

# BPA-FT9

## *Installation Guide*

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**Aralia Fault Tree Analyzer  
BPA Delivery 7 for V5R19 (V5.7)  
Version 1.1**



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# Introduction

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This document describes the installation procedure for the Aralia Fault Tree Analyzer. In this document, FT9 is used instead of Aralia Fault Tree Analyzer.

## Related Documentation

- Aralia Fault Tree Analyzer - User Guide

## Before Installing

### Note

FT9 is protected by the LUM software (License Use Manager) owned by IBM. Before installing FT9, make sure that a LUM environment is installed on your target machine and that you have a LUM license for FT9. For more information, see the section called “How to register a license for FT9”.

Make sure that you have administrator privileges.

Close all other applications on the computer before installing FT9.

## Hardware and Software Requirements

### Supported Operating Systems

**BPA runs on the following operating systems:**

- Microsoft Windows XP Professional SP1 or higher (32 bits)
- Microsoft Windows 2000 SP3 or higher

### Other Software Requirements

The following software is required: **LUM 4.6.8**

### Hardware Requirements

**Minimal configuration:**

- Pentium IV 1.4 Ghz (or equivalent),
- Hard disk: 50 MB available,
- RAM: 1 GB,
- Screen resolution: 1024 x 768 pixels, 65536 colors,

**Recommended configuration:**

- Pentium IV 3 Ghz (or equivalent),
- Hard disk: 1 GB available,
- RAM: 1 GB,
- Screen resolution: 1280 x 1024 pixels, 65536 colors,

# How to register a license for FT9

## Generality

The licenses for FT9 are managed by the LUM software (License Use Manager) owned by IBM. In order to use FT9 you should have LUM version 4.6.8 installed.

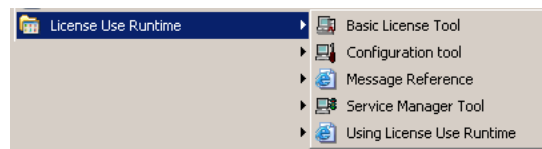
For more information, please refer to the IBM documentation on this product.

FT9 can be used with two types of license:

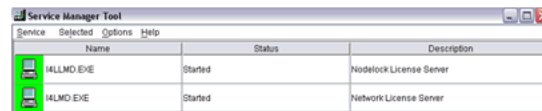
- **nodelock:** the license is attached to a workstation.
- **concurrent:** the license is attached to a LUM license server and can be used by several client workstation in concurrent access mode. On a given server, there can be several licenses (or tokens) for the same product.

The license installation is carried out differently depending on its type.

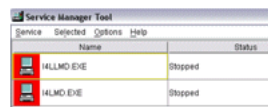
From now, we assume that the LUM software has been installed on the workstation and/or the server. The LUM (version 4.6.8) installation provides three different tools to configure the software. These tools are available through windows command shortcuts.



Stop LUM services before any modification of the LUM configuration. To do so, use the *Service Manager Tool*.



Select all services, use command **stop** in menu **Service**.

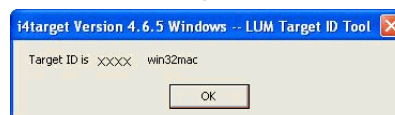


## Request a license

In order to ask for a license, you have to provide the following information:

- **Product Name:** FT9
- **License Type:** nodelock or concurrent
- **Number of Licenses:** 1 for nodelock, >0 for concurrent
- **LUM targetID:** provide the targetid on client side for nodelock and on server side for concurrent.

To get the workstation or server targetID, use the *i4target* tool.



This information must be given to the provider/retailer so that he will be able to generate a license file (in general in the form FT9\*.lic)

## Configuration for a nodelock license

### Note

In nodelock mode, FT9 uses a `nodelock` file. You have to create or update this file with the license information.

Create or edit the nodelock file located in "C:\Documents and Settings\All Users\Application Data\IBM\LUM\nodelock".

