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a Motorola Solutions Company

ACCESS CONTROL MANAGER™ 6.12 PRODUCT TRAINING

November 2020

AGENDA

- **Release Overview**
- **Technical Overview**
  - User Forms
  - Appliance Certificate Customization

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Release Overview

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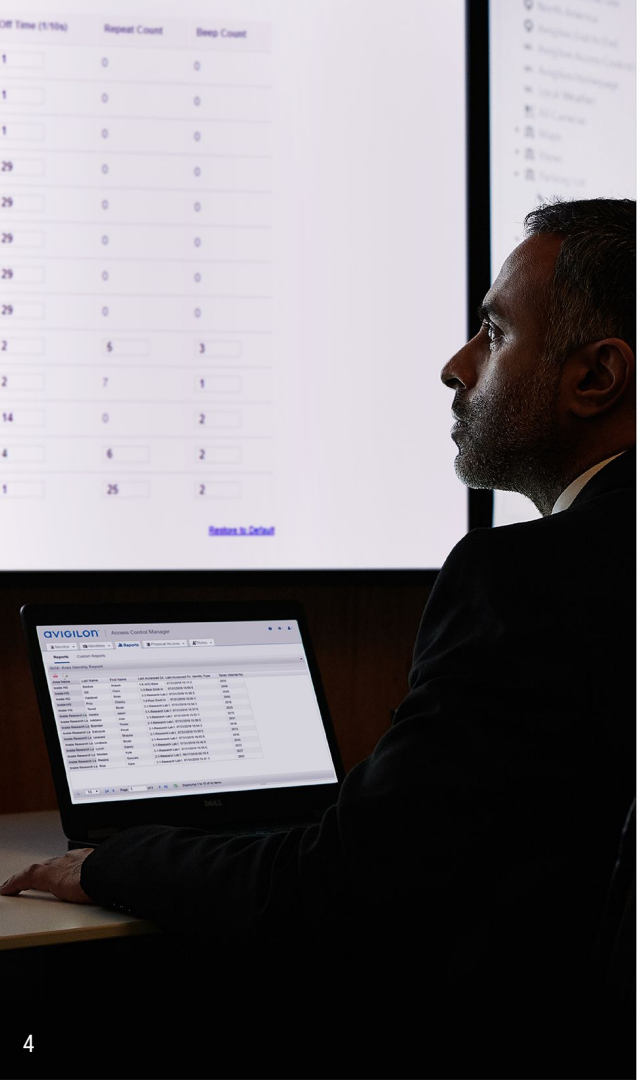

ACM™ 6.12 Overview

Customizable Identity & Token Forms

Administrators can **add, remove and reorder form fields or create additional user forms** to suit operational needs, and **assign operators different views** for greater control over access to sensitive data.

Appliance Certificate Customization

IT departments can now **customize the ACM Appliance self-signed certificate or upload their own private certificate** for enhanced network security.

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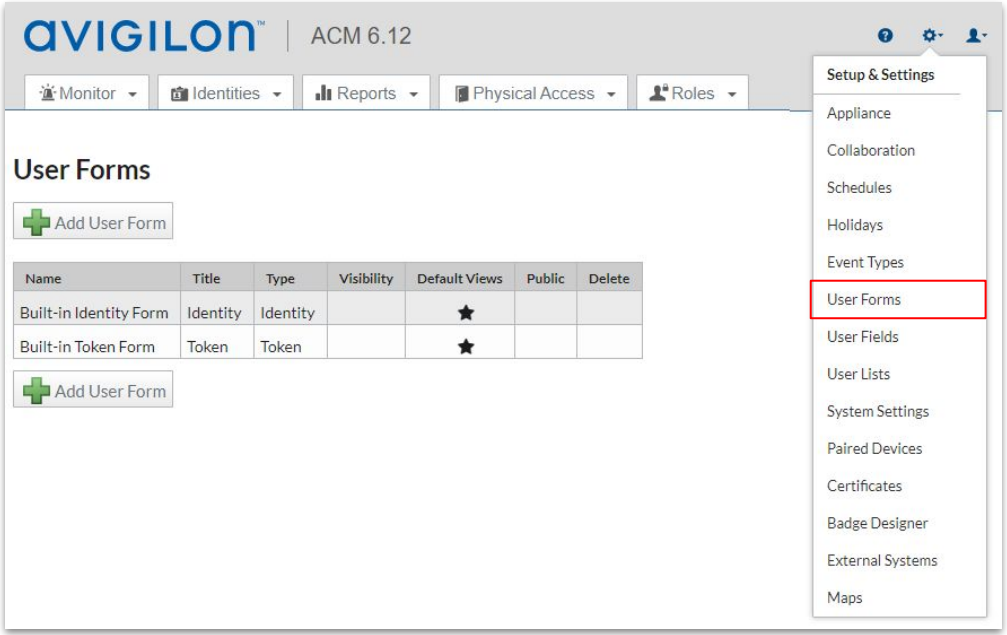
User Forms

