



ramco



# Ramco Aviation Solution

Version 5.8

**VirtualWorks™ RT Patch Installation**

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### Revision History

Version	Date	Author	Description
1.0	11/Feb/2014	Karthik R	Created

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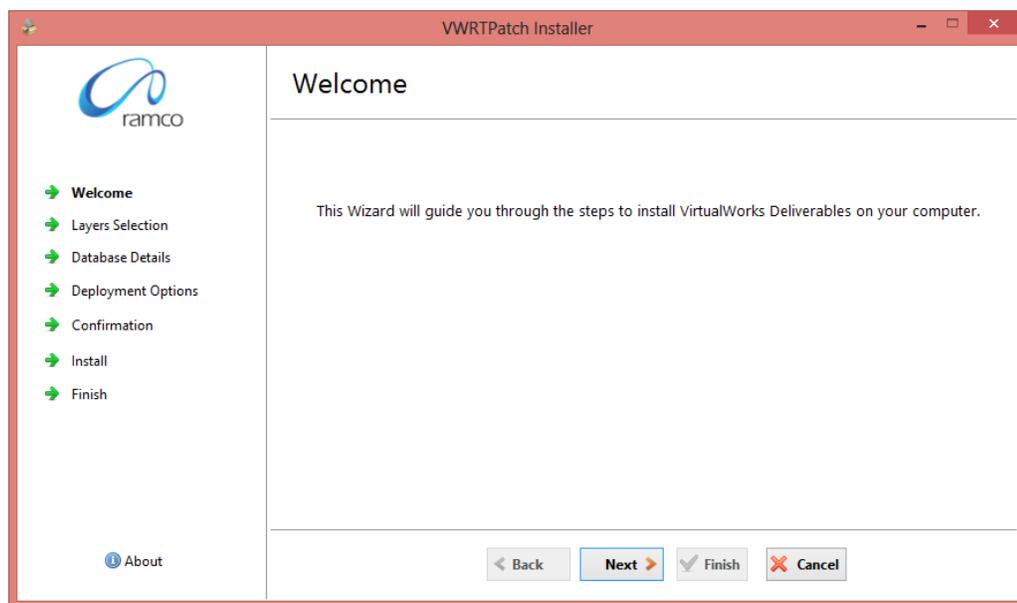
## VirtualWorks™ DotNet Runtime – Patch Installation

This document walks through the steps for installing VirtualWorks™ .Net Runtime (Microsoft Version) patch installation.

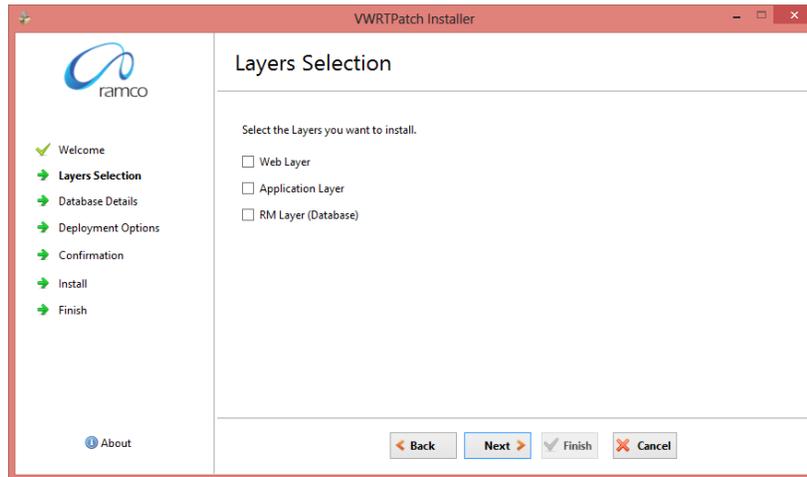
### 1.1 VirtualWorks™ RT Patch Installation

Copy the Runtime Patch installation file (VWRTPatchExtractor.exe) from the VirtualWorks™ installation kit in to a local directory in all the layers viz., WEB, APP and RM (Database). Run the file VWRTPatchExtractor.exe.

