



Restricted



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Installation of MorphoManager software



Link for MorphoManager Software

Where do I find MorphoManager Software?

1. Go to <https://www.morphomanager.com/> and download both Server and Client



Computer Hardware Requirements

Computer hardware requirements

Processor:	Dual Core CPU
RAM:	4 GB
Ports:	Three USB ports
Network:	100Mbs Ethernet port required for client/server connections.
Internet Access:	Required for updates. (If no internet access is available, updates can be installed via USB memory stick or CD Rom)
Screen Resolution:	1080p

Supported Operating Systems

MorphoManager Server:

- Microsoft Windows 7 SP1 64-bit - [KB4019990](#) update installed
- Microsoft Windows 8.1 64-bit - [KB4019990](#) update installed
- Microsoft Windows 10 64-bit (Anniversary update or later)
- Windows Server 2008 R2 SP1 64-bit - [KB4019990](#) update installed
- Windows Server 2012 64-bit - [KB4019990](#) update installed
- Windows Server 2012 R2 64-bit - KB2919355 update installed
- Windows Server 2016 R2 64-bit

MorphoManager Client:

- Microsoft Windows 7 SP1 32-bit / 64-bit - [KB4019990](#) update installed
- Microsoft Windows 8.1 32-bit / 64-bit - [KB4019990](#) update installed
- Microsoft Windows 10 32-bit / 64-bit (Anniversary update or later)
- Windows Server 2008 R2 SP1 64-bit - [KB4019990](#) update installed
- Windows Server 2012 64-bit - [KB4019990](#) update installed
- Windows Server 2012 R2 64-bit - KB2919355 update installed

Database server:

- SQL Server 2014 SP3 or newer



Computer Hardware Requirements

MorphoManager Universal BioBridge

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		<u>50 Devices</u> <u>1,000 Users</u>	<u>100 Devices</u> <u>5,000 Users</u>	<u>1,000 Devices</u> <u>50,000 Users</u>	<u>5,000 Devices</u> <u>100,000 Users</u>
MM Server	RAM Memory	4GB	4GB	12GB	16GB
	Processors *	2 <u>Cores</u>	2 <u>Cores</u>	6 <u>Cores</u>	8 <u>Cores</u>
	Hard Drive	1GB	1GB	2GB	5 GB
SQL Server	RAM Memory	4GB	4GB	12GB	16GB
	Memory <u>Space</u> **	15GB	20GB	200GB	500GB



For MorphoManager Software 15X and newer

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SQL server Compact Edition 4.0 is selected by default and is the option for smaller installations. The SQL Server 2014 SP3 or later edition is used on larger installations, or where an existing SQL Server is already available. It is recommended to use SQL Server for any live production environment.

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Installation of MorphoManager Server



MorphoManager Server Installation

MorphoManager Server

Installing MorphoManager Server

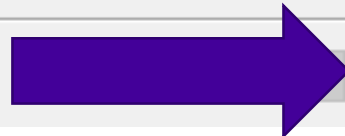


Follow the Wizard by hitting next

Welcome to the MorphoManager Server Installation Wizard.

This wizard will guide you through the steps needed to install MorphoManager Server and it's required components.

To begin the installation, click "Next".



Next >>

Finish

Cancel



MorphoManager Server Installation

MorphoManager Universal BioBridge

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MorphoManager Server

Installing MorphoManager Server



End User License Agreement

MorphoManager End User License Agreement

License Agreement
Please read the End-User License Agreement ("EULA") below. If you do not agree to the terms of this agreement promptly return your distribution materials to the place you obtained them for a full refund.

