

# **CATIA Data Security (DS9) – Server application**

**BPA Delivery 8 for V5R20 (V5.8)**

***User Guide***

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# ***Introduction***

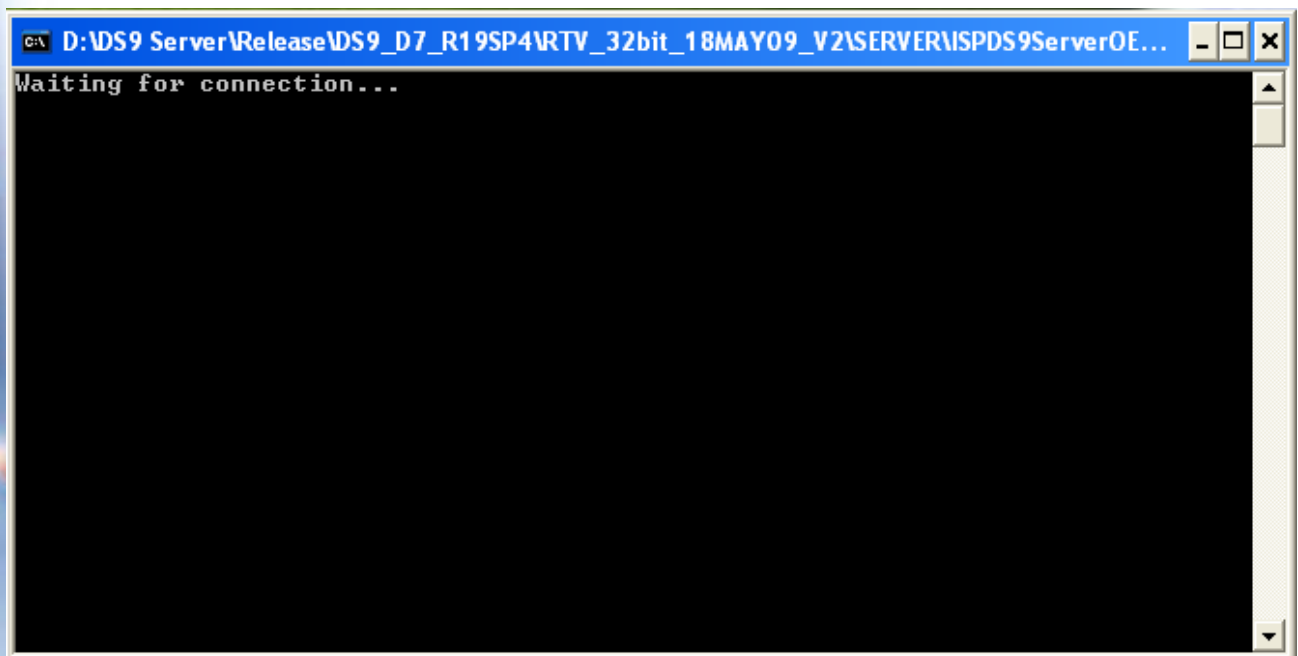
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This document describes the usage of the BPA DS9 Server Application at OEM site.

# Server Management

## Launch the server

1. To launch the server, double-click on the icon “DS9ServerStart” on the desktop
2. Two command windows appear with the message “Waiting for connection...”
  - a. One manages the supplier's requests
  - b. One manages the OEM's requests (must be carefully managed)



3. Once launched, these applications must not be stopped.

## Synchronize the server

It is important to make sure that the time on the server is correct, it is done to:

- Check regularly the validity of the Server License
- Provide correct information when the clients check the expire date of the data

For this the OEM side server has to be synchronized with the “World Internet Servers”.