The format of the nodelock file is as follows.

```
# comment
vendorID productPassword productAnnotation productVersion
```

where:

- The first line is a comment. Because there may be other nodelocked tools on the same computer, it is recommended to give here the full product name, version, and expiration date.
- The second line describes the license.
  - vendorID: (looks like an UUID).
  - productPassword: long alphanumeric password for the nodelock license.
  - productAnnotation: this optional field should be set to null ("").
  - productVersion: should be set to "1".These informations can be extracted from the `.lic` file.

Initially, this file should look like the following.

```
# nodelock example for the licensed product expires 10/14/2009
c6c8ef44bcb7.4a.74.95.13.1f.00.00.00 zw53h8e5nkavu489usidbkq95aaa "" "1"
```

## Configuration for a concurrent license

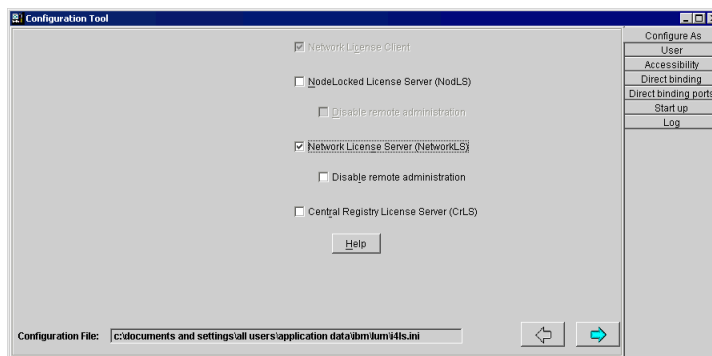
In concurrent mode, you have to:

- configure the server,
- install licenses on the server,
- configure client workstations.

If the server is also a client workstation it must be configured first as a server and second as a client workstation.

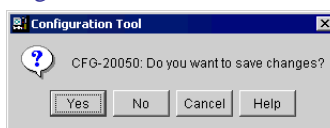
## Configuration of a LUM server

1. Configure the server using the *Configuration tools*.

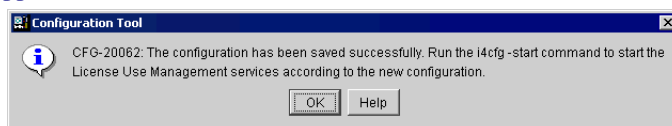


Select the option **Network License Server**.

2. Close the Configuration Tool and save changes.

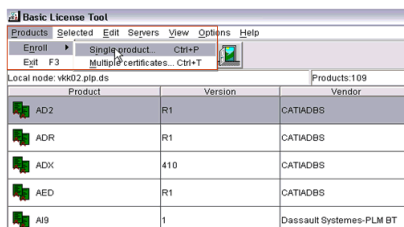


3. Restart the service (if stopped).

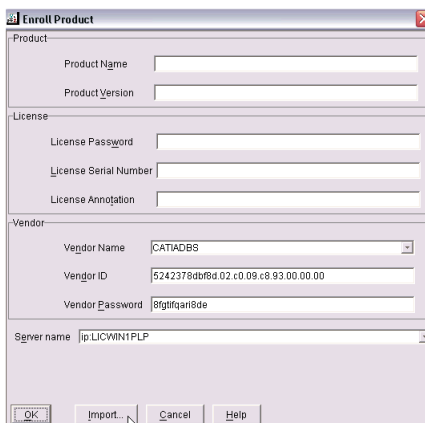


## Installation of a concurrent license

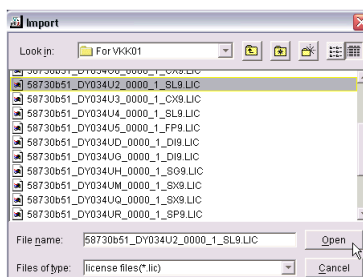
1. Use *Basic License tool*.
2. Select command **Enroll** in menu **Products**. Choose Single or Multiple depending on whether you want to be enrolling a single or multiple licenses at a time.