End-User License Agreement
By installing, copying, or otherwise using the SOFTWARE PRODUCT, you agree to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, promptly return the entire unused SOFTWARE PRODUCT to the place from which you obtained it for

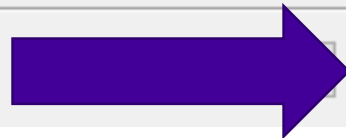
I have read, understood and agreed to the terms of the End User License Agreement and so signify by clicking 'I accept the terms of the License Agreement' and proceeding to using this product

I accept the terms of the License Agreement

Next >> Finish Cancel

Accept the terms

Next





MorphoManager Server Installation

MorphoManager Server

Installing MorphoManager Server



Installation Folder

Install MorphoManager Server to:

C:\Program Files\Morpho\MorphoManager\Server

Browse

Next >>

Finish

Cancel

Default location of the installation folder,

Next



MorphoManager Server Installation

MorphoManager Universal BioBridge

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Firmware Version Confirmation

MorphoManager requires biometric devices with a minimum firmware version. The minimum firmware required for this version of MorphoManager is listed below. Biometric Devices with a firmware version less than the minimum firmware will continue to function with their last known state, but MorphoManager will not add, edit or delete users and will not update configuration until the biometric device is updated to the required firmware or newer firmware.



MA 100 Series requires 3.2.10 or newer firmware
MA J Series requires 3.8.0 or newer firmware
MA 500 Series requires 3.9.0 or newer firmware
MA VP Series requires 3.11.0 or newer firmware
MA Sigma Lite Series requires 4.5.1.0 or newer firmware
MA Sigma Lite+ Series requires 4.5.1.0 or newer firmware
MA VP MD Series requires 4.7.3 or newer firmware

I have read and understood that biometric device(s) state will not be updated if the firmware version is less than the required minimum firmware.

Next >>

Finish

Cancel

Minimum requirements of firmware on the device, understand the terms

Next

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MorphoManager Server Installation

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Installing MorphoManager Server



Usage requirements

Please enter the following information (number of devices, users) to allow us to recommend the best database provider for your system. You may override this recommendation.

MorphoAccess 2G Devices (MA-J/MA500/MA-FVP):	20
MorphoAccess Sigma Devices:	10
Morpho 3D Face Reader Devices:	0
Number of users to be biometrically enrolled:	300

Recommended Database Provider: **Microsoft SQL Server Compact Edition 4.0**

I wish to override the system recommendation and select a database provider

Microsoft SQL Server Compact Edition 4.0

<< Back

Next >>

Finish

Cancel

At this point this is the database installation:

There are two database provider types:

- SQL Server (2005 or later)
- SQL Server Compact Edition 4.0



MorphoManager Server Installation

MorphoManager Server

Installing MorphoManager Server



Usage requirements

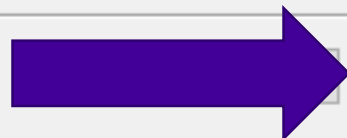
Please enter the following information (number of devices, users) to allow us to recommend the best database provider for your system. You may override this recommendation.

MorphoAccess 2G Devices (MA-J/MA500/MA-FVP):	20
MorphoAccess Sigma Devices:	10
Morpho 3D Face Reader Devices:	0
Number of users to be biometrically enrolled:	300

Recommended Database Provider: **Microsoft SQL Server Compact Edition 4.0**

I wish to override the system recommendation and select a database provider

Microsoft SQL Server Compact Edition 4.0



Next >>

Finish

Cancel

If you used the Compact Edition your limited to 1 GB of data and this is usually only for small applications.

Click next if you wish to use the Compact Edition



MorphoManager Server Installation

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Usage requirements

Please enter the following information (number of devices, users) to allow us to recommend the best database provider for your system. You may override this recommendation.

MorphoAccess 2G Devices (MA-J/MA500/MA-FVP):	20
MorphoAccess Sigma Devices:	10
Morpho 3D Face Reader Devices:	0
Number of users to be biometrically enrolled:	300

Recommended Database Provider: **Microsoft SQL Server Compact Edition 4.0**

I wish to override the system recommendation and select a database provider

Microsoft SQL Server 2005 Express or greater

Next >>

Finish

Cancel

If you wish to use your own Database then click **I wish to override system recommendations** and use the drop down arrow and **select SQL Server 2005 or greater**

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SQL Server Connection

Please enter the connection details required to connect to your Microsoft SQL Server instance (2005 or greater).