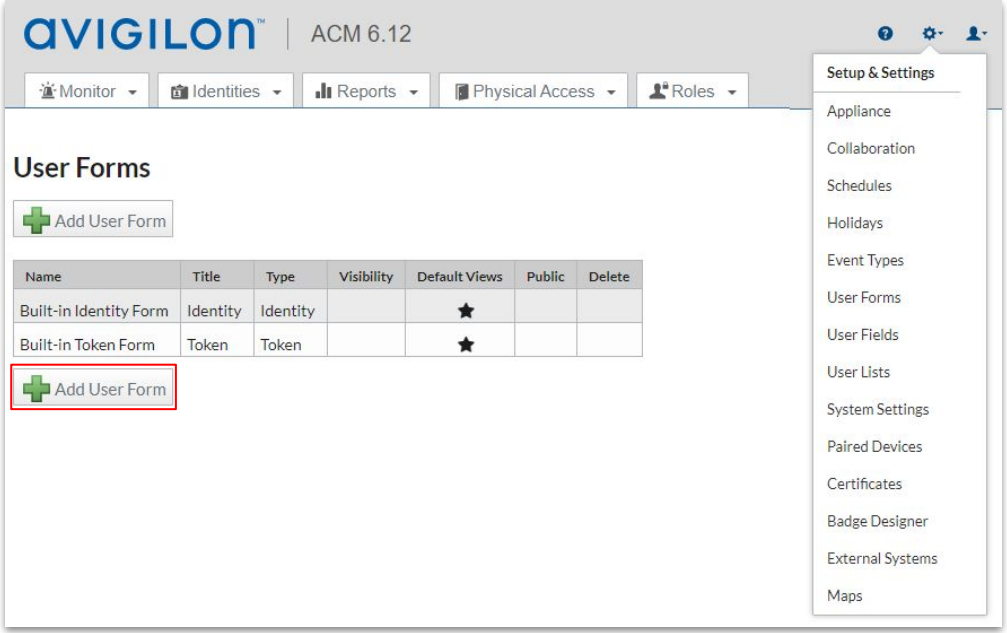
User Forms



- In the system menu, click on *User Forms* to access the User Forms management page
- From this page, administrators can add a new form, delete an existing form and assign forms to identities
- The appliance contains the built-in “Identity” and “Token” forms by default

User Forms

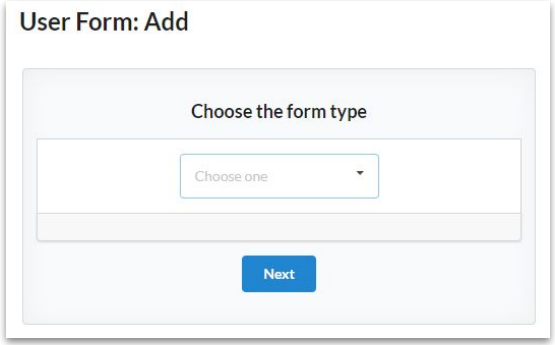
Add a New Form

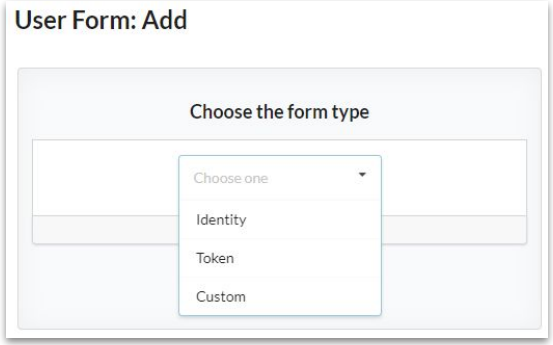


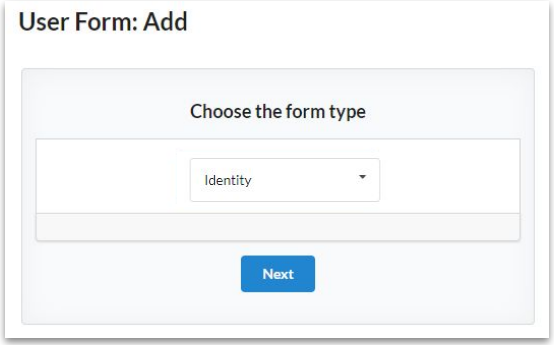
- Click on “Add User Form”

