

Veera Construct Enterprise Installation Guide



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ABOUT VEERA CONSTRUCT

Veera (Visual Engine for Enterprise Reporting and Analysis) Construct is a powerful tool that allows you to turn data into actionable knowledge. Using Veera Construct, you can transform data into workflow processes, create and share jobs with colleagues and simplify data and reporting needs. Having the ability to merge and integrate data from any one or multiple disparate data sources allows for:

- A revolutionary new way of working with data
- Implementing solutions quickly, based on existing architecture
- Getting the right data, at the right time, to make the right decisions
- Streamlining and automating reporting
- Easily finding and tracking errors in current reporting processes

THIS DOCUMENT

Veera Construct has been developed to work in a number of configurations. This document describes the process for installing, licensing, and updating all components of Veera Construct Enterprise, the client-server version of the product.

SYSTEM REQUIREMENTS

Veera Construct Enterprise requires that the following *minimum* criteria be met on both the client and server platforms prior to the installation:

- Windows 7, or later
- .NET Framework 4.6.1 and its requirements
- 2 GHz 32-bit (x86) or 64-bit (x64) processor
- 4 GB of available system memory
- 100 MB available hard drive space
- 32 MB of graphics memory
- Internet access

VEERA CONSTRUCT ENTERPRISE OVERVIEW

Veera Construct Enterprise is comprised of two main components – the Veera Construct Enterprise Server and the Veera Construct Enterprise Client. These are placed on separate machines occupying the same domain of a local area network (LAN).

Veera Construct Enterprise Server

The Veera Construct Enterprise Server (or Enterprise Server) component is the workhorse of an Enterprise installation. This component runs on its host computer as a service rather than an application. This means that, unless intentionally stopped, the Veera Construct Enterprise Server is invisibly running whenever its computer is. Multiple Veera Construct Enterprise Clients can connect to the same Veera Construct Enterprise Server, as long as it's on the same network domain as they are. The Veera Construct Enterprise Server is also the keeper of all the data processing "jobs" Enterprise Client users create, all the data source references/pointers their jobs rely upon, and it performs all of the computations required by these jobs to produce their results. These three characteristics of the Enterprise Server provide the advantages of a Enterprise Client installation – easily sharing jobs between users and the ability to schedule jobs to run without the Enterprise Client component even being on.

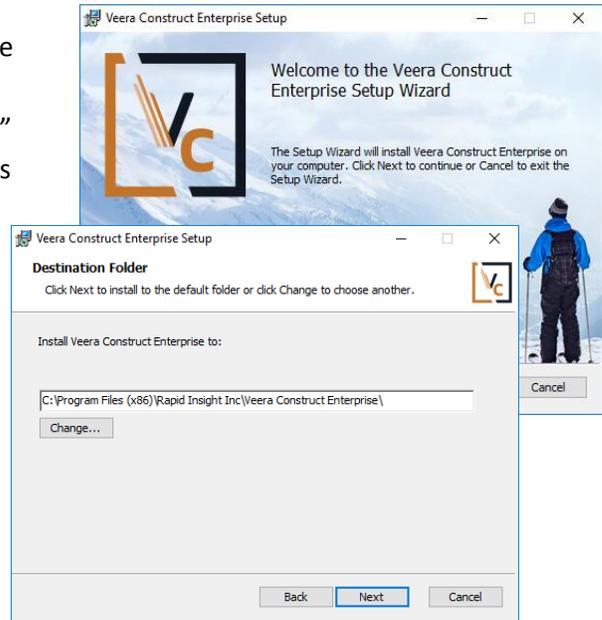
Veera Construct Enterprise Client

Veera Construct Enterprise Clients (or Enterprise Clients) are installed directly onto users' computers. They interact with an Enterprise Server, passing the commands it needs to perform all of Veera Construct's actions on their behalf. The Client locally stores several custom settings unique to its user.