Server:

Use integrated security

Username:

Password:

Create new database

Database:



Use integrated security or uncheck and use proper credentials



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SQL Server Connection

Please enter the connection details required to connect to your Microsoft SQL Server instance (2005 or greater).

Server: MPH-5CG5451Q9D\SQLEXPRESS

Test

Use integrated security

Username:

Password:

Create new database

Database:

Database connection



Database connection test succeeded. You may now opt to have the system create a new database on your behalf or select a database to use from the drop down list below.

OK

<< Back

Next >>

Put in your Server address that host the SQL

Hit Test






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SQL Server Connection

Please enter the connection details required to connect to your Microsoft SQL Server instance (2005 or greater).

Server:

Use integrated security

Username:

Password:

Create new database

Database:

<< Back Next >> Finish Cancel

If you leave it as default it will create the tables inside the database automatically

If you uncheck you can select your database that you want the tables to be created too

*The database has to already exist in your SQL





MorphoManager Server Installation

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SQL Server Connection

Please enter the connection details required to connect to your Microsoft SQL Server instance (2005 or greater).

Server:

Use integrated security

Username:

Password:

Create new database

Database:

If you uncheck you can select your database that you want the tables to be created too using the drop down arrow

Click Next



MorphoManager Server Installation

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Installing MorphoManager Server



Installing Components

Performing pre-install operations...done!

Installing components (3/6)...

Installing Visual C++ 10.0 runtime package

Installation commencing

<< Back

Next >>

Finish

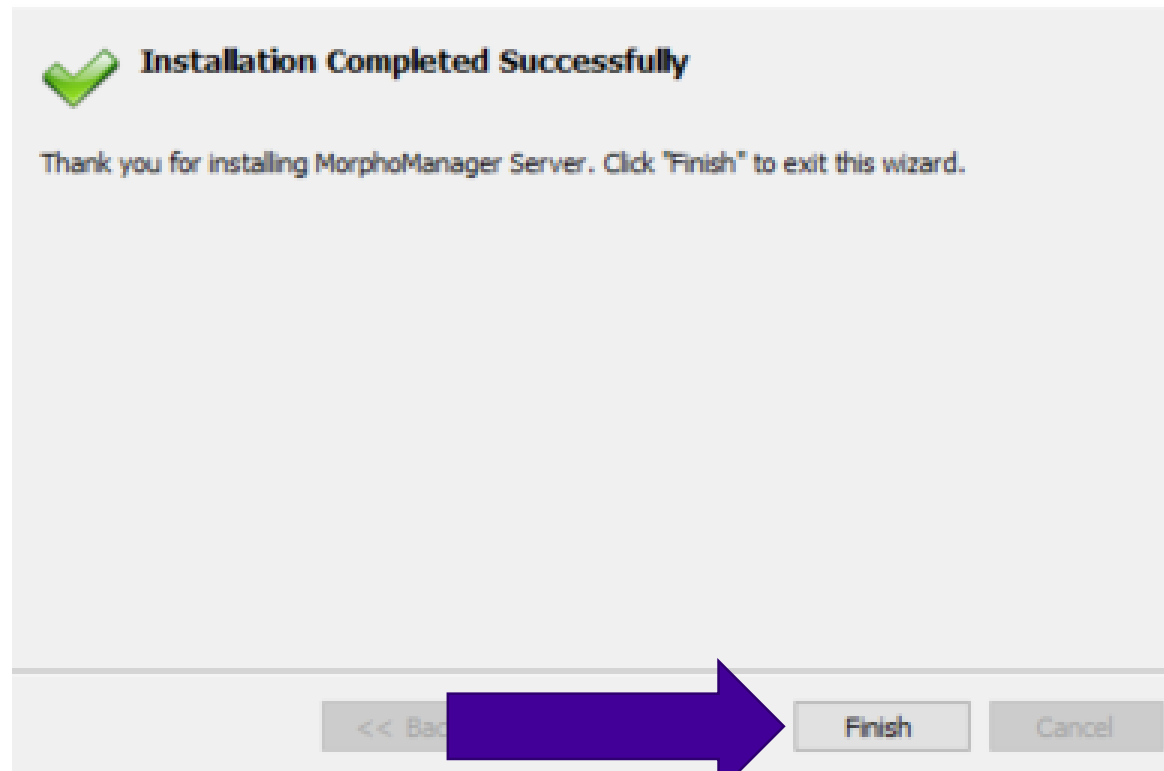
Cancel



MorphoManager Server Installation

MorphoManager Server

Installing MorphoManager Server



Installation Completed



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Installation of MorphoManager Client



