English

CARM Server

Version 5.7

User's Guide

APIS Informationstechnologien GmbH

English

Introduction 1
Access with APIS IQ software 1
Configuring access 1
CARM server menu 1
Administration 1
Remote configuration 2
CSS module 2
Disconnect connection to CARM Server 4
Information 4
Input collector 4
IQ Explorer 4
Basic search 5
Complex search 5
Use results 5
Access with web browser 5

Introduction

Accessing the ***APIS CARM Server*** is possible in different ways that will be explained in the following.

Access with APIS IQ software

Configuring access

The connection settings regarding the ***APIS CARM Server*** are contained in the menu item `Tools | Workstation settings | Settings...` in the `CARM Server` section. Access from the ***APIS IQ Software*** to the server is possible for the same software version only. Furthermore, the server has to accept the license number of the client (for a list of activated license numbers, see chapter Information, page 4).

IQ certificates are required to use some of the ***CARM Server Services (CSS)***; they are requested from the administrator of the CARM server (see Request certificate for CSS, page 3) and installed by the user of the ***APIS IQ Software*** (see chapter Install certificate for CSS, page 3).

CARM server menu

Administration

The `Administration` menu item is not available by default. It can enabled or disabled via the menu item `Tools | Workstation settings | Settings...` in the `CARM Server` section using the option `CARM Server Administration`.

Enabling the administration opens the Services Manager which manages the data of the ***APIS CARM Server***. It is subdivided into sections to be accessed via the Editors menu or the Editors toolbar:

- ***CSS Modules***
  Administration of module categories, categorization of modules, and administration of activation status of a module
- ***CSS Module usages***
  Overview of installed modules regarding their installer and installation location
- ***CSS Module access rights***
  Granting of rights to read, download, upload, and delete module categories
- ***CSS Catalogs***
  Maintenance of catalogs, i.a. for functions, failures, characteristics, preventive and detection actions.

Remote configuration

The remote configuration opens a dialog to configure the ***APIS CARM Server***. It provides the same setting options as described in the chapter `The graphical user interface | Settings` of the `Administrator's Guide`. In addition, the language of the ***APIS CARM Server*** can be selected on the `General` tab.

CSS module

Module upload

The substructure of the currently selected system element is declared a module and uploaded onto the ***APIS CARM Server***. At first, the category is selected, in which the module is to be stored. If more versions of this module are uploaded onto the ***APIS CARM Server***, they will be automatically inserted in the chain of versions. It is therefore not necessary to select the category again.

Then, the Properties dialog for this module opens to e.g. change the version number or the module status.

Replace by module

The currently selected system elements are to be replaced. For each system element, the ***APIS CARM Server***, is scanned for a released module with the same item code as the item code of the system element. If the system element has no item code, its name will be used instead to conduct the comparison search. If a correspondent module is found, it replaces the selected system element.

Add module

A module that is available on the ***APIS CARM Server*** can be inserted as the successor of the selected system element. A module to be inserted in the structure is determined in a selection dialog. Only released modules can be selected for this purpose.

Request certificate for CSS module

A valid IQ certificate is required to be able to use ***APIS CSS Modules***, which is requested from the administrator of the CARM server. An e-mail containing the request is sent to him/her. The sender is the person who is currently logged in the IQ software. This person needs to have an e-mail address stored for this purpose.

Depending on the configuration of the ***CSS Modules***, a new certificate will be generated and attached to the e-mail. If the access rights are granted, the administrator of the CARM server can simply forward the e-mail to the respective person. If ***CSS Module access rights*** are activated, these rights can be adapted in the corresponding editor of the Services Manager and the certificate is sent from the editor.

Install certificate for CSS Modules

If the user is sent a valid IQ certificate by e-mail, he/she can install the file using this menu command.

Show certificate details

Lists the details of the installed certificate

Change certificate password

A password can be assigned to an installed certificate. This password must then be entered in each IQ session upon the initial use of this CSS.

Disconnect connection to CARM Server

Any available connection to the ***APIS CARM Server*** is disconnected.

Information

Information on the ***APIS CARM Server*** connected to the IQ software is displayed. Among others these are license details, provided services, and activated license numbers.

Input collector

The respective catalog can be downloaded from the ***APIS CARM Server*** and used in the input collectors. The menu items `Catalog | Load CARM Server catalog file` make the data set from ***APIS CSS Catalogs*** available in the IQ software. After selecting the server catalog, the individual elements can be applied as usual by means of drag & drop.

IQ Explorer

The IQ Explorer includes a services-related search in the data set of the ***APIS CARM Server***. The search result can be used as a master copy for the creation of a FMEA on the basis of the central knowledge base of the ***APIS CARM Server***.

Basic search

Using the basic search by means of `Search on CARM Server`, a search is conducted in the selected service on the basis of a pattern specified in the input field Search pattern. The name of the object is used as the criterion.

Complex search

A search can also be conducted on the basis of the attributes of the data administered in the selected service. Clicking on the button `Define search filter` will open the dialog to select the criteria. The procedure is similar to the definition of a filter for the search in the current IQ document.

Use results

The result of the search is represented either in a list or in a table. The results list can be used as a master copy. Data from the set of the ***APIS CARM Server*** are applied by means of drag & drop.

Access with web browser

The web interface of the ***APIS CARM Server*** provides access independent of the IQ software. After having opened a browser, the web interface is displayed by entering the address of the ***APIS CARM Server*** according to the pattern `http://<Server-IP>` (possible addresses are e.g.: `http://localhost` or `http://192.168.0.65`).

The access to the available ***CARM Server Services*** can be password protected (see chapter Remote configuration, page 2).