User Forms

Add a New Form



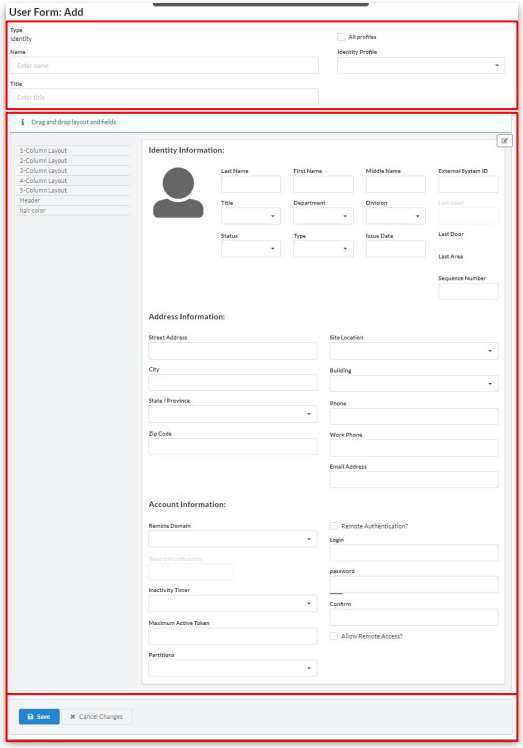




1. Select a form type:
   - **Identity** a form which can be displayed instead of the built-in Identity tab
   - **Token** a form which can be displayed instead of the built-in Tokens tab
   - **Custom** a form which can be displayed as an additional tab
2. Click Next