MorphoManager Client Installation

MorphoManager Client

Installing MorphoManager Client

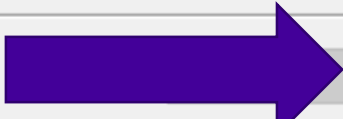


Follow the Wizard by hitting next

Welcome to the MorphoManager Client Installation Wizard.

This wizard will guide you through the steps needed to install MorphoManager Client and it's required components.

To begin the installation, click "Next".





MorphoManager Client Installation

MorphoManager Universal BioBridge

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End User License Agreement

MorphoManager End User License Agreement

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I have read, understood and agreed to the terms of the End User License Agreement and so signify by clicking 'I accept the terms of the License Agreement' and proceeding to using this product

I accept the terms of the License Agreement

Accept the terms

Next

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MorphoManager Client Installation

MorphoManager Client

Installing MorphoManager Client



Installation Folder

Install MorphoManager Client to:

C:\Program Files (x86)\Morpho\MorphoManager\Client

Browse

Next >>

Finish

Cancel

Default location of the installation folder,
Next



MorphoManager Client Installation

MorphoManager Universal BioBridge

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Installation commencing

Installing Components

Performing pre-install operations...done!

Installing components (8/13)...

Installing MorphoWave USB 64bits Driver

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Next >>

Finish

Cancel

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MorphoManager Client Installation

MorphoManager Client

Installing MorphoManager Client



Installation Completed Successfully

Thank you for installing MorphoManager Client. Click "Finish" to exit this wizard.

Installation Completed

<< Back



Finish

Cancel



MorphoManager Client Installation

MorphoManager Client

Installing MorphoManager Client



Reboot Required

One or more components installed during the installation of MorphoManager Client requires the system to be restarted.

Would you like to restart the sytem now?

Yes No

<< Back Next >> Finish Cancel

It will ask you to restart the PC say yes



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MORPHOMANAGER DEFAULT LOG IN



USERNAME-administrator
PASSWORD-password



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Registration of MorphoManager Software

*****If installed on a VM you need to place a support ticket to get the registration file *****

Support:

<https://biometricdevices.idemia.com/s/global-search/0690X00000DqF6aQAF?sharing=true>

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Registration of MorphoManager Software