The time updates are done in the following manner:

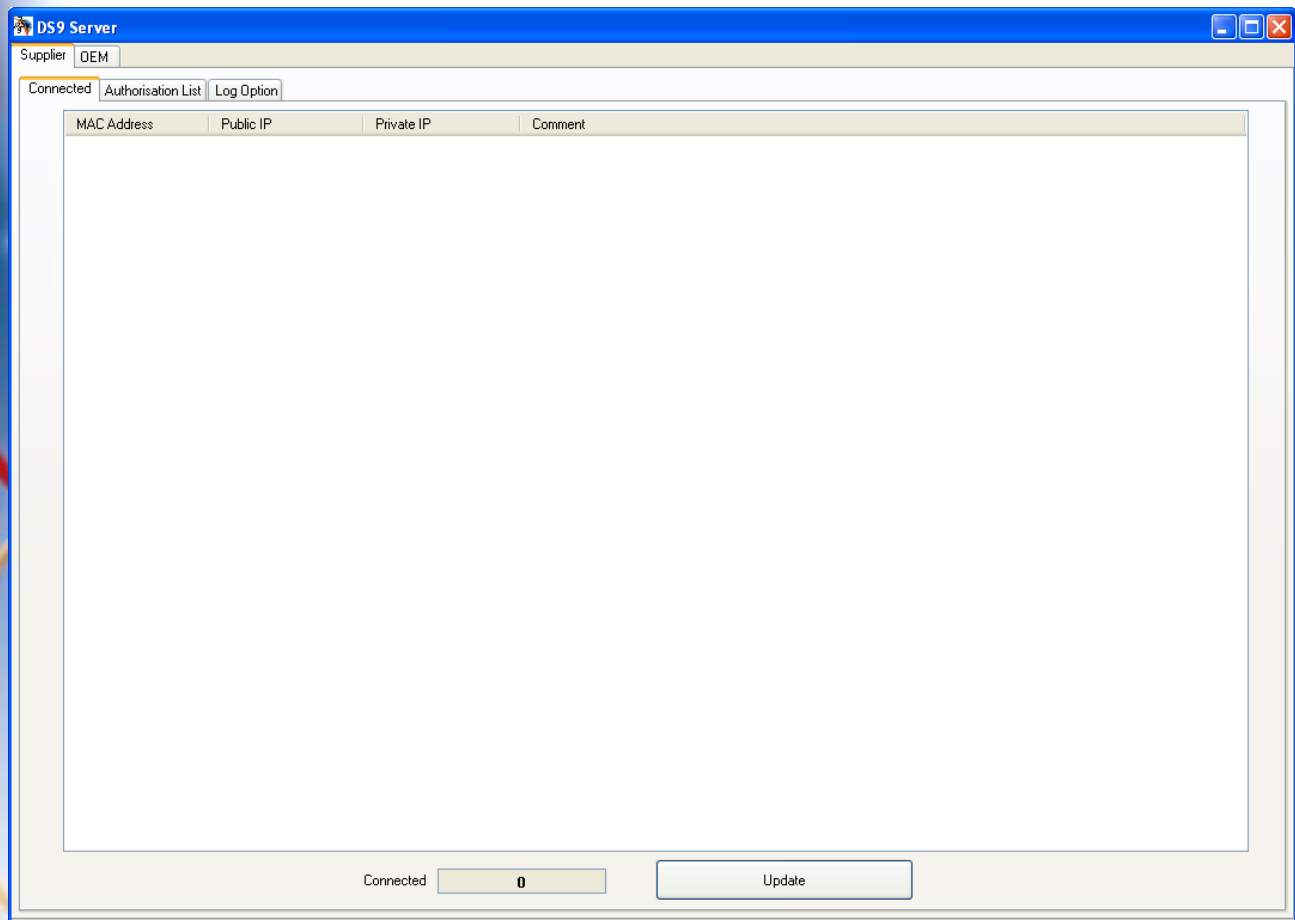
1. Check the time from Internet regularly
  - a. When the server application is started, it will first update the time by checking on Internet Time Servers. Then, the time will be checked and updated every 3 to 5 hours (random time between 2 checks)

## Manage the server

1. To manage the server, double-click on the icon “ISPDS9ServerUI” on the desktop



2. The DS9 Server Management tool appears.



This tool allows managing the Supplier’s requests and the OEM’s requests separately (see the 2 main tabs: “Supplier” and “OEM”).

