

# VANDERBILT

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# comnet

ACTpro and VCredential Integration

ACRE® Brands

Implemented in ACTpro 3.2.0.x and later is the integration of VCredential. This integration requires an internet connection via which ACTpro will communicate to the VCredential service.

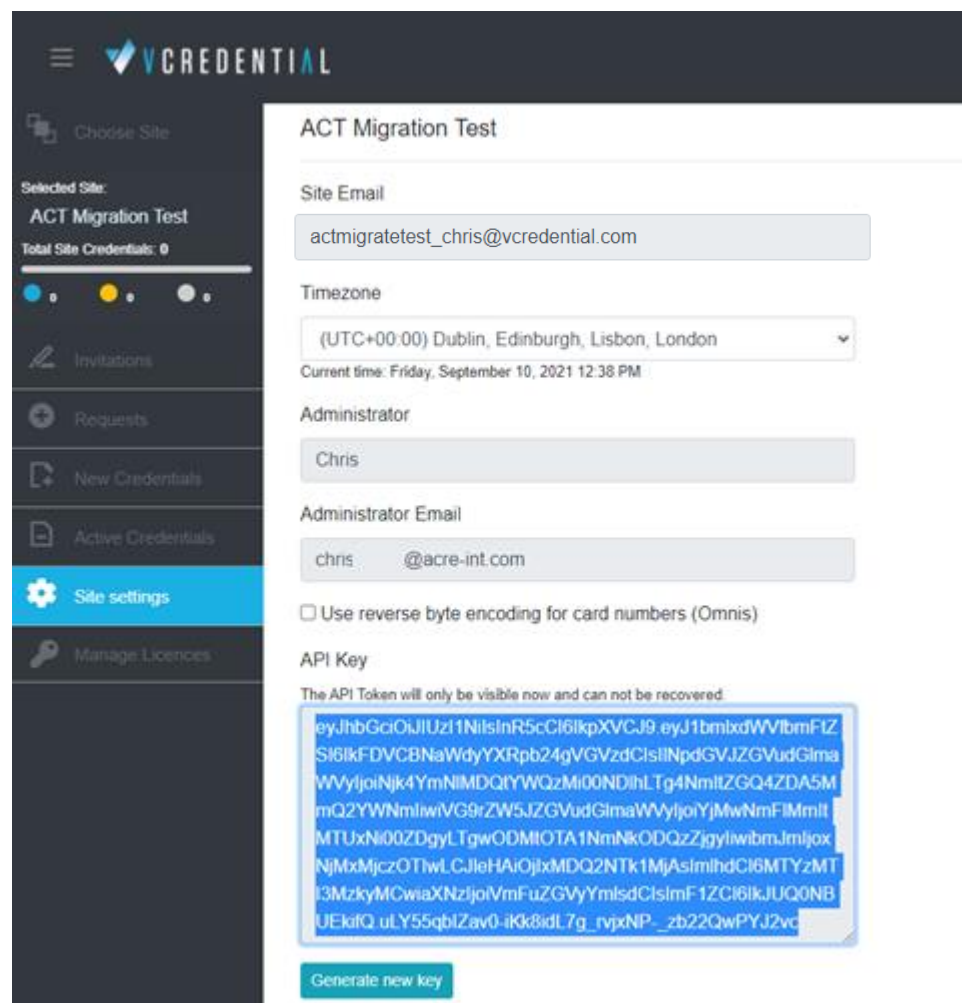
In case of an offline system, it is still possible to issue and manage Bluetooth credentials, however this will be a manual exercise where the card number is entered in to ACTpro, as it appears in the VCredential platform.

Users who already have a Bluetooth credential in ACTpro can be migrated to the new way of handling by a simple sync with VCredential.