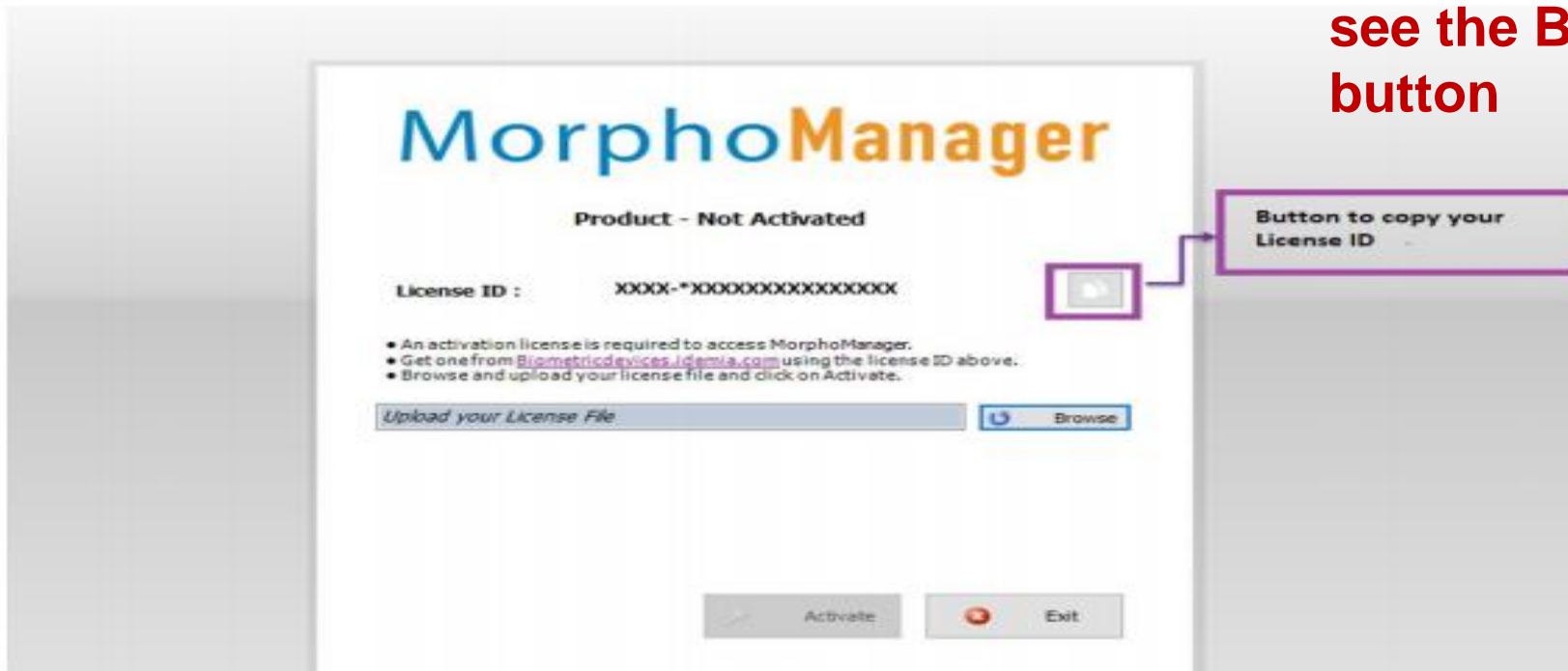
MorphoManager Client Software requires the MorphoManager Server software to be activated before starting.

The MorphoManager Product Activation process will be automatically shown at the first launch of MorphoManager Client.

Procedure for License request

1. Launch MorphoManager Client 15.3.0 or higher

HINT: Change your PC Scale Display to 100% or you will not see the Browse button



2. Copy license ID



Registration of MorphoManager Software

3. Place a License request

3.1. For Physical Machine Deployment

- Click on the link [Biometricdevices.idemia.com](https://biometricdevices.idemia.com) on the MorphoManager Client.
- Fill the form and Click on **Next**

The screenshot shows a web form titled "Activation Key Generator". The form is titled "Please fill the form" and includes a sub-instruction: "(enter a valid email address to receive your Activation Key)". The form contains the following fields, all marked with an asterisk as required:

- *FIRST NAME: [Text input field]
- *LAST NAME: [Text input field]
- *EMAIL: [Text input field]
- *JOB TITLE: [Text input field]
- *COMPANY: [Text input field]
- *WEBSITE: [Text input field]
- *COUNTRY: [Dropdown menu]
- *ADDRESS: [Text input field]
- *MOBILE: [Text input field]
- *PURCHASED PRODUCTS: [Text input field]
- *COMPANY YOU PURCHASED FROM: [Text input field]

A "NEXT" button is located at the bottom right of the form.

- Paste your License ID and **Submit** your request.