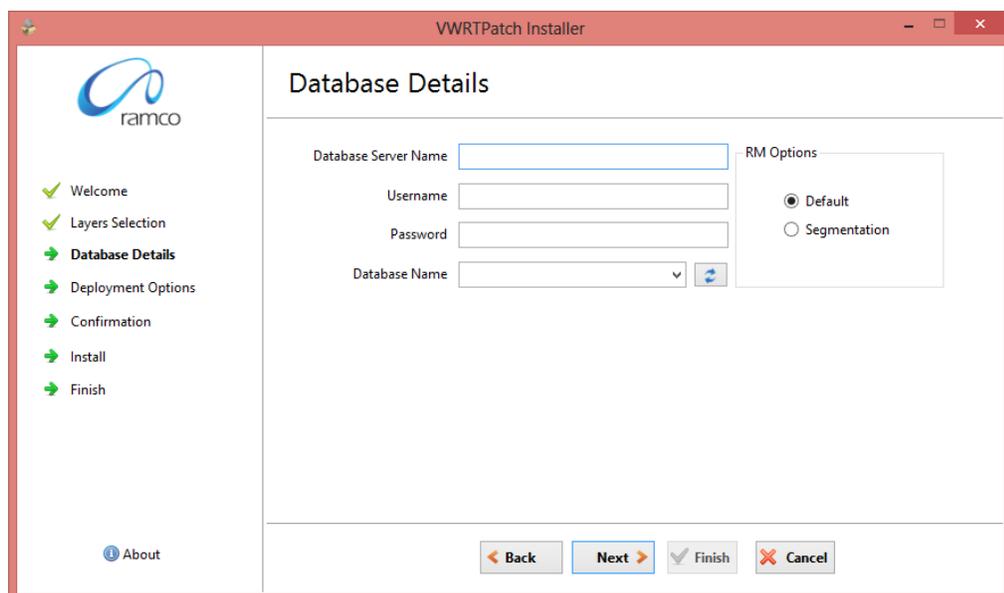
1. The '**Welcome to Ramco Installer**' screen will be launched.



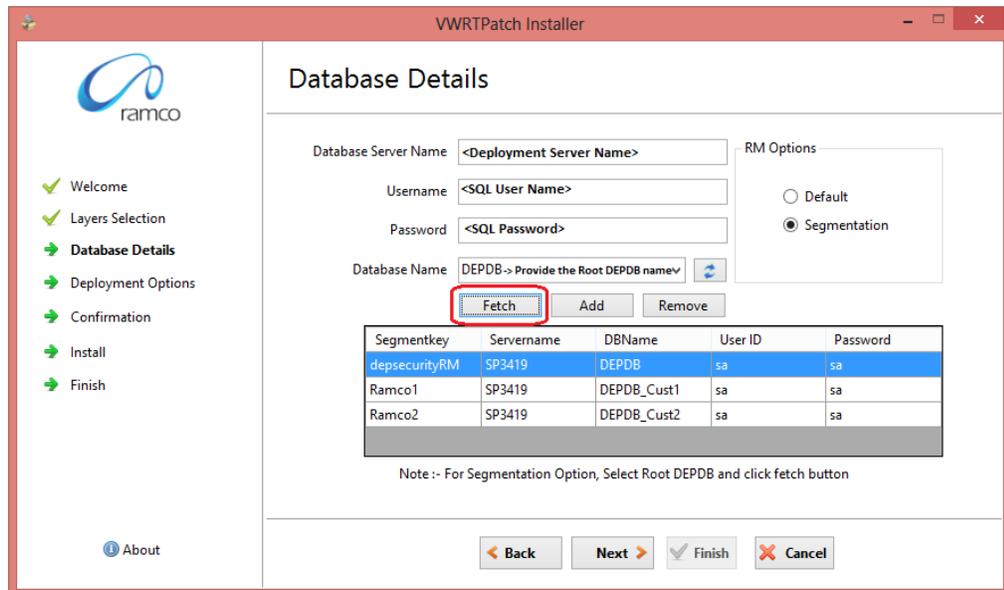
2. The next screen displays the layers that need to be installed in the system from where this installer EXE is being run. Select the respective layer and click on proceed. Keep in mind that this installer EXE need to be run from all layer machines viz., WEB, APP and DB (/RM).



- While selecting the Layers, if DB (/RM) layer is selected, then the following screen (Image 1 – RM Server Setup) will appear wherein, the details of the Deployment database server, SQL connecting User name and Password needs to be provided. If the installation is done on a multi-tenant setup, change the “RM Options” group from “Default” to “Segmentation”. This change will modify the screen as mentioned under Image 2 – RM Server Setup. While providing the Deployment database name in “Segmentation” case, provide the Root Deployment database name and click on **Fetch** button. This will fetch all the tenant specific deployment databases automatically from the Segmentation tables and installer will take care of migrating all the deployment databases to the latest version. Deployment Database name should be same as what was given during Base RM installation. If RM Layer is installed on SQL Cluster box, then Database Server Name should point to the SQL Virtual Server Name.

