups
- 3. In SRX-Pro Setup, User Management, enable LDAP by filling out your LDAP server credentials
- 4. Link each SRX-Pro User Group with the corresponding LDAP Security Group
- 5. Configure SRX-Pro permissions for each SRX-Pro User Group and Apply to LDAP.



13 INTERNATIONAL TECHNICAL BULLETIN

211116-SW-01

CONTACT US

www.i3international.com

Toll free: 1.866.840.0004 Tel: 416.261.2266 Fax: 416.759.7776 CANADA

i3 International Inc.

780 Birchmount Rd, Unit 16 Toronto, Ontario M1K 5H4, Canada USA

i3 America (Nevada) Inc.

4001 Cobb International Boulevard, Kennesaw, GA 30152



Step-by-step Instructions:

To integrate your LDAP user groups with SRX-Pro Server you will need to:

- 1. Create Profile (security) groups on the LDAP host server. i3 recommends creating at least 3 user levels: USER, MANAGER and ADMINISTRATOR.
- 2. Log into SRX-Pro Setup as "i3admin" or another administrator user with complete permissions.
- 3. Go to Server > User management > User groups



+ ADD GROUP

6. Repeat steps 4-5 until all user groups have been created.

i3-recommended permission configuration for USER access level

Setup > Servers: Disable ALL Setup > Cameras: Disable ALL Setup > Other: Disable ALL

Live - Search - Backup: Disable Backup

Live - Search - Backup: Enable Live, PTZ, Quick Search, Search

i3-recommended permission configuration for MANAGER access level

Setup > Servers: Disable ALL Setup > Cameras: Disable ALL Setup > Other: Disable ALL

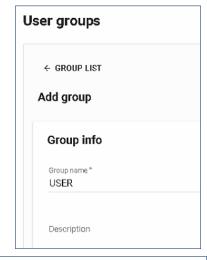
Live - Search - Backup: Enable ALL

i3-recommended permission configuration for ADMIN access level

Setup > Servers: Enable ALL Setup > Cameras: Enable ALL Setup > Other: Enable ALL

Live - Search - Backup: Enable ALL

7. After new user groups have been configured and added in SRX-Pro User Management tab, the user group list will look similar to this sample.



+ A	DD GROUP LDAP		
No.	Group name	Number of users	Description
1	ADMIN	0	
2	MANAGER	0	
3	USER	0	
4	CMS	0	System default gro
5	Idle	1	System default gro
6	Administrator	1	System default gro

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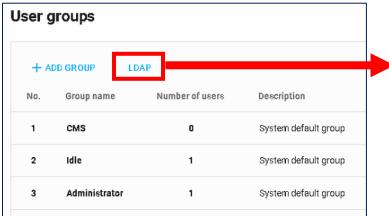
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4001 Cobb International Boulevard, Kennesaw, GA 30152



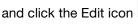
8. Click the **LDAP** button. In the LDAP Credentials window, check **Enable**.

9. Configure LDAP credentials for your LDAP host.



LDAP credentials explained

- Authentication Type: Select Active Directory or Open LDAP / Fedora depending on the type of user directory being used on your LDAP host server.
- LDAP Server: IP address of the host Server where LDAP resides
- Port: Port used by LDAP (389 default or 636)
- User Name: Domain user for authentication
- Password: Domain user password for authentication
- **Group DN**: Group binding path (used to create the profiles and authenticate against)
- **User DN**: User binding path (use for login into server)
- Security: Turn SSL security ON or OFF
- Sync Interval: Refresh rate (in minutes) of LDAP groups
- 10. After entering LDAP credentials, click the **Test** button. If the test connection has been successful, click **Save**.
- 11. In the User groups, hover over one of the custom user groups





13. Repeat Steps 11-12 for all custom user groups.

Please contact technical support if you have any questions or issues.

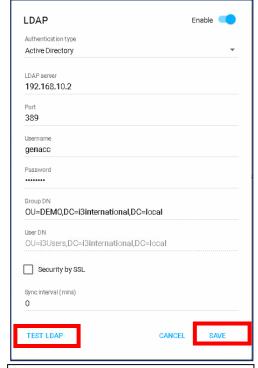
Email: support@i3international.com

Tel.: 1.877.877.7241

Live Chat: https://i3international.com

i3 International Inc. Technical Support and Services

Sample LDAP credentials. Enter your own.



Common definitions:

OU - Organizational Unit-Name

DC - Domain Controller

CN - Common Name

DN – Distinguish Name (full hierarchical path to the object)

Three types of Object Classes

- User
- Organizational Unit
- Domain



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