**Synchronising to ACTpro**

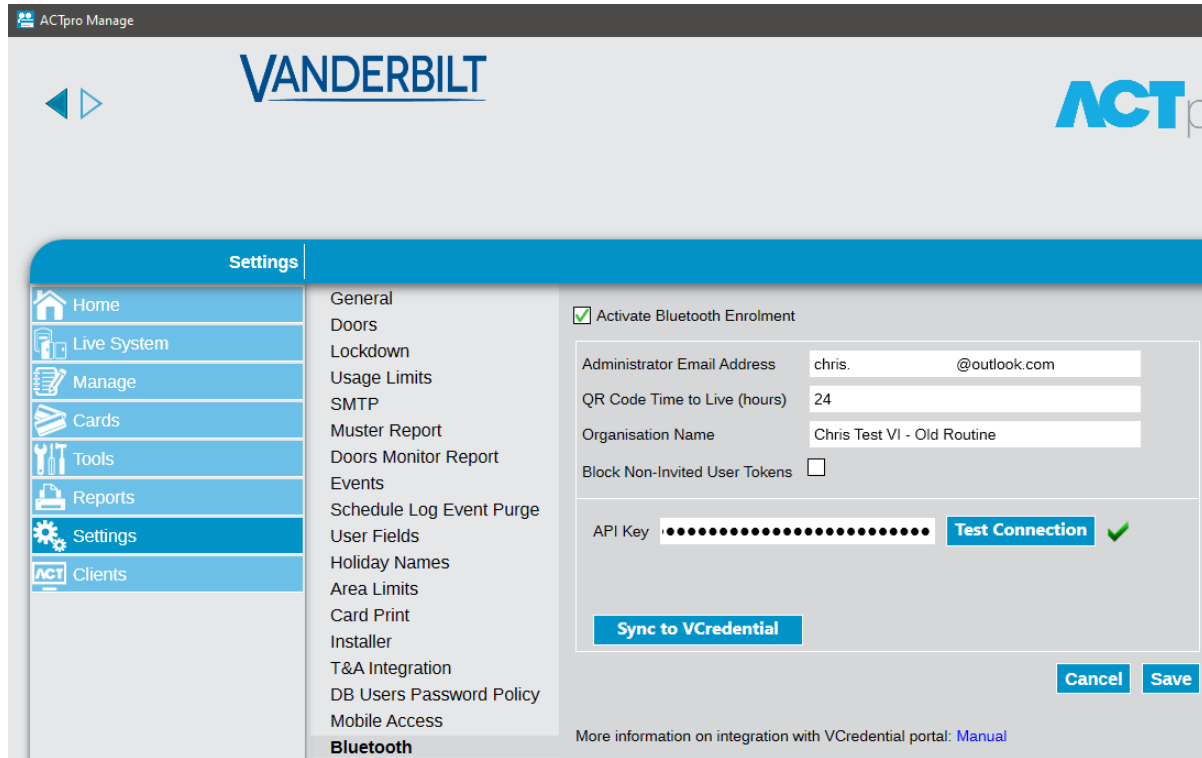


Step 1 - Create your VCredential account\* and take a note of the API Key.

**Note** – Due to the length of the API key it's recommended to Copy/Paste in to a Notepad document and save securely.

**Note2** – Once saved, the API key will no longer be viewable again, and if lost a new one will need to be created.

\* VCredential Portal has it's own documentation on how to create an account and corresponding sites etc.

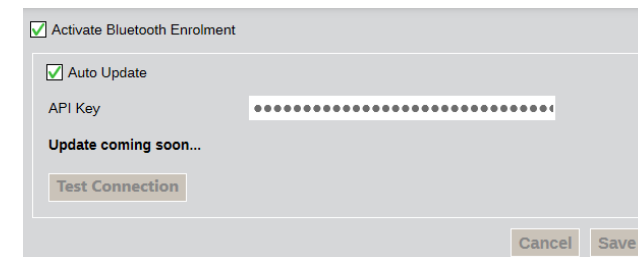


## ACTpro Manage>Settings>Bluetooth

Paste the API Key from VCredential in to the Bluetooth settings menu in ACT Manage.

