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## R&D TECHNOTE

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## Subject: Active Directory Users

### Summary

This technote shows how to use Active Directory with the existing *Users* feature. It assumes the reader is already familiar with using the *Users* feature.

Until now users were tracked and authenticated by internally by cardPresso. Now with this new feature it is possible to add users that are authenticated using Active Directory, allowing users to authenticate in cardPresso with the same credentials that are used in Windows.



*Button in Welcome screen used to access the Users feature*

### Notes

The feature is only available for **XXL** licenses.

The connection to Active Directory is read-only, the data will never be modified or deleted on the server side.

This feature makes use of Windows libraries to communicate with Active Directory servers, and as such it is only available on Windows.

The connection to the Active Directory is done securely with SSL.

### New User Options

The user feature now has three additional options, "Link active directory user", "Unlink active directory user", and "Active directory settings".

These new options are available both as buttons, and in the "Users" drop-down menu, located between the users and groups sections.

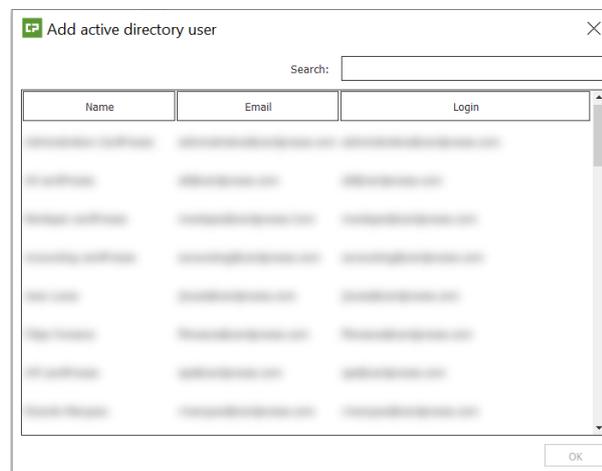


*The three new buttons related to AD (middle)*

## Link active directory user

This will add a new user that will use Active Directory for authentication.

A new window will appear with a list of users<sup>1</sup> found in the Active Directory.



*Dialog to select an Active Directory user*

This window allows searching and selecting a user to be added to cardPresso's users, where they can be attributed roles and permissions.

The search looks for the case sensitive value in any of the displayed columns.

After selecting a user and pressing "OK", the information of the new user will be displayed in the side bar, as it would for a regular new user.

The difference here between adding a regular user and an AD user is that a regular user must specify their login and password, while an AD user already has that defined.

It is necessary to press "Save" to effectively add the user, just like for a new regular user.

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<sup>1</sup> Using the LDAP filter (objectClass=user) and ignoring objects whose required properties are empty. Required properties are: displayName, mail, userPrincipalName, objectGUID

## Unlink active directory user

This allows removing an Active Directory user from cardPresso's users.

This will **not** delete the user in the Active Directory server, as stated before the connection to the server is read-only and there's no modification or deletion occurring in the server.

The user can be added again to cardPresso but any role and permission they had before being deleted will be missing and must be reconfigured again.

## Active directory settings

This opens a window that allows specifying the URI of the Active Directory server to connect to.

If left empty, cardPresso will use the computer's default Active Directory server.

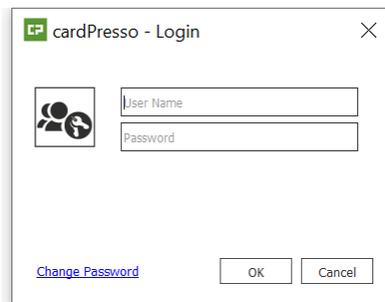
## Login

The login dialog still works with regular cardPresso users as before, but now also accepts added Active Directory users.

To login to an added Active Directory user, input the user's email in the username field (as shown on the "login" field of the user's properties in cardPresso), and in the password field input the user's password as used in Windows login.

Only Active Directory users that have been previously added to cardPresso's users can login, it is not possible to login with the credentials of an Active Directory user that is not present in cardPresso's user list.

If the username and password fields are left empty, the user is authenticated as the current active Windows user.



*Login dialog*