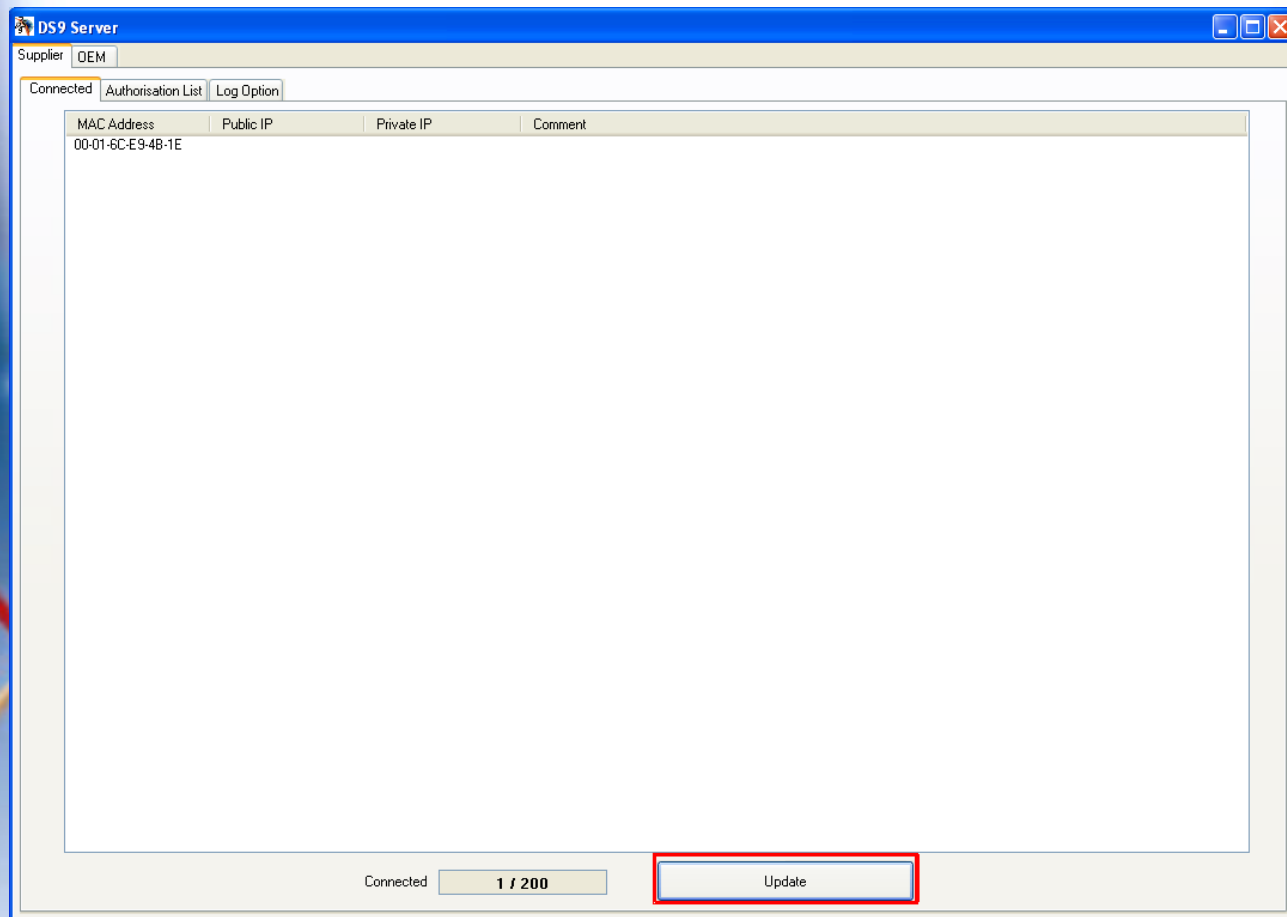
The tool allows:

- seeing the list of currently connected users in the “Connected” tab
- managing the authorisation list in the “Authorisation List” tab
- choosing which operation to log in the “Log Option” tab (only for the Supplier)

## Connected Tab

The Connected tab shows the list of currently connected users according to the information kept in the authorisation list.

To get the current list, click on the “Update” button.