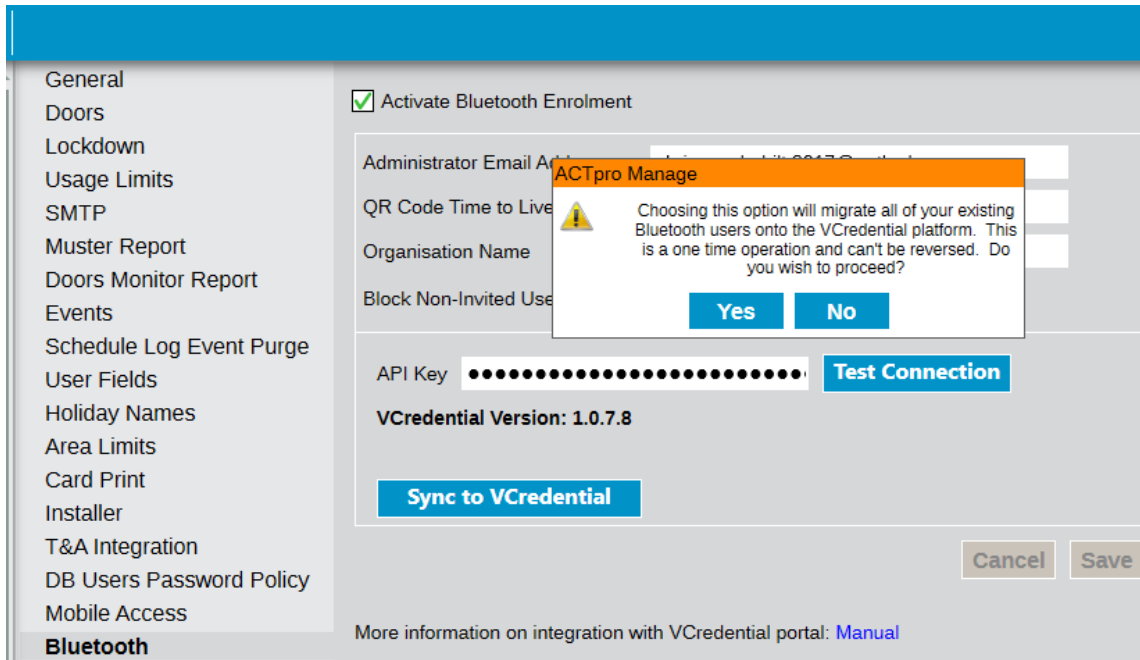
Hit “Test Connection” to verify communication to the VCredential Portal is present.

The “Sync to VCredential” button will only become available after API key is entered.



**NOTE** - Prior to the VCredential Phase 2 portal release, the system will display “Update coming soon”.

At this time credentials will still be handled as per the original QR code methodology.



## ACTpro Manage>Settings>Bluetooth

If you choose to Sync to VCredential then a warning will be shown – This is a one-time process and is not reversible.

**When credentials are migrated they cannot then be moved back in to ACTpro.**

No	Name	Email	Card Number	Failure Reason
2	Chris Evans	chris. @gmail.com	2802186	Card slot 3 is unavailable
8	Liam T	liamtwyman@vanderbiltindustries.com	456987	
11	The Joker	christevans@vanderbiltindustries.com	1934099	
3	Wonder Woman	wonder@wonder.com	2802177	
4	Ruby Rose	ruby.rose@vanderbiltindustries.com	999654	

## ACTpro Manage>Settings>Bluetooth

An error check will be carried out in the software, to ensure there will be no issues migrating. If there is an issue, it will be shown under the “Failure Reason” and it must be fixed before the sync process can proceed.

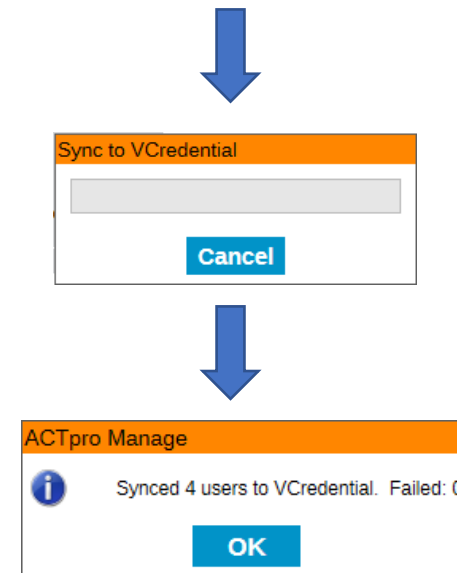
**In this example, the card number under “Card 3” must be removed, as Card 3 is used for the number issued by VCredential.**

No	Name	Email	Card Number	Failure Reason
2	Chris Evans	chris. @gmail.com	2802186	
8	Liam T	liamtwyman@vanderbiltindustries.com	456987	
11	The Joker	chrisevans@vanderbiltindustries.com	1934099	
3	Wonder Woman	wonder@woman.com	2802177	
4	Ruby Rose	ruby.rose@vanderbiltindustries.com	999654	

## ACTpro Manage>Settings>Bluetooth

With the fault now rectified, it's possible to proceed.

Clicking "Proceed" will initiate the migration of the data to the VCredential Portal.