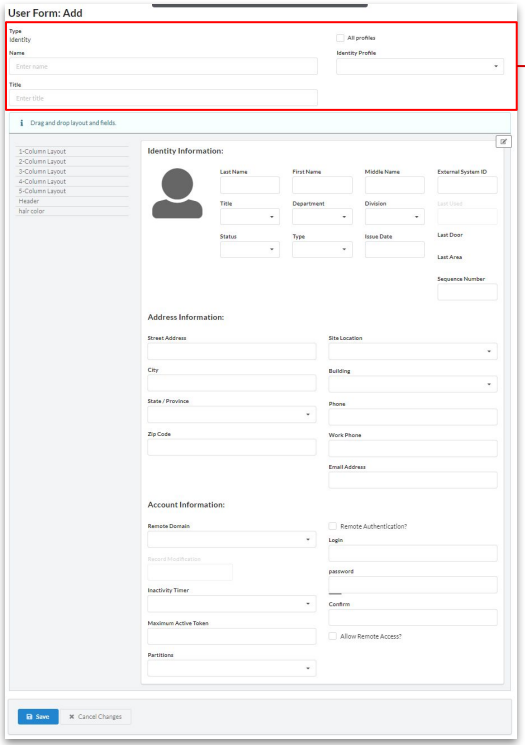
User Forms

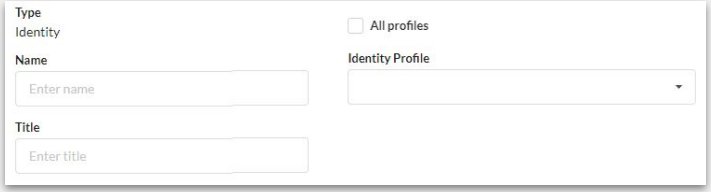
Add a New Form



User Forms

Add a New Form

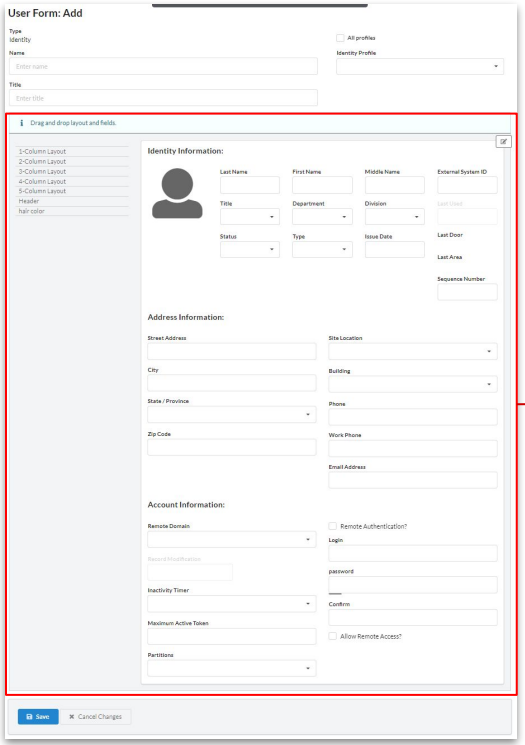


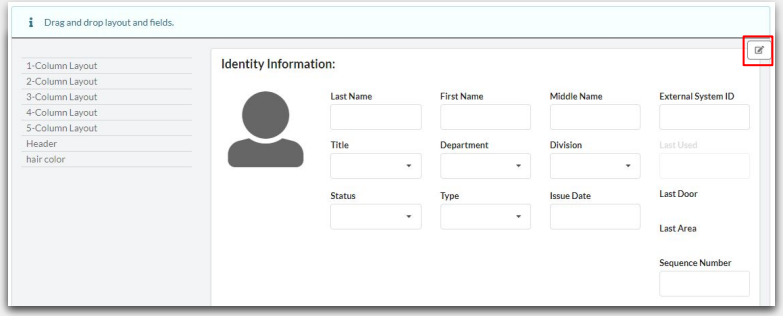


- Name - the name or ID of the form
- Title - the label for the tab
- *All Profiles* checkbox - all identity profiles, current and future, to be assigned to the form
- Identity Profile - select one or more identity profiles

User Forms

Add a New Form



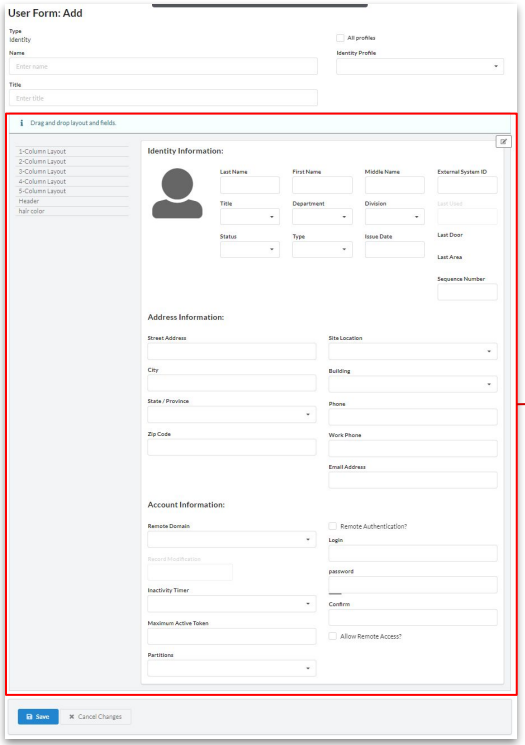


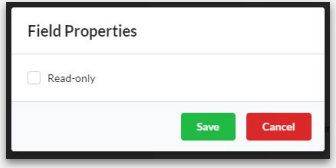
Customize the content of the form

- The column on the left contains layout items and available fields
  - Drag & drop items to your form
  - Use headers to group fields together
  - Use columns to distribute fields on the screen
  - All fields must be placed inside a layout item
  - Rearrange/reorder fields or layout items by drag & dropping them within your form
  - User Fields can be added to forms
- Click on the button in the top right corner to toggle *Advanced edit* mode