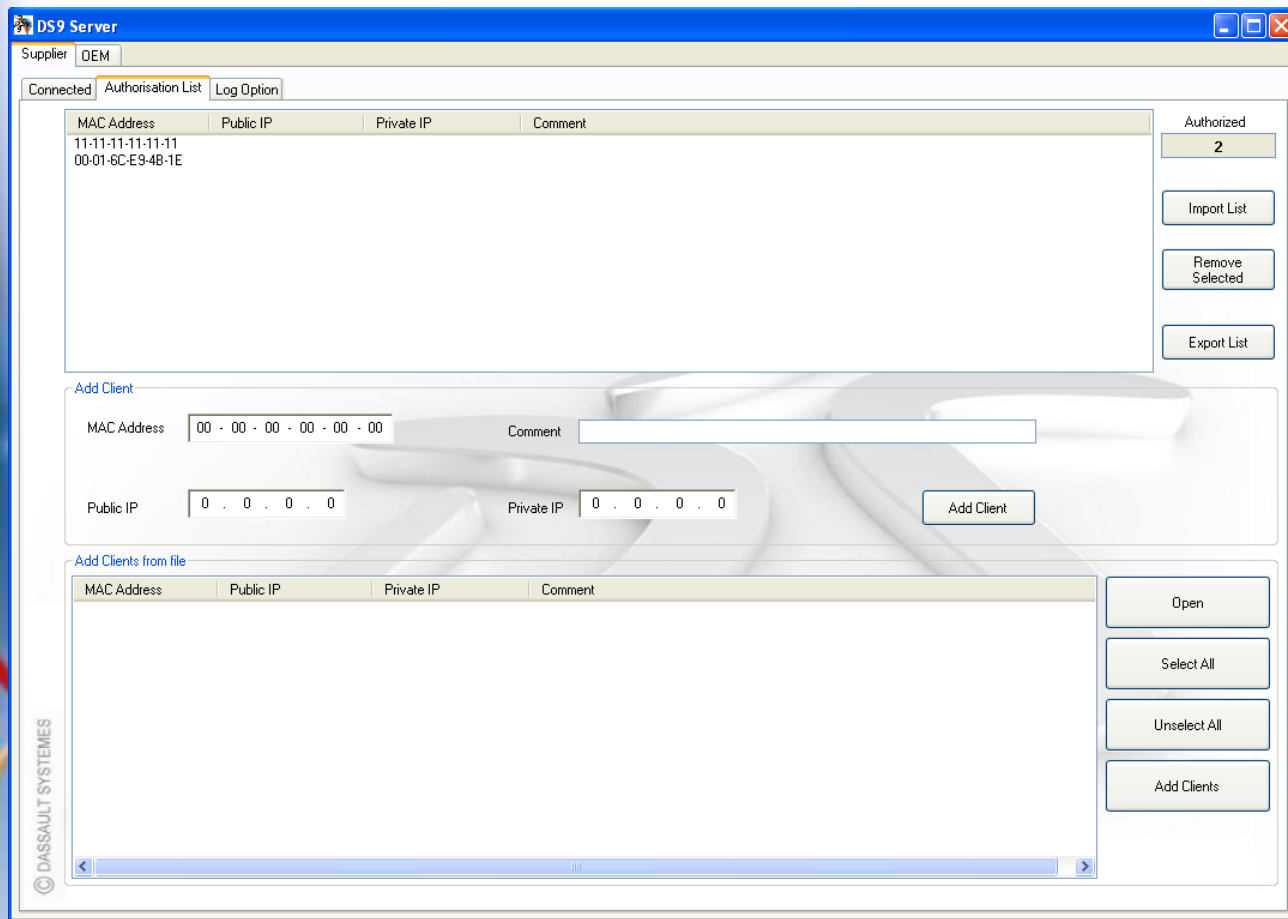


The number of currently connected users and the maximum number of users allowed by the license are displayed at the bottom of this window (format: number of currently connect / maximum allowed).

The “Update” button also updates information in “Authorisation List” and “Log Option” tabs.

## Authorisation List

The Authorisation List tab allows managing the list of authorized users.