**NOTE** - If the process was successful, you will see a confirmation of what was synced to VCredential.



# VCredential – Invitations

VCREDENTIAL

Choose Site

Selected Site: ACT Migration Test

Total Site Credentials: 65,535

0 4 65,531

Invitations

Requests

New Credentials

Active Credentials

Site settings

Manage Licences

Send new invitation

Search for... Search Clear

eMail	User name	Invitation sent	Received request
chris. @gmail.com	Chris Evans	Tuesday, September 21, 2021	
liamtwyman@vanderbiltindustries.com	Liam T	Tuesday, September 21, 2021	
christevans@vanderbiltindustries.com	The Joker	Tuesday, September 21, 2021	
wonder@woman.com	Wonder Woman	Tuesday, September 21, 2021	

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## VCredential.com

As part of the migration process, all existing users will need to activate a new credential, ideally this should be planned in advance – It's recommended to schedule a specific time to carry out the migration and warn the users accordingly.

Once the sync is complete, the imported credentials should now be visible in the VCredential portal, under "Invitations".

At the same time, the portal will now e-mail all users with an invite to create a new credential, following the new activation process.

**NOTE** – No further action is required in the VCredential portal, and the ACTpro software should be used to manage credentials.

Manage your Licences

Add a Licence Key

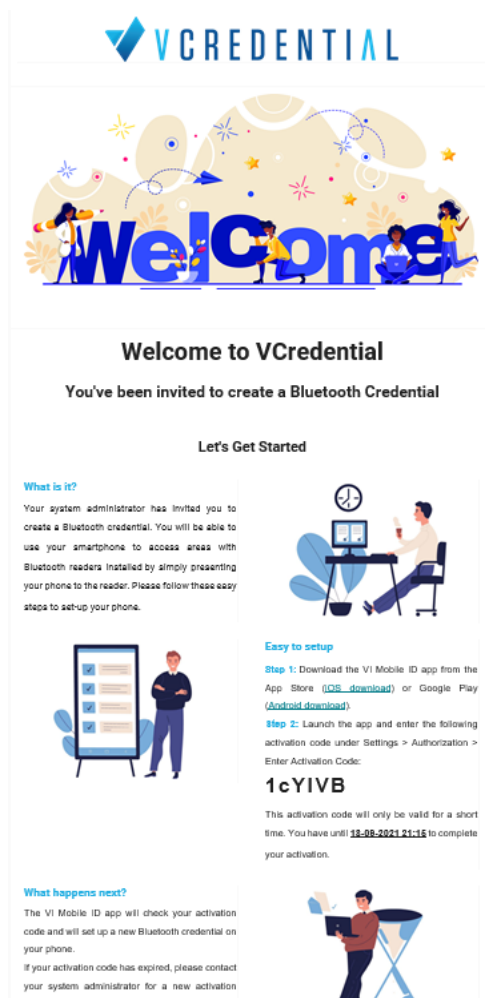
Licences applied to this site

Credentials	Licence Key	Added	
65,535	G4P7J-M3L4J-XXXX-XXXX-XXXX	21 Sep 21	Licence in use

Existing Bluetooth licenses in ACTpro are valid as part of this migration.

In addition to synchronising the Bluetooth credential users, the sync will also import the Bluetooth credential license from ACTpro.

The license will be decremented by the number of users that have been imported.



## Invite E-mail

Even though users may already have a credential “live” on their devices, they will need to re-authorise, using the new method.

Firstly, in the VI Mobile ID app, navigate to **Authorization>Deactivate** to de-activate the old credential.

Secondly, follow the new method contained in the welcome e-mail.

An “Activation Code” must be entered in the **Authorization> Enter Activation Code** section of the VI Mobile ID app.

**Note** – If users do not “re-authorise” via the new procedure, their credentials cannot be managed through the new integrated solution.