User Forms

Add a New Form - *Advanced Edit* Mode

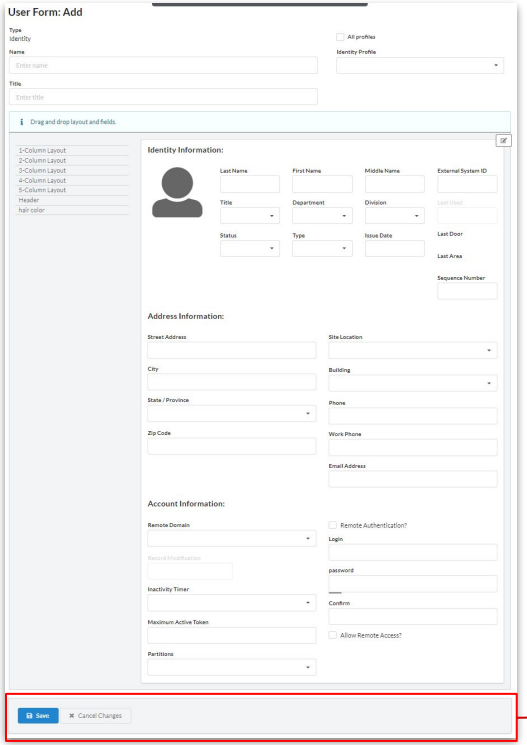


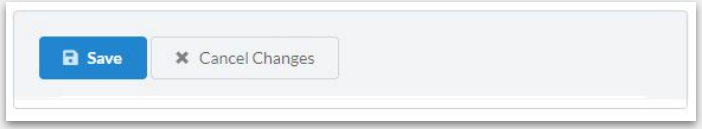


- Mouse over a field or a header to
  - Access its properties
    - Fields: Read-only: yes/no
    - Header: Text
  - Remove it from the form
- Click on to remove a layout item from the form (including its content)

User Forms

Add a New Form

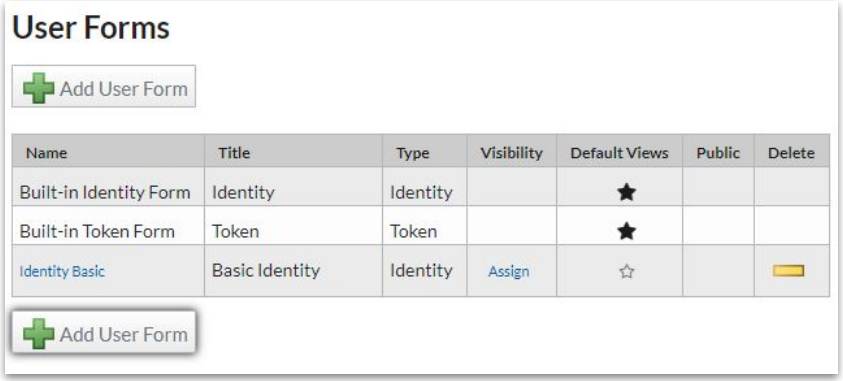




- When the form is ready, click on *Save*
  If mandatory information (name, title) or fields are missing, the system will display and error message and prevent you from saving the form

User Forms

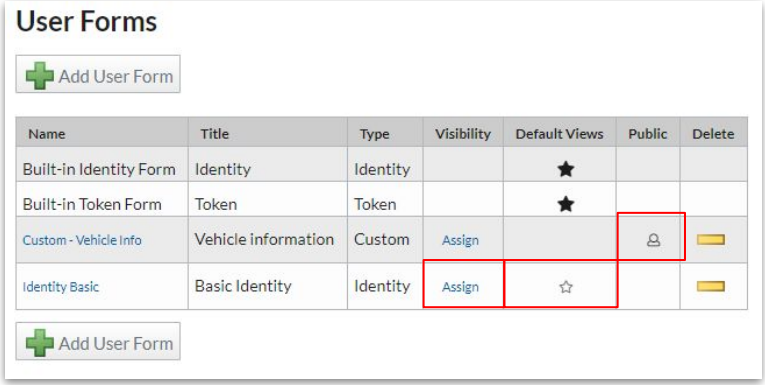
Add a New Form



- The form has been added to the list of available forms
- To edit a form, click on its name