This window is divided into 3 parts:

- The authorisation list in work
- Add Client : to add a single user
- Add Clients from file : to add a list of users stored in a file



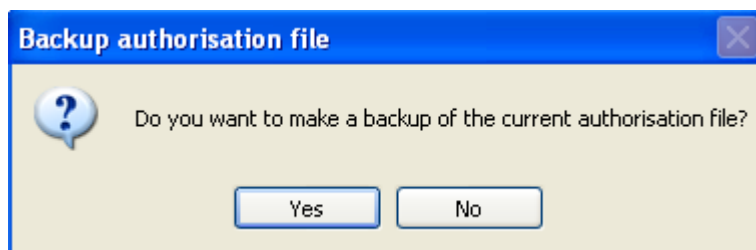
## The authorisation list in work

MAC Address	Public IP	Private IP	Comment	Authorized
11-11-11-11-11-11 00-01-6C-E9-4B-1E				<input checked="" type="checkbox"/>
44-44-AA-BB-CC-DD	10.90.120.112 10.90.120.112	90.100.90.5 90.111.57.8	TEST TEST3	<input type="checkbox"/>

This list can be modified in order to update the list used by the server application.

To do so, follow the steps below:

- Import the current list used by the server application by clicking on the “Import List” button (or click on the “Update” button of the “Connected” tab)
- Add users :
  - o Manually, one by one, using the “Add Client” tool
  - o Automatically, from a file, using the “Add Clients from file” tool
- If needed, select the users to remove (multi-selection is allowed, hold “CTRL” key and select the users) and click on the “Remove Selected”
- Click on “Export List” to update in real-time the list used by the server, then the message below appears:



Click “Yes” to keep a backup of the currently used authorisation file before replacing it with the new list. The current list with will be saved to a new file named: “Nameofauthorisationfile\_backup\_year\_month\_day\_hour\_min\_sec.txt”.

## Add Client

Add Client

MAC Address
Comment

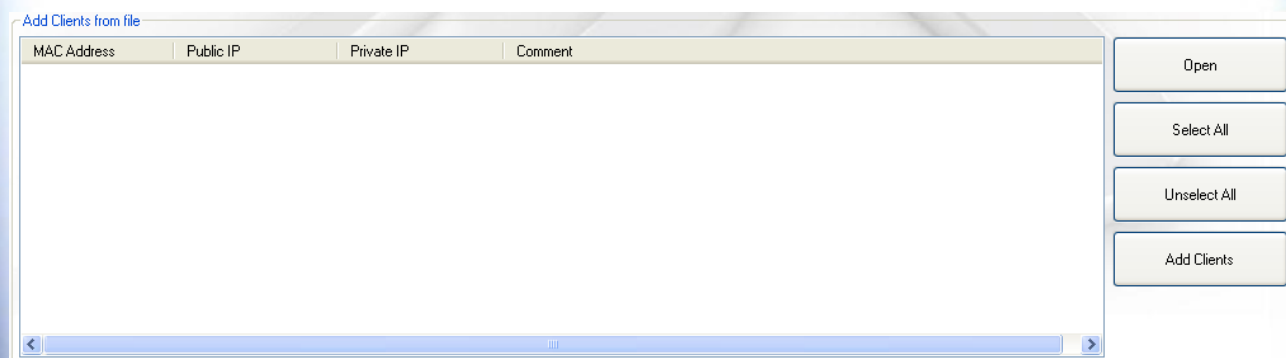
Public IP
Private IP

There are 3 ways to add a single user in the authorisation list:

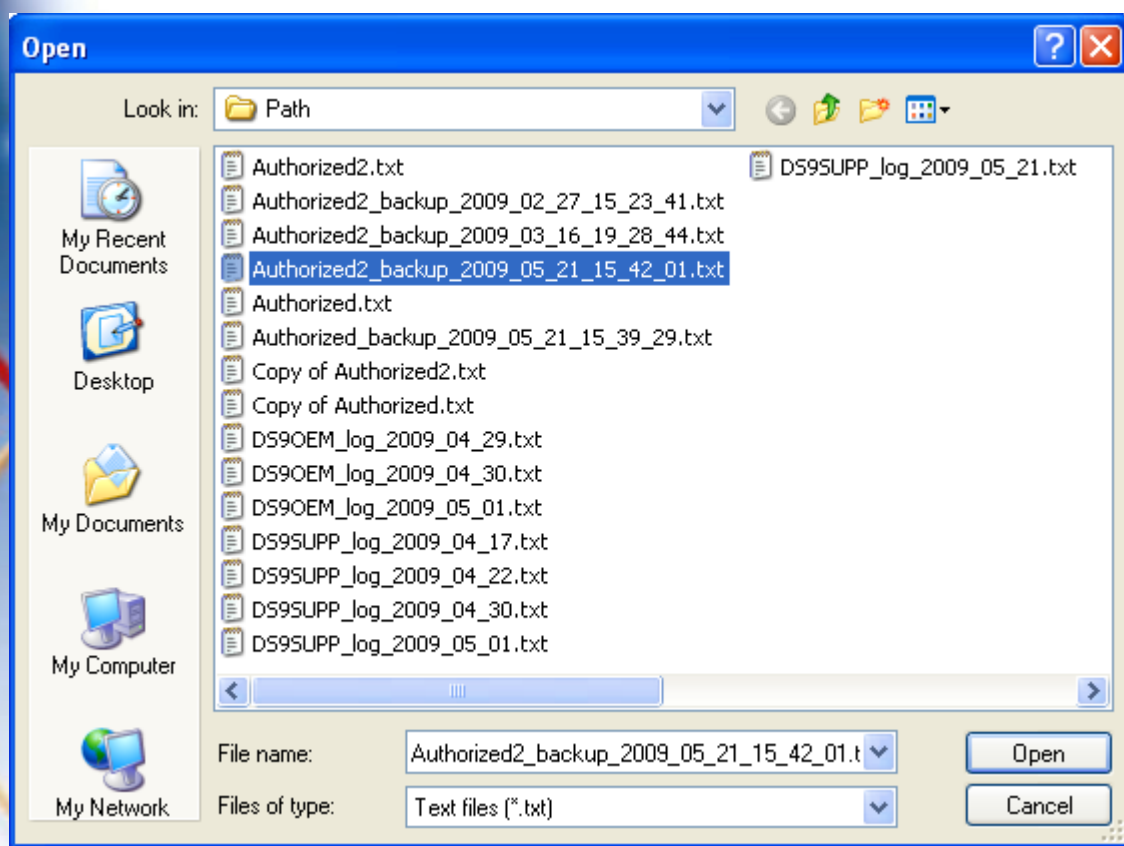
- Input his MAC Address and click on the “Add Client” button
- Input his Public IP and his Private IP and click on the “Add Client” button
- Input his MAC Address, his Public IP and his Private IP and click on the “Add Client” button

In any case, comments can be added to identify the supplier easily.

## Add Client from file



To add a list of user using an existing authorisation list, click on the “Open” button.



Select the file containing the authorisation list and click on the “Open button”.

Add Clients from file

MAC Address	Public IP	Private IP	Comment
00-01-6C-E9-4B-1E			
5A-4E-3F-2D-1C-0B			
5A-4E-3F-2D-1C-1B			
5A-4E-3F-2D-1C-2B			
5A-4E-3F-2D-1C-3B			
5A-4E-3F-2D-2C-0B			
5A-4E-3F-2D-2C-1B			
	10.90.131.73	10.80.112.30	
	10.90.131.73	10.80.112.31	
	10.90.131.73	10.80.112.32	
	10.90.131.73	10.80.112.33	
	10.90.131.73	10.80.112.34	
	10.90.131.73	10.80.112.35	
5A-5E-6F-4D-4C-2B	10.90.131.73	10.80.112.24	
5A-5E-6F-4D-4C-3B	10.90.131.73	10.80.112.25	

Buttons: Open, Select All, Unselect All, Add Clients

Select/Unselect the users to add in the authorisation list (multi-selection is allowed, hold “CTRL” key and select/unselect the users).

Click on the button “Select All” to select the whole list.

Click on the button “Unselect All” to unselect the whole list.

When the selection is ready, click on the “Add Clients” button to add the selected clients to the “Authorisation List in work”.

### Log Option tab (only for Supplier)

The Log Option tab allows choosing which operations to log.

To get the current status of these options in the application, use the “Update” button of the “Connected” tab.

Load/Save

☒ Log Load Operation

☒ Log Save Operation

Commit

Check the box “Log Load Operation” to log the Load operations.

Check the box “Log Save Operation” to log the Save operations.

Click on the “Commit” button to update these options on the application.

**\*\*Warning\*\*:** if none of these options is checked, the suppliers will stop communicating with the server until their next login. In between, they will not be aware of the changes made on these options.