INSTALLING ENTERPRISE SERVER

Enterprise Server Installation

1. Run the Enterprise installer
“VeeraConstructEnterprise64.msi” or run the setup program
“VeeraConstructEnterprise64WebSetup.exe” (which will check for and install prerequisites before downloading and running the .msi installer file). Click NEXT.
2. Enter a new destination path where the server files will be installed, or accept the default path. Click NEXT.
3. Accept the terms and conditions by checking the box, then click NEXT.
4. Once the program has successfully been installed, a splash screen stating that the installation is complete will appear. Click FINISH.
5. The Veera Server service will be started automatically once the installation is successfully completed

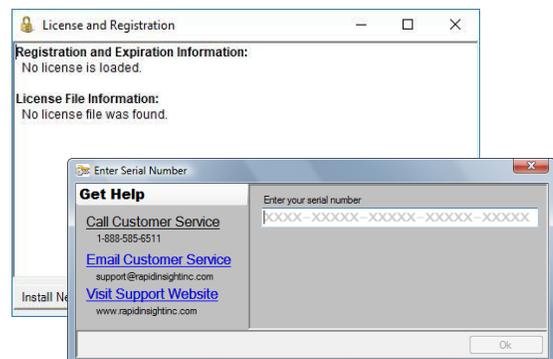


Licensing the Enterprise Server

Locate the Veera Construct Enterprise Manager in the Windows Program List and run it to start the licensing and registration process.

Licensing and Registration Process

1. When Enterprise Server or Enterprise Client is launched for the first time, a “License and Registration” window will open. Click Install New License in the dialog box.
2. Paste or type in the serial number provided by Rapid Insight and click OK. If a serial number has not been provided, please contact support.



- The serial number will be verified against the Rapid Insight license server. This requires an active internet connection and the ability to verify with the site through any firewalls or virus scan software. It may be necessary to add exceptions to a web filter for both of these sites in:

<http://license.rapidinsightinc.com/RapidInsightLicensingService.aspx>

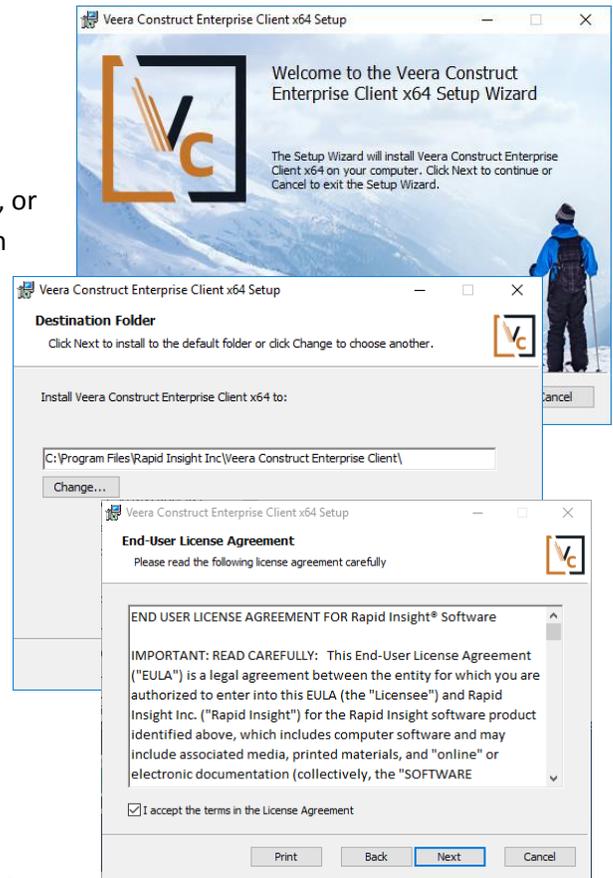
<http://update.rapidinsightinc.com/RapidInsightUpdateService.aspx>

- Once the serial number is verified, the software must be registered. Enter the requested information and click Register. All of the fields on this screen are required.
- After registration, the license has to be locked the machine's hardware so that the license can only be used on the registered computer. Click the 'Lock' button to continue. The software is ready for use.



Enterprise Client Installation

- Locate the folder labeled "VeeraConstructEnterpriseClient" on the Enterprise Server.
- Run the MSI Client installer from that location, or copy the MSI to the computer that will host an Enterprise Client and run it from there.
- Click NEXT on the opening splash screen.
- Accept the terms and conditions by checking the box, then click NEXT.
- Enter a destination path where the client files will be installed. Click NEXT.
- Click INSTALL to begin the installation.
- Once the program has successfully been installed, a splash screen stating that the installation is complete will appear. Click FINISH.



Licensing a Enterprise Client

Locate the Enterprise Client in the Windows Program List and run it to start the licensing and registration process.