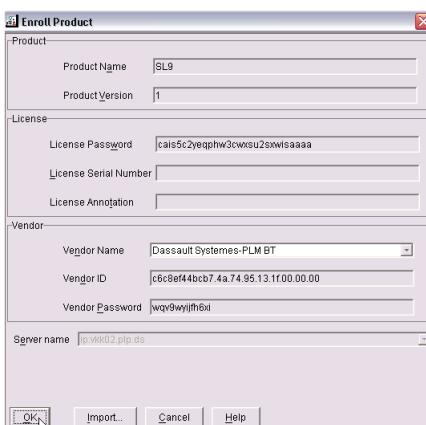
3. Click **Import**.



4. Select the concurrent license from the file browser.

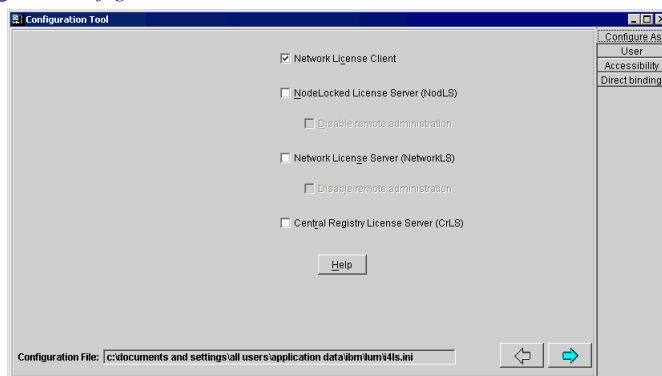


5. Click OK to enroll the license.



## Configuration of a client workstation

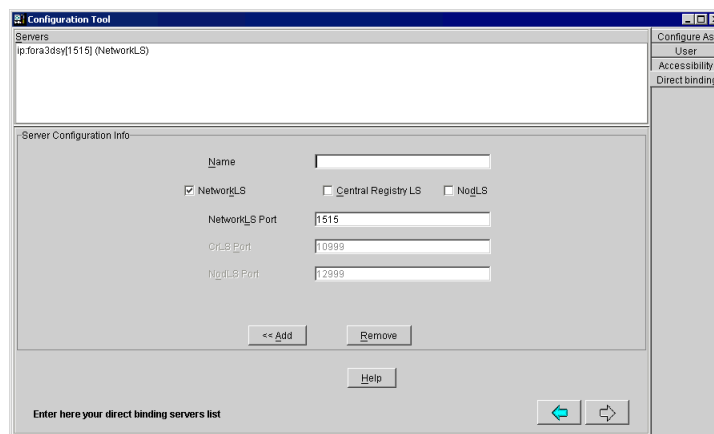
1. Configure the client using the *Configuration tools*.



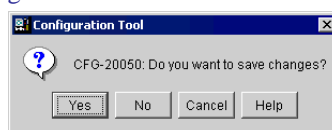
Select option **Network License Client**.

2. Switch to the **Direct Biding** tab.
3. Enter the server name into the field **Name**.
4. Select option **NetworkLS** and click **Add**.





5. Close Configuration Tools and save changes



6. The client workstation license is now operationnal.

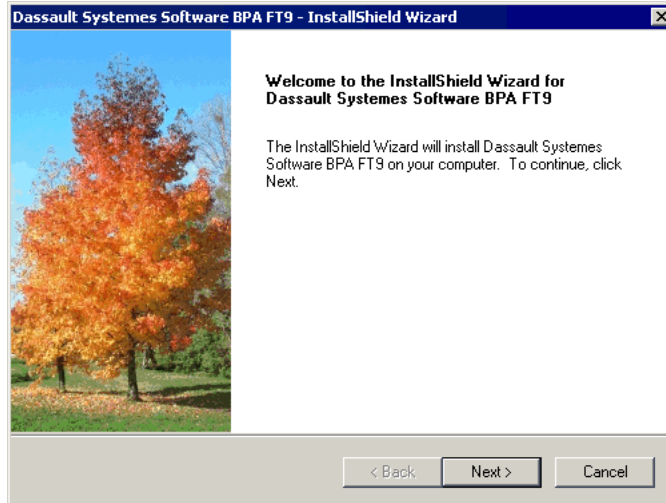
## Note

When a client is launched, a license is attached to this client and the information is registered on the license server (if there is at least one available license). In order to visualize the total number of licenses and the number of licenses in use, refresh the main view of the *Basic License tool* located on the LUM server.

