



Document version: v1

## The NightCard demo explained

<http://www.nightcarddemo.com> is a web site that demonstrates the capabilities of Information Cards as well as of the CardGears software.



Specifically, the demo shows the following:

- How a new Information Card can be issued to a user without prior creation of an account on the web site
- How the CardGears Issue API works
- How an Information Card can be accepted and the user logged in

First, this document describes the preferred way to walk through the demo, then it explains some of the technical details.

## Demo walk-through

This is the preferred way to walk through the demo:

1. You start at the main page at <http://www.nightcarddemo.com>. The idea is that this site has a photo gallery which is only accessible for members.
2. You can try to click on the **“Photos”** menu item, but you will get an error message because you are not logged in.
3. To log in, you first need to get a NightCard. Do get one, click on the **“Get Card”** menu item.
4. You are expected to fill in a few basic fields (First Name, Last Name, E-Mail, Favorite Band). This step demonstrates that an Information Card can contain standard as well as custom fields. After you fill out the form and click the submit button, you should get the Card in the form of a .crd file which should get imported into your Card selector.
5. Now you can click on the **“Login”** menu item. You should be able to log in with the NightCard you got in the previous step. In this demo the username and password which are securing the Card are fixed (they are **“night”** / **“card”**).
6. Now you should be able to click on the **“Photos”** menu item and see the photo gallery.

Variation #1: If you do not yet have a Card selector installed, then in Step 4 you should be offered to install the Azigo Card selector, which after installation will automatically contain your new Card.

Variation #2: If you have an iPhone with the iPhone I-Card Selector, you should be able to perform Step 5 on the iPhone as well. This demonstrates the value of Information Cards on mobile devices.

Variation #3: If you happen to have a FavoriteCard from the FavoriteCard demo, and if that Card has a **“Favorite Band”** Claim, then you should be able to use this Card in Step 5 instead of the NightCard. This demonstrates that Information Cards can be interoperable between different web sites.

## Technical information

What happens when...

### ... I fill out the “Get a NightCard” form and click the submit button?

At this point the NightCard demo web site sends an HTTP Redirect command to your browser. It redirects you to the CardGears Issue API, which creates a new Card and sends it to you in the form of a .crd file. The request to the CardGears Issue API contains the following parameters:

```
cardcredentialusername=night
cardcredentialpassword=card
cardtemplate=urn:cardtemplate:2caf58b4-e1b2-4fb9-a1e9-bc744ef4d38b
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname=<your first name>
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname=<your last name>
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress=<your e-mail address>
http://schemas.nightcarddemo.com/favoriteband=<your favorite band>
timestamp=1253267809
mac=ffadd753f9e33479eff41e19d2fbf05a2f8131dfaf7e6645a9b7a46e3c160d92
```

The NightCard Card Template has been previously defined in CardGears. The Card Template contains fixed information about the NightCard, e.g. its name, image and list of Claims.

The request does not contain a GUID for the new Card, which means that one will automatically be generated by the CardGears Issue API.

The request contains the actual Claim values for new Card. These values are stored in the CardGears server and are served when the Card is used.

### ... I log in with my NightCard?

The NightCard demo web site is very simple. It does not have its own user database. When you log in with a Card, it only makes sure that the security token from the user’s Card selector is valid and that it contains a “Favorite Band” Claim. The web site then stores a flag in the user’s session, so that the photo gallery can be accessed.