User Forms

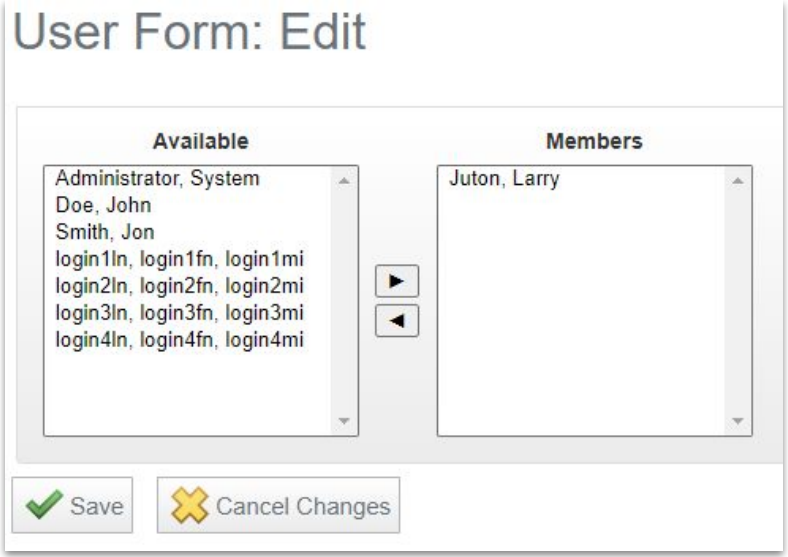
Assigning Forms



- **For Identity and Tokens forms**, click the *Star* icon to make it the system default; the system default form will be visible to all identities unless they have been assigned a different form of the same type.
- **For Custom forms**, click the *Lock* icon to make the form visible to all identities.
- **For any type of forms**, click “Assign” and select which identities can see the form.

User Forms

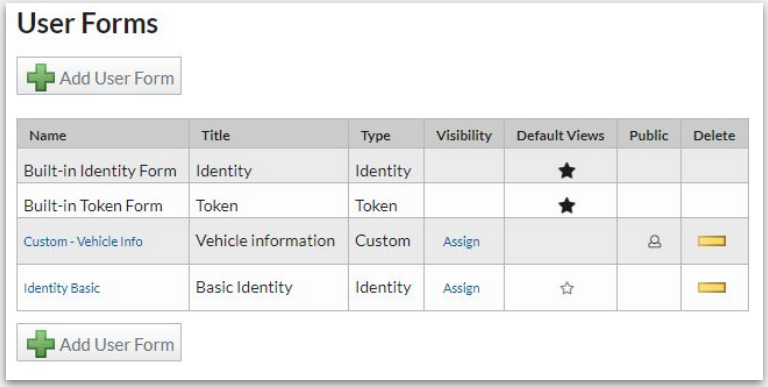
Assigning Forms



- To assign a form to a limited number of identities, add one or more available identities and press the “right” arrow
  - Only operators are listed
- Click “Save”

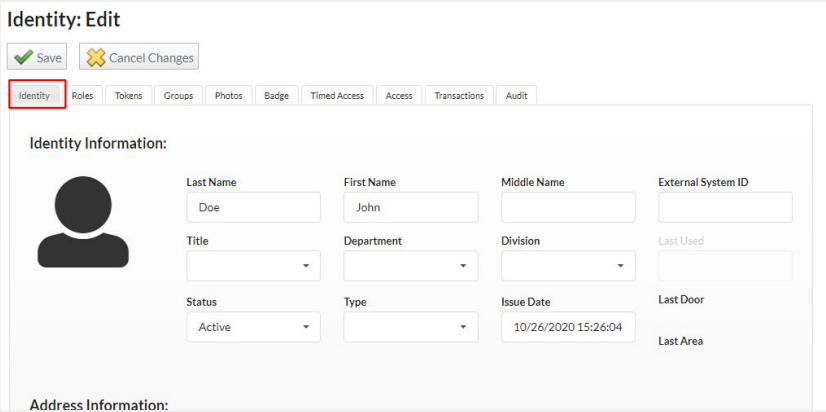
User Forms

Assigning Forms

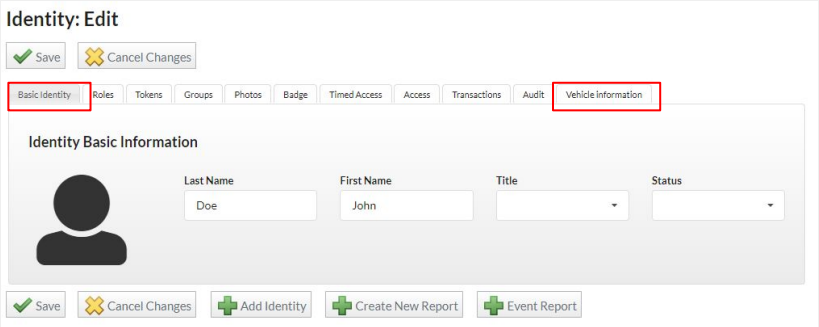


"Vehicle information" and "Basic Identity" tabs are assigned to Larry Juton (only)

Jon Smith sees the default identity form and won't have access to the "Vehicle information" tab