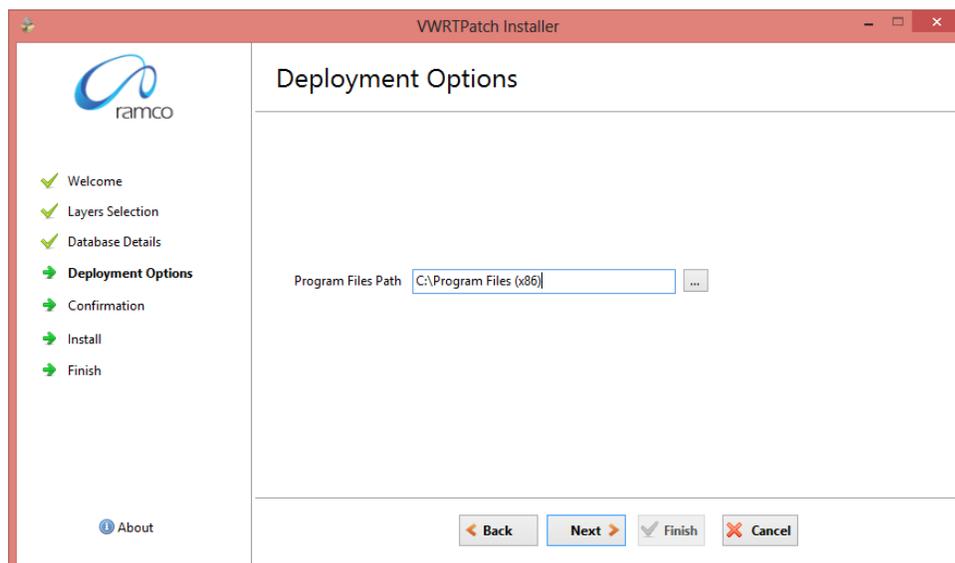


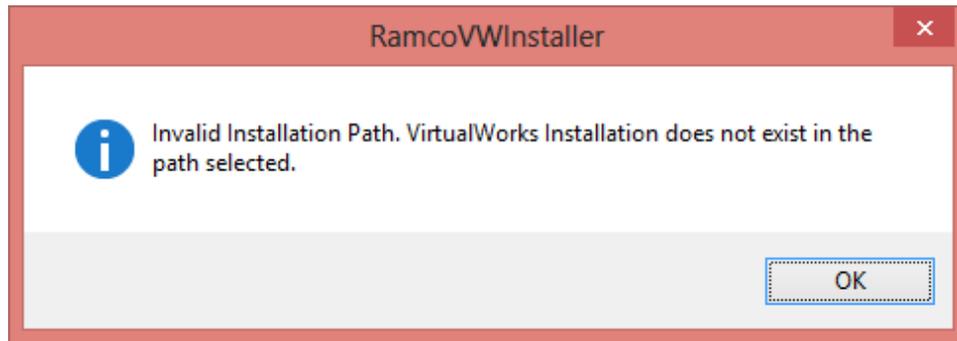
(Image 1 – RM Server Setup)



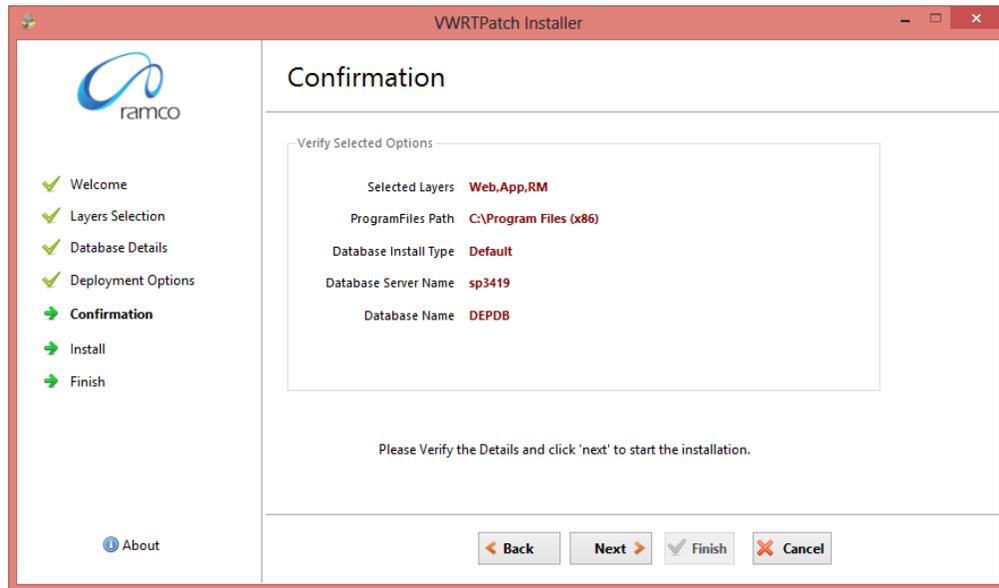
(Image 2 – RM Server Setup)