Registration of MorphoManager Software

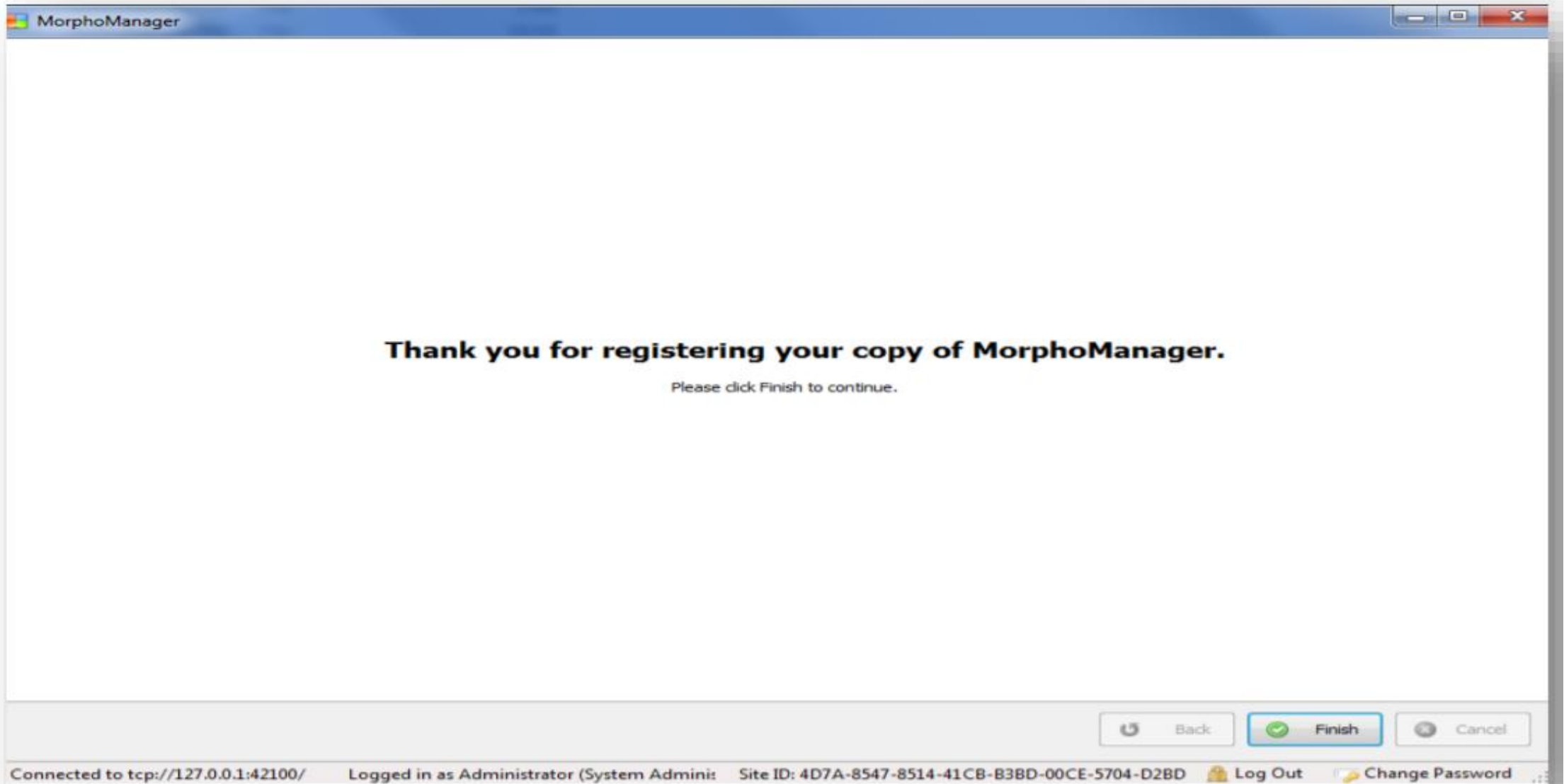
- Paste your License ID and **Submit** your request.

The screenshot shows a web form titled "Activation Key Generator". The form contains the following elements:

- A heading: "Activation Key Generator"
- A prompt: "Please enter your License ID" with a sub-note "(as displayed by ICEMMA software at the end of installation)"
- A text input field containing the license ID: "3910-729W5-8BQ2L2BH41R6"
- A "PREVIOUS" button on the left and a "SUBMIT" button on the right.



Registration of MorphoManager Software





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Website

Please visit our website,
<https://biometricdevices.idemia.com/s/>
for software, firmware, videos and PDF'S