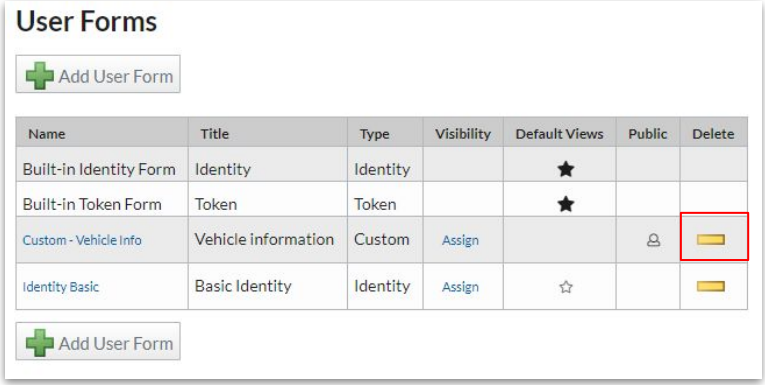


Larry Juton sees the "Basic Identity" tab and will have access to the "Vehicle information" tab



User Forms

Deleting Forms



To delete delete a form, click on the “Minus” icon.

Note that the icon is not available if any identities are assigned to the form.

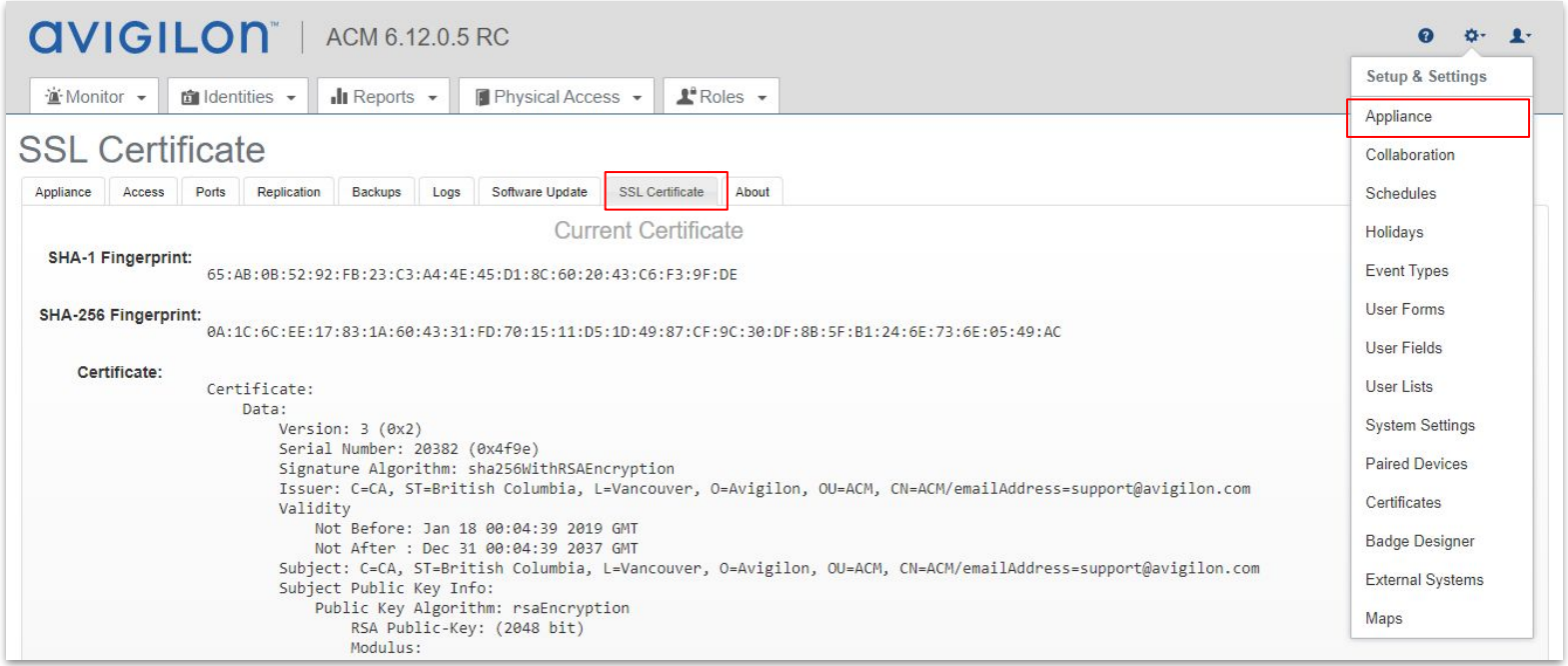
Built-in forms cannot be deleted.