- The installer will prompt for the target directory where the existing version of VirtualWorks™ is installed. The folder path that is being specified here should be one level above the VirtualWorks folder. For ex.: if the existing installation of Virtualworks™ exist under the folder path "D:\Program Files (x86)\VirtualWorks", then the folder path given in the below image should refer to the path "D:\Program Files (x86)\\" and not till "D:\Program Files (x86)\VirtualWorks". If the path chosen for the installation does not contain any previous version of VirtualWorks™, then the installer would throw an error message which is also displayed below for your reference. On clicking **OK** for the error message, the installation would rollback.

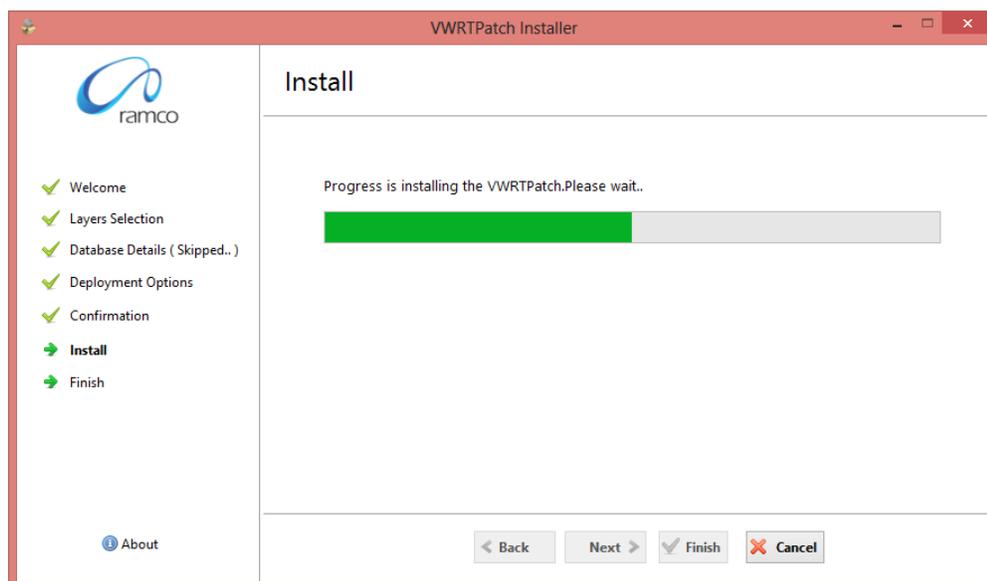




5. Clicking **Next**, system will display the confirmation page wherein all the information selected so far would be displayed. Check the validity of this information and click on **Next** to start the installation.



**Note:** If the installation is to be run on a NLB based WEB / APP layers, run this installer in each of the WEB / APP NLB nodes selecting the appropriate layer checkboxes.



6. If Database (RM) Layer is selected while installing the RT patch, at the completion of the RM Layer installation, installer would throw this message box advising the person who is installing to check the .err files. These .err files (SQL Error files) **must be checked for any errors.** Checking .err files would require SQL expertise and the person who checks for errors should be in position to understand between ignorable errors and errors for which action needs to be taken. In case there are errors which require action, please contact Ramco Support engineers.

Importantly, check the .err files (Error files) in the ..\VirtualWorks\Scripts folder for any errors while running the Database Layer (RM Layer).

7. Once the installation is completed, restart all servers (WEB, APP and Database Layer servers). This completes the installation of VirtualWorksTM Runtime Patch installation.
8. After restarting the server, ensure that Startup Type for following services is set to Automatic.
  - Ramco.VW.RT.GatewayServerHost
  - VWSocketServer

## 1.2 Other Settings

1. Before launching the application URL, go to the properties of the folder ..\VirtualWorks\IIS\Shortcut (in WEB Server) -> go to Security tab and provide Full Control permission to the user group IIS\_USRS (If this group does not exist, you may add the same using the Add button).

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