# FT9 Installation

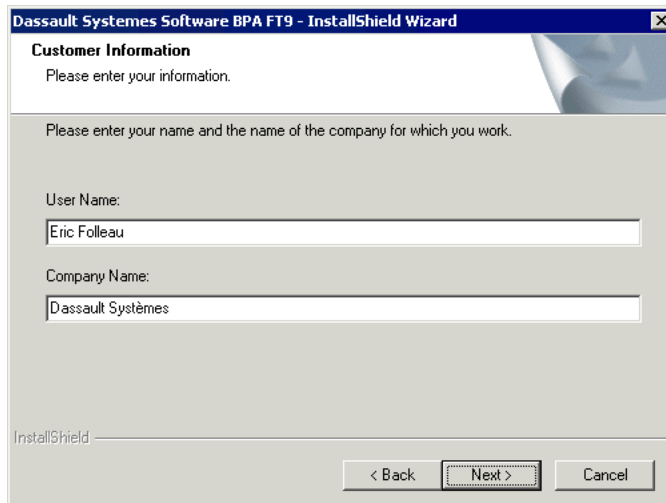
## Installing FT9

1. To install FT9, double click on FT9 .exe.



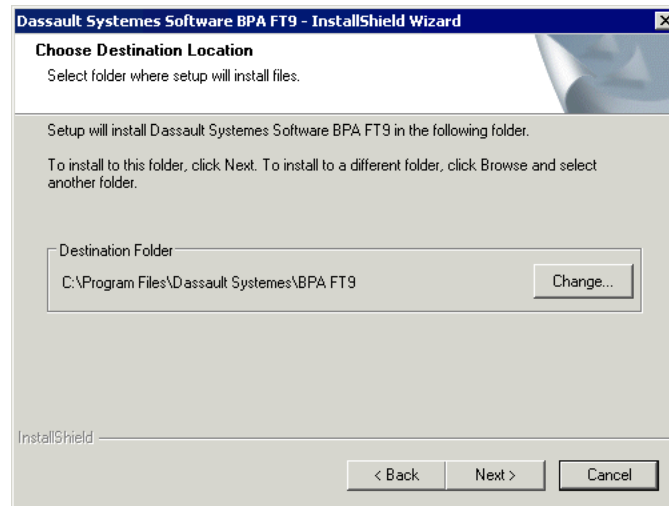
Click **Next**.

2. Enter customer information.



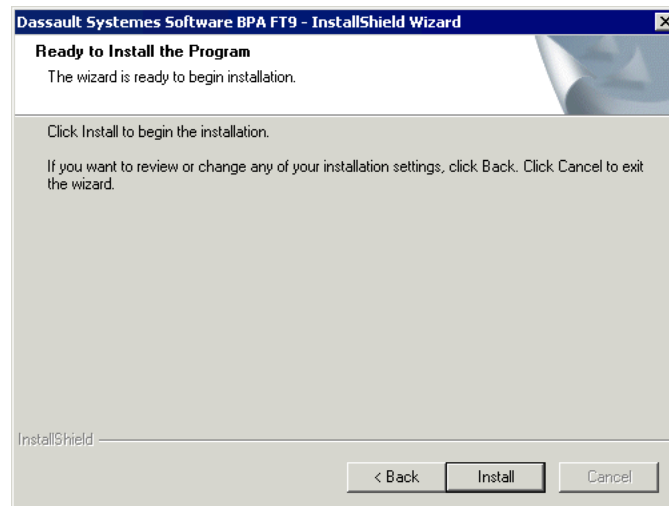
Click **Next**.