DATA ACCESS CREDENTIALS

All connections to data sources and data destinations (outputs) are made from the vantage point of the Enterprise Server. As such, any sets of data drivers that need to be installed (such as the Oracle Client) must be accomplished on the server rather than any of the clients. Any credentials that are required are also drawn from the server-side. This means the a user opting to make use of “Windows Credentials” to connect to a data source is actually relying upon the log in credentials on the server rather than those used to start the client machine.

Go to TOOLS > OPTIONS > USER CREDENTIALS and enter an appropriate set of Windows credentials. For a more detailed description of how to attach to a specific data source, please refer to the Veera Construct User Manual.

ENTERPRISE SERVER SERVICE CREDENTIALS (optional)

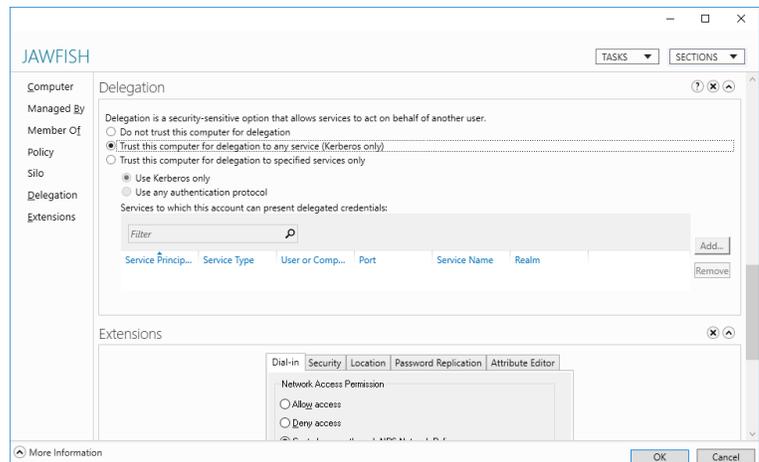
The Veera Construct Server Service works under a set of credentials (username/password). The credentials that are used by default may not always possess sufficient rights to run Veera effectively. To review and, if necessary, change these credentials, do the following:

- Open the Services window on the machine acting as the Veera Construct Enterprise Server
- Right-click on the Veera Construct Server Service in the list and select “Properties”
- Select the “Log On” tab
- Change the account information to a set of credentials with sufficient privileges.
- Apply the new credentials
- Stop then Start the Veera Construct Server Service

DELEGATING ACCESS CREDENTIALS

Users are sometimes required to submit their Windows credentials when accessing a data source, especially database servers. Access may be denied unless the Active Directory controller has been properly configured to “delegate” authority to the Enterprise Server to make such connections on behalf of Enterprise Clients.

To do this, open the network’s Active Directory Admin Center. Select the computer on which the Veera Construct Enterprise Server is installed and view its "Delegation" properties. Set this to trust delegation to any service and save the change.

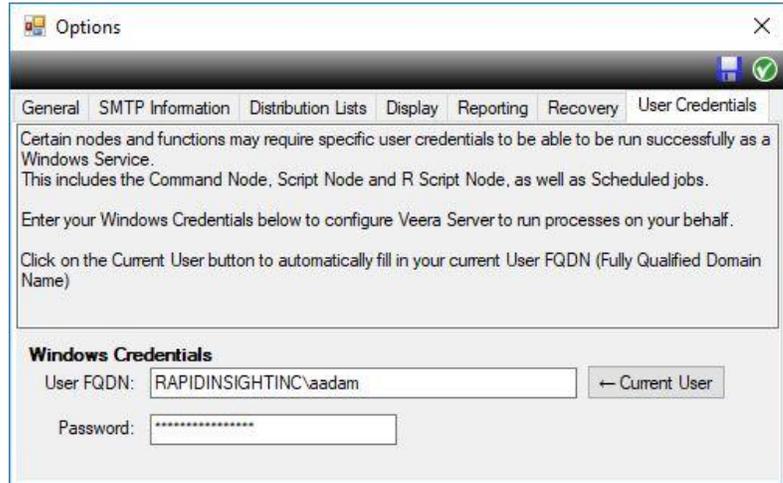


NOTE – if there are no data sources that require users' Windows Credentials, then configuring the network to permit delegating credentials can be skipped.

ADDING WINDOWS CREDENTIALS

Certain nodes and functions may require the specific user's Windows credentials be provided by the Enterprise Client to run effectively under a Windows Service. These include COMMAND, SCRIPT, and R SCRIPT nodes, as well as any job scheduled to run automatically.

Enter the user's Windows (login) credentials in the Veera Client under TOOLS > OPTIONS > USE CREDENTIALS.