# ACTpro – Bluetooth user status

Warning: None of the 8 enabled doors are connected

No	Name	Enabled	Valid	Biometrics	Bluetooth	Group	Card Number
1	Grim Reaper		✓			Full Access Group	2802185
2	Chris Evans	✓	✓		Active	Full Access Group	2802186
3	Wonder Woman		✓		Invite sent	Full Access Group	2802177
4	Ruby Rose	✓				Full Access Group	999654
5	S Marmy	✓	✓			Full Access Group	2802178
8	Liam T	✓	✓		Invite sent	Full Access Group	456987
9	Doris Day	✓	✓			Restricted Access	0
10	Joanne Smith	✓	✓			Full Access Group	1934094
11	The Joker	✓	✓		Invite sent	Full Access Group	1934099
12	tenant 1	✓	✓			Full Access Group	0
13	tenant 2	✓	✓			Full Access Group	0
14	QR500 Test	✓	✓			Full Access Group	1000
15	ten 1234	✓	✓			Full Access Group	0
16	Harley Quinn Caravan One	✓	✓			Caravan One	2471485
17	Iron Man Caravan One	✓	✓			Caravan One	1934100
18	Big Hero Caravan One	✓	✓			Caravan One	2215401
19	Hiro Hamada Caravan Two	✓	✓			Caravan Two	1934098
20	Aqua Man Caravan Two	✓	✓			Caravan Two	1934091
21	Mr Deadpool Caravan Two	✓	✓			Caravan Two	2802184
22	Mr Expiry	✓	✓			Full Access Group	454612
23	Authenticard KS200 - 610851	✓	✓			Full Access Group	610851
25	Ruddie Gerriet	✓	✓			Full Access Group	12153
26	James Hargrave	✓	✓			Full Access Group	38803
27	Silvan Lorait	✓	✓			Full Access Group	14889
28	James Hargrave	✓	✓			Full Access Group	12552

## ACTpro Manage>Users

Once integrated, Bluetooth credential statuses can be seen via the Users screen in ACTManage.

**Note** – Once integrated with VCredential, all further credential related actions must be driven from the **ACTpro front end** to maintain the sync'd status.



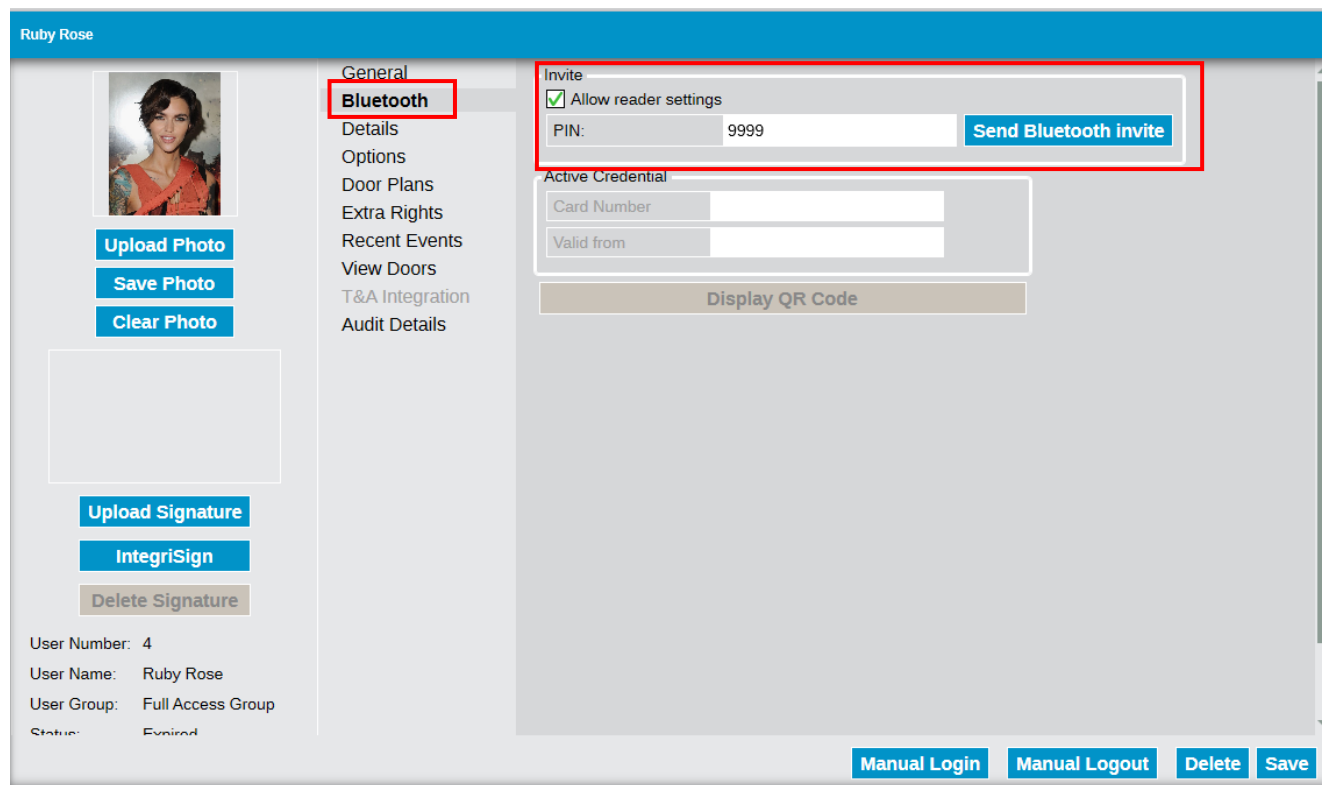
**Inviting Bluetooth users from ACTpro**