3. Specify where to install the application.

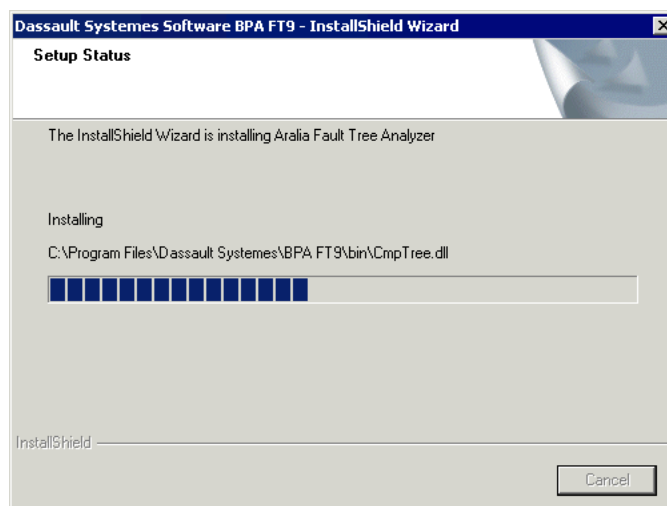


Click **Next**.

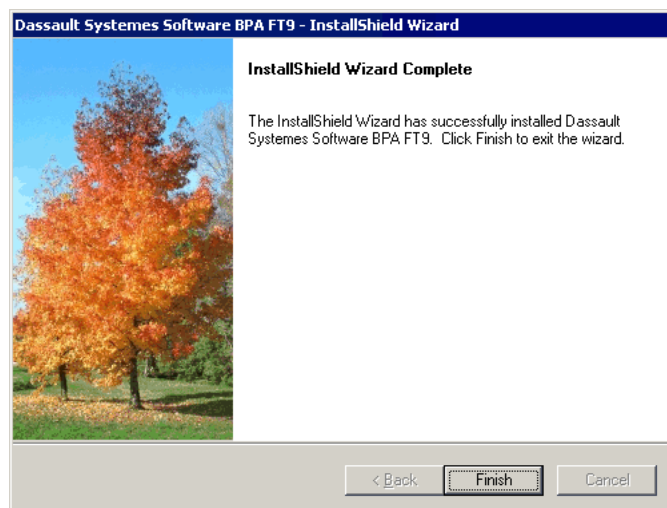
4. Click **Install**.



The following window shows the setup status.

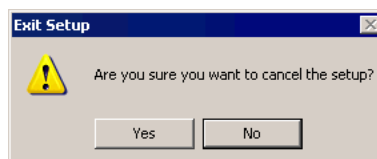


5. Once the installation is completed, the following window shows up:



Click **Finish** to quit the installation wizard.

Note that it is possible to quit the installation anytime by clicking **Cancel**. The following window shows up:



Click **Yes** to quit or **No** to go back to the installation procedure.

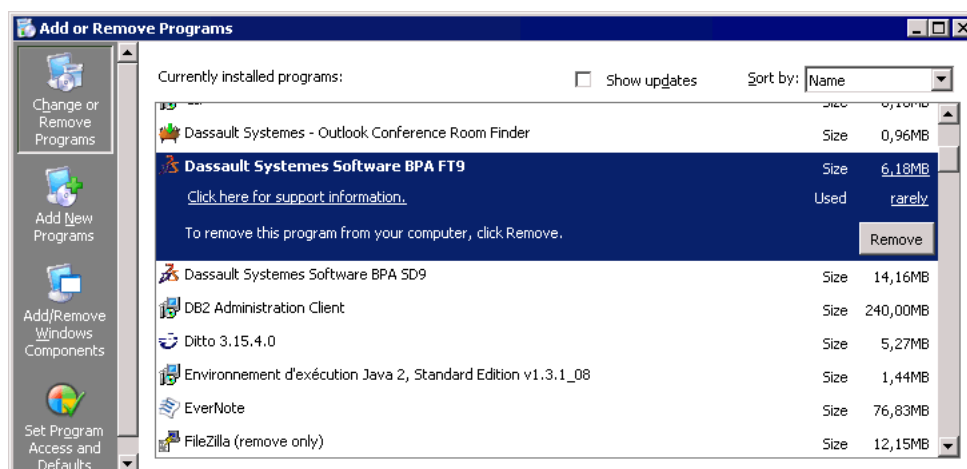
If the cancelation is confirmed, the following panel shows up:



Click **Finish** to quit the setup Wizard.

