

Smart card replacement

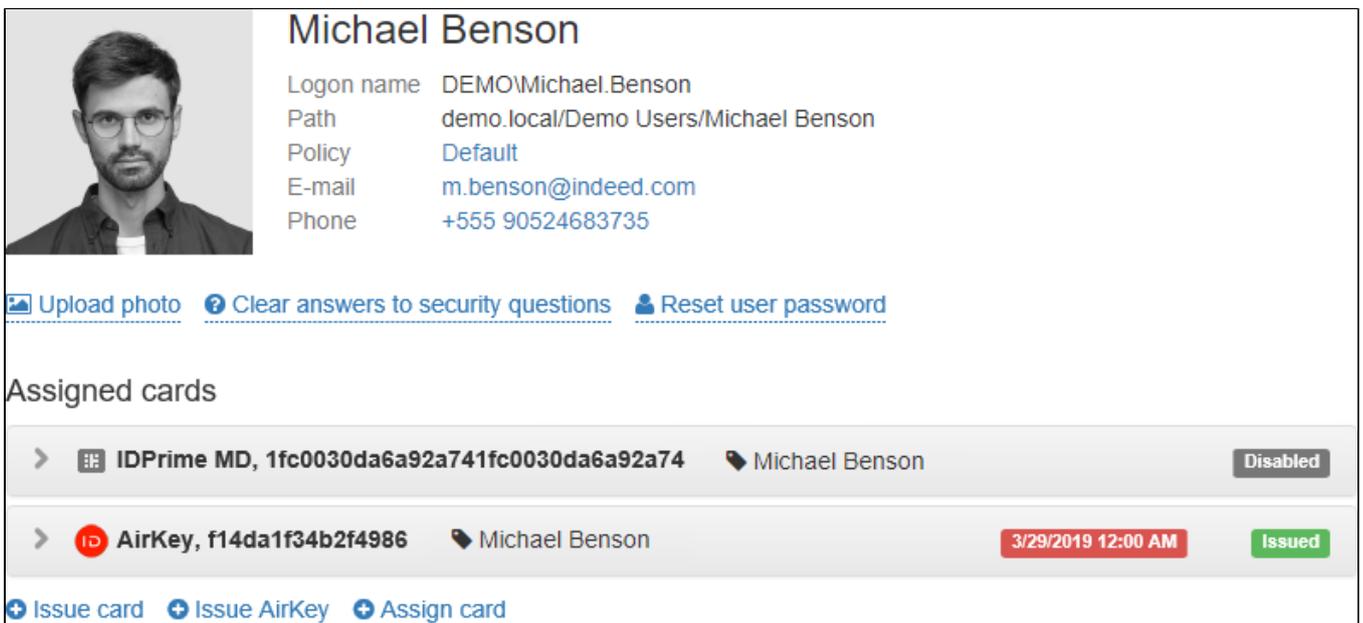
The Indeed Certificate Manager allows to perform temporary or constant replacement of user smart cards. The contents of the old card is completely moved to the new one.

Temporary replacement

Temporary replacement – a new card is given for a defined period of time. For example, the employee has left his/her card behind at home. The operator issues a new card for him/her. The card validity term is limited to one day.

In this case the certificates on the employee card that is left at home, are put on hold. Valid certificates and keys are written to the new card. The figure shows two cards in the user card:

- The **Main** is card **Gemalto IDPrime MD** is disabled and all the certificates on it are put on hold.
- **Duplicate card** is a virtual smart card **AirKey** issued with the limited validity term (highlighted in red).



The screenshot displays a user profile for Michael Benson. It includes a profile picture, name, and contact information. Below the profile, there are links for 'Upload photo', 'Clear answers to security questions', and 'Reset user password'. The 'Assigned cards' section lists two cards: 'IDPrime MD, 1fc0030da6a92a741fc0030da6a92a74' which is 'Disabled', and 'AirKey, f14da1f34b2f4986' which is 'Issued' with a validity period of '3/29/2019 12:00 AM'. At the bottom, there are links to 'Issue card', 'Issue AirKey', and 'Assign card'.

Card Name	ID	Owner	Status	Validity
IDPrime MD	1fc0030da6a92a741fc0030da6a92a74	Michael Benson	Disabled	
AirKey	f14da1f34b2f4986	Michael Benson	Issued	3/29/2019 12:00 AM

Permanent replacement

Permanent replacement – the replaced card is revoked, a new one is issued instead. All the data from the replaced card (key pairs, certificates) is written to the new one. Certificates on the replaced card are revoked irreversibly.

 The PIN of the replaced card is not transferred to the new card. The duplicate card would have a new PIN set in accordance with smart card usage policy:

- Default one, set by manufacturer
- Defined by administrator in the card initialization parameters
- Randomly generated

The user can change the smart card PIN in **Self-Service**, if the corresponding settings of the smart card usage policy are enabled.

To replace a user smart card, proceed as follows:

1. Switch to **Users** tab and search for the user.
2. Switch to the **User card** by clicking his or her username in the search results.
3. Select the necessary card and open its data.
4. Click **Replace**.
5. Define the replacement type: **Temporary** or **Permanent**.
6. If the replacement is **Temporary**, define the temporary card expiry date.
7. If the replacement is **Permanent**, define the reason.
8. Define the smart card label (can be set up automatically, if the corresponding action is permitted by smart card usage policy).
9. Define smart card comment, if needed.
10. Specify administrator PIN in **Advanced** section, if the new smart card is not added to Indeed CM. If smart card is added in Indeed CM then Advanced menu is not displays.
11. Connect the new card to a computer and click **Replace**.

IDPrime MD, 2f80025d73f42a752f80025d73f42a75 Mike Benson Issued

Reset PIN Unlock Disable Revoke **Replace** Replace with AirKey Update Lock Change admin PIN

The card will be initialized. All data on the card will be lost

Temporary
 Permanent

Initialize card

Revocation reason
Card broken

Label
Mike Benson

Comment
IT Department

Tags
Demo

Card
ACS CCID USB Reader 0: II

Replace Cancel

! If the corresponding settings of the smart card usage policy are defined, then the new smart card would be initialized while replacing. All the data stored on it would be erased.

If Indeed Certificate Manager is integrated to Indeed AirKey Enterprise, then a hardware smart card can be replaced by a virtual AirKey card. To do so, click **Replace with AirKey** in the card properties.