Once VCredential and ACTpro have been linked via the API, all further user and credential management should be carried out from the ACTpro interface.

## ACTpro Manage>Users>\*User\*

For “normal” Bluetooth credential users, they can be invited through the front page of the User screen.

**NOTE** – An e-mail address is a mandatory field for any Bluetooth credential users.



## ACTpro Manage>Users>\*User\*>Bluetooth

In some exception cases, there may be a requirement to have users who can change the Bluetooth reader settings.

In these instances the invite must be handled from the Bluetooth tab, and “Allow reader settings” ticked, and a PIN assigned.

After this point, the request is handled as normal, with the user having to follow the standard activation procedure.



**Transferring a credential**



# ACTpro – Transfer a credential to a new phone

The screenshot displays the user management interface for Chris Evans. The 'General' tab is active, showing user details and card management options. A red box highlights the 'Transfer Credential' icon in the 'Cards and PIN' section.

Field	Value
User Number	2
First Name	Chris
Last Name	Evans
Email	chris .XXXXXXXX @gmail.co
Mobile	
User Group	Full Access Group
Enabled	<input checked="" type="checkbox"/>
Card 1 (One-To-One)	Not Set
Card 3 (Bluetooth)	2802186
Card 4 (NPR/LPR)	Not Set
Card 5 (Biometric ID)	Not Set
PIN	*****
Validity Period From	16/03/2021 00 : 00
Validity Period To	14/12/2050 00 : 00
Sites	<input type="checkbox"/> Tenant 1

## ACTpro Manage>Users>\*User\*>General

If a user has replaced their phone it's possible to transfer this credential accordingly.

The process is initiated by clicking on the "Transfer Credential" icon.

# ACTpro – Transfer a credential to a new phone

Chris Evans

**General**

Bluetooth  
Details  
Options  
Door Plans  
Extra Rights  
Recent Events  
View Doors  
T&A Integration  
Audit Details

Upload Photo  
Save Photo  
Clear Photo

Upload Signature  
IntegrISign  
Delete Signature

User Number: 2  
User Name: Chris Evans  
User Group: Full Access Group  
Status: Enabled

User Number: 2  
First Name: Chris \*  
Last Name: Evans  
Email: chris@gmail.com \*

**Transfer Credentials**  
Card Number: 2802186  
 Is a new card number required for this credential?  
OK Cancel

Card 4 (NPR/LPR) Not Set  
Card 5 (Biometric ID) Not Set  
PIN: \*\*\*\*\* Random

**Validity Period**  
From: 16/03/2021 15 00 : 00  
To: 14/12/2050 15 00 : 00

**Sites**  
 Tenant 1

Generate QR Code  
Send Bluetooth invite

Manual Login Manual Logout Delete Save

## ACTpro Manage>Users>\*User\*>General

If a user has lost their phone, it would be a sensible decision to change the card number too.

If this is required simply select the new card number box, and an invite will be sent to the user with a new card number.

**Note** – At the point of issuing a transfer request, a deactivate command will be sent to the existing device and the credential de-activated.

## Notes and Considerations

- Once “synced” the process cannot be reversed.
- Credentials must be managed from the ACTpro interface. Credentials added via ACTpro are synced to VCredential, but a credential added in VCredential will **NOT** be sent to ACTpro.
- Duplicate e-mails cannot be used.  
I.e. Not possible to have two separate users in the system with the e-mail [name@my-email.com](mailto:name@my-email.com)  
In this instance I will get an error in ACTpro advising of a duplicate user.