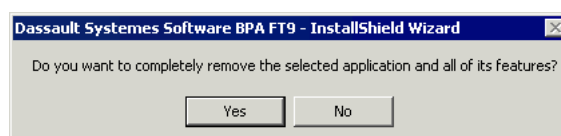
## Uninstalling FT9

1. Go to Control Panel and then select **Add or Remove Programs**. Then, select Dassault Systèmes Software BPA FT9.



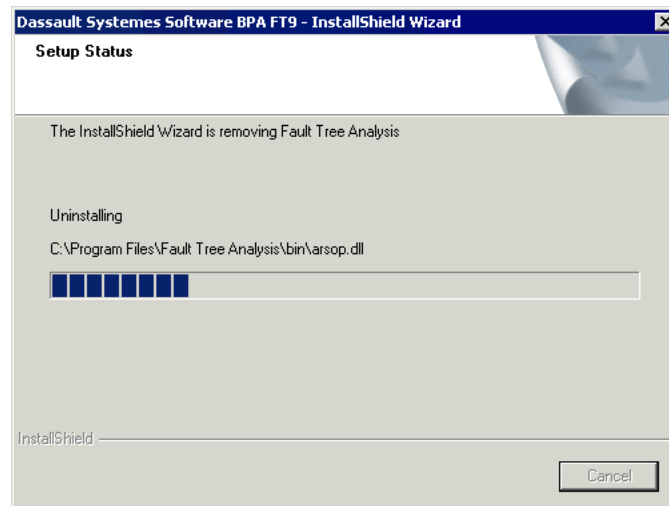
Click **Remove**.

2. The following window shows up:

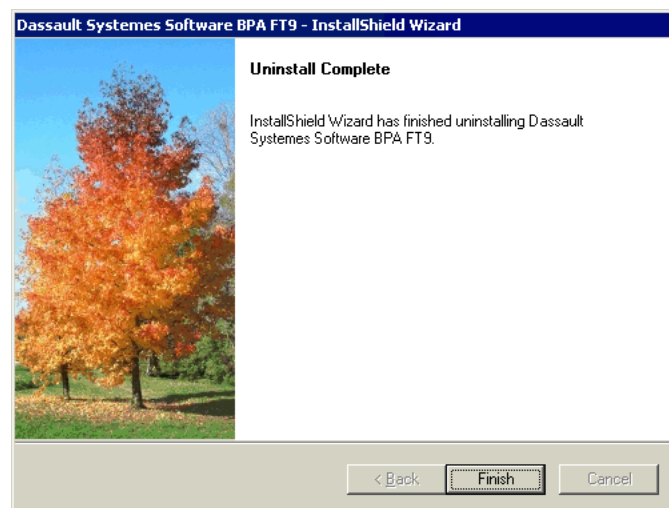


Click **Yes** to confirm or **No** to cancel.  
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During the uninstallation, the following panel appears :



3. Once the application is uninstalled, the following panel shows up:



Click **Finish** to quit the uninstaller.

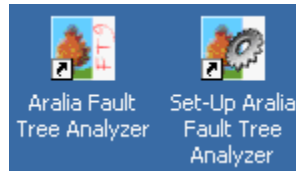
## Launching FT9

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To start the application, go to **Start/All Programs** and select FT9.



Alternatively, double click on the FT9 icon on the desktop.



Click on

- *Aralia Fault Tree Analyzer* to start the application.
- *Set-Up - Aralia Fault Tree Analyzer* to configure the application.