INSTALLING UPDATES TO THE PROGRAM

To check for updates to the Veera Server, open the Veera Construct Enterprise Manager and click on the Check for Updates button. If one is found, the user will be given the opportunity to download and install it.

The Enterprise Client will automatically request permission to check for program updates on a weekly basis. If one is found, the user will be given the opportunity to download and install it.

RELOCATING THE ENTERPRISE SERVER TO NEW HARDWARE

If the need arises to transfer the Enterprise Server to a new piece of hardware, here are several steps that should be taken in order to make the move as smooth as possible while avoiding any possible data loss.

1. Open the Enterprise Manager program on the existing server (this will appear in the Windows Program list). Use the Enterprise Manager program to...
 - a. Create a Veera Construct Database Backup all of the clients' content (jobs and connections) and save the resulting .VCB file in a safe location (as a safety backup)
 - b. Unlock/uninstall the Enterprise Server license (Check Server License > Uninstall License). This will allow for it to be reapplied to the new environment
2. Install a new copy of the Enterprise Server on the new machine (see instructions above).
3. Copy the folder "C:\ProgramData\Rapid Insight Inc\" from the original server machine and paste it onto the new server, overwriting the existing copy of that folder.

4. Open the Enterprise Manager program on the existing server and apply the license (Check Server License > Install New License) to the new environment.
5. Stop and restart the service.
6. Locate the folder labeled “VeeraConstructEnterpriseClient” on the server.
7. Copy the file “Client.config” from this location.
8. Paste a copy of this configuration file into the folder “C:\ProgramData\Rapid Insight Inc\Veera Construct\Configuration” of every copy of the Enterprise Client intending to connect to this server (overwriting any copies previously found there).

TRANSFERRING AN ENTERPRISE CLIENT LICENSE TO NEW HARDWARE

If the need arises to transfer the Enterprise Client license to a new piece of hardware, the current software and license must be unlocked first. Since the serial number is specific to the current equipment, it will be required to be unlocked from the current hardware first. Once it has been unlocked the product can be uninstalled and reinstalled on the new hardware. The current license can then be locked to the new machine.

*Note: You need to uninstall the license **before** you uninstall the application. If you already uninstalled the application before unlocking the license, then reinstall the application, unlock the license, and then uninstall it again.*

UNINSTALLING/UNLOCKING A CLIENT LICENSE

1. To begin to uninstall an Enterprise Client license, start the program, select Help from the menu bar, then select License and Register. To begin to uninstall a Veera Server license, open the Veera Enterprise Manager and click on the Check Server License button.
2. Click Uninstall License.
3. Since this will render the current product unusable, the product will prompt for confirmation of the uninstall process.
4. Click YES to continue.
5. The next prompt will be to unlock the license so that it can be properly removed from the current hardware. Click on Unlock license when prompted.
6. Uninstall the application from the workstation.
7. Reinstall the application with the same license on the new machine and proceed with registration and locking of the software.

EXPIRED LICENSE

It is the practice of Rapid Insight to send a renewal notice to the licensed user 30 days prior to the expiration of the license. When the renewal has been confirmed, the term of the license is extended. If the renewal lapses and is not confirmed, the software will expire and not be accessible.

TO RENEW A LICENSE

Once the renewal has been confirmed, the license will be useable without having to reinstall the software. If you receive a license error before the term of the license has expired, please contact Rapid Insight Support to have the issue resolved.

POINTS TO REMEMBER

- Veera Enterprise Server acts as the focal point for all of the software's interactions. The data sources that will contribute their records to any analyses must be reachable from that server.
- As the Enterprise Server runs as a Windows Service, there are a set of network credentials associated with that service. These credentials provide access to drives on the computer hosting the Enterprise Server as well as any machines on the network. The level of access these credentials provide is universal; all Enterprise Clients enjoy the same level of access.
- Users of the individual Enterprise Clients logging into the Enterprise Server do so either using their Windows credentials or a username & password exclusive to Veera Construct Enterprise. These credentials are currently used solely for the purpose of communicating with the Veera Server.
- Each Enterprise Client user establishes their own, unique connections to data sources. These connections are never shared between users. If credentials are necessary to access the data (as in the case of a database server) then these are saved in an encrypted form along with the connection.

CONTACT US

For any issues/questions about Rapid Insight Veera, please send an email to Support at support@rapidinsightinc.com