Appliance Certificate Customization

Appliance Certificate Customization

New Menu

- In the system menu, click on *Appliance* and browse to the *SSL Certificate* tab to access the current certificate



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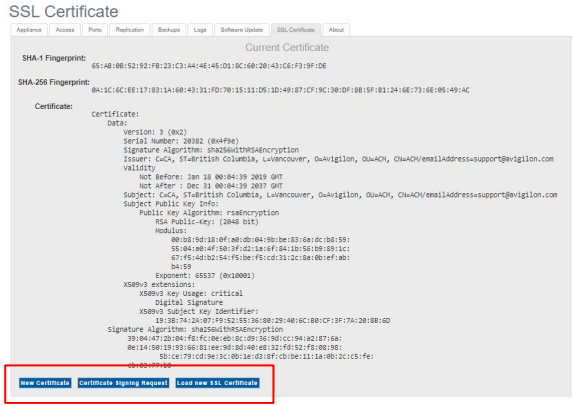
Appliance Certificate Customization

Action Buttons



New Certificate

Customize and generate a self-signed certificate in one step from ACM

Certificate Signing Request

Pre-populate the certificate signing request and download it together with the private key

Load new SSL Certificate

Load a certificate and its matching private key to apply it to the appliance

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Appliance Certificate Customization

New Certificate

Generate Self Signed SSL Certificate
Appliance: hl-acm-139

Country Name (2 letter code):	CA
State or Province Name (full name):	British Columbia
Locality Name (eg, city):	Vancouver
Organization Name (eg, company):	Avigilon
Organizational Unit Name (eg, section):	ACM
Common Name (eg, Appliance Host name):	ACM
Email Address:	support@avigilon.com
Subject Alternative Name (FQDN):	hl-acm-139
Days Valid:	365

Save Cancel Changes

- Customize the self-signed certificate information to reflect the appliance
  Note that the Subject Alternative Name (FQDN) must contain at least the machine's hostname (DNS name) otherwise some browsers will deny access.
- Click “Save” to generate and apply the new self-signed certificate to the appliance
  Warning: reboot is required!

Appliance Certificate Customization

Certificate Signing Request

Generate Certificate Signing Request (CSR)
Appliance: hl-acm-139

Country Name (2 letter code):	CA
State or Province Name (full name):	British Columbia
Locality Name (eg, city):	Vancouver
Organization Name (eg, company):	Avigilon
Organizational Unit Name (eg, section):	ACM
Common Name (eg, Appliance Host name):	ACM
Email Address:	support@avigilon.com
Subject Alternative Name (FQDN):	hl-acm-139

Save | Cancel Changes

Generate Certificate Signing Request (CSR)
Appliance: hl-acm-139

Download Previously generated CSR and Private Key

Download CSR Download Private Key

OR generate new CSR Request and Private Key

Country Name (2 letter code):	CA
State or Province Name (full name):	British Columbia
Locality Name (eg, city):	Vancouver
Organization Name (eg, company):	Avigilon
Organizational Unit Name (eg, section):	ACM
Common Name (eg, Appliance Host name):	ACM
Email Address:	support@avigilon.com
Subject Alternative Name (FQDN):	hl-acm-139

Save | Cancel Changes

Similar to the self-signed certificate, this screen allows customers to customize the Certificate Signing Request before downloading it to reflect the appliance.

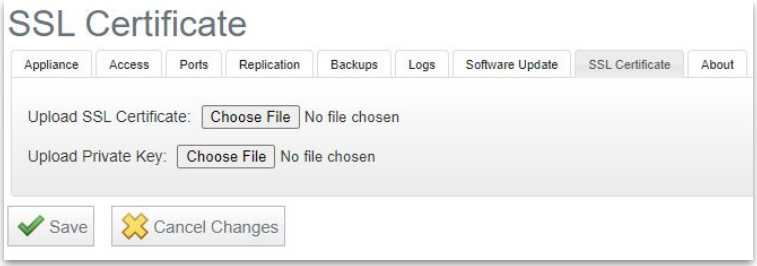
Note that the Subject Alternative Name (FQDN) must contain at least the machine's hostname (DNS name) otherwise some browsers will deny access.

Click “Save” to download:

- the private key file - keep it safe to yourself!
- the CSR - send it the signing authority

Appliance Certificate Customization

Load New SSL Certificate



Upload the SSL Certificate and its matching Private Key by clicking on “Choose File”.

Warning: reboot is required!

THANK YOU!

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