



ramco



Ramco Aviation Solution

Version 5.8

Installation Manual

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Document References

Document ID	Date	Details
Prerequisites.doc	28/03/2013	Step-by-Step Guide on Prerequisites settings in server before start installing Ramco Aviation Solution.
FileServer.doc	28/03/2013	Step-by-Step Guide to File Server Setup
WebServer.doc	28/03/2013	Step-by-Step Guide to Web Server Setup
AppServer.doc	28/03/2013	Step-by-Step Guide to App Server Setup
RMServer.doc	28/03/2013	Step-by-Step Guide to RM Server Setup
RTPatch.doc	28/03/2013	Step-by-Step Guide to Deploy RVW Runtime Patches
IISSettings.doc	28/03/2013	Step-by-Step Guide for IIS related settings.
AppInstManual.doc	28/03/2013	Step-by-Step Guide to Install Ramco Aviation M&E Application
Server Side Settings.doc	10/07/2012	Step-by-Step Guide for Server Side Settings
Client Side Settings.doc	21/07/2012	Step-by-Step Guide for Client Side Settings
RDW_ARI_v9.0_Installation.pdf	28/03/2013	Step by Step for Ramco DecisionWorks Advanced Reporting Setup
Admin Settings.doc	28/03/2013	Step-by-Step Guide for Administration Activities.
Server Side Mandatory Settings.doc	28/03/2013	Step-by-Step Guide for Settings for Time Out issue
Post Installation Settings.doc	28/03/2013	Step-by-Step Guide for Post Installation Settings
Preferences-Synch-BITS.doc	28/03/2013	Step-by-Step Guide for Synchronizing Files in Multi Web Scenario
Reporting Data Server.doc	28/03/2013	Step-by-Step Guide for Reporting Data Server Setup

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1. Introduction

This installation guide provides necessary guidelines and steps that have to be followed for installing the Ramco Aviation application suite (5 Series).

This document serves the following purposes:

- Acts as a check-list for common pre-requisites for installation.
- Guiding on installation of RVW Run-time for setting up platform for Ramco application installation
- Guiding on installation of RVW Run time patches
- Guiding on installation on Ramco M & E Application

2. Prerequisites

There are some common pre-requisites which need to be followed before setting up three tier server system.

For details you can refer the document embedded below, under the reference section mentioned below:

Document Name	Document Attachment	Reference Section
1-Prerequisites.doc	 1-Prerequisites.pdf	All

3. Installation of RVW Runtime

Once Prerequisites have been done, follow the steps mentioned below to install RVW Runtime, which will serve as platform to install Ramco Application.

There are four main components to RVW Runtime installation:

- File Server Installation
- Web Server Installation
- App server Installation
- RM Server Installation

All of these four servers are to be installed one-by-one in sequence to complete RVW Runtime Installation.

3.1 File Server

For setting up 'File Server', please follow the steps detailed in the document embedded below:

Document Name	Document Attachment	Reference Section
2-FileServer.doc	 2-FileServer.pdf	All

3.2 Web Server

For setting up 'Web Server', please follow the steps detailed in the document embedded below:

Document Name	Document Attachment	Reference Section
3-WebServer.doc	 3-WebServer.pdf	All

3.3 App Server

For setting up 'App Server', please follow the steps detailed in the document embedded below:

Document Name	Document Attachment	Reference Section
4-AppServer.doc	 4-AppServer.pdf	All

3.4 RM (Database) Server

For setting up 'RM Server', please follow the steps detailed in the document embedded below:

Document Name	Document Attachment	Reference Section
5-RMServer.doc	 5-RMServer.pdf	All

4. RVW Runtime Patches

Deployment of RVW Runtime Patches is the next step.

For an illustrative step-by-step procedure to deploy RVW Runtime patches, please refer the document embedded below:

Document Name	Document Attachment	Reference Section
6-RTPatch.doc	 6-RTPatch.pdf	All

After deploying RT Patch, hot fixes needs to be applied. Please refer the Readme.txt file available in .../DVD1 - RT/04.HotFixes.

5. Settings on Internet Information Server (IIS)

After the above mentioned servers have been setup successfully, settings in IIS has to be done.

For Step-by-Step Guide for IIS related settings. Please refer the document embedded below:

Document Name	Document Attachment	Reference Sections
7-IISSettings.doc	 7-IISSettings.pdf	All

Once the above settings are done launch the URL <http://<server>/rvw> from client or <http://localhost/rvw> from web server to verify that RT has been installed successfully. Using the adminuser login to verify it is successful.

6. Installation of Ramco Aviation M&E Application

After the above mentioned IIS Settings have been completed and verified successfully then the next step is to install Ramco Aviation M&E Application suite.

For step-by-step guide to Ramco Aviation M&E Application, please refer the document embedded below:

Document Name	Document Attachment	Reference Sections
8-AppInstManual.doc	 8-AppInstManual.pdf	All

Once the above settings are done launch the URL <http://<server>/extui> from client or <http://localhost/extui> from web server to verify that Ramco Aviation M&E Application has been installed successfully.

7. Server Side Settings

Refer below the Server Side Settings document

Document Name	Document Attachment
9-Server Side Settings.doc	 9-Server Side Settings.pdf

8. Client Side Settings

Refer below the Client Side Settings document

Document Name	Document Attachment
10-Client Side Settings.doc	 10-Client Side Settings.pdf

9. Admin Settings

For Step-by-Step Guide for Administration related settings. Please refer the document embedded below:

Document Name	Document Attachment	Reference Sections
13-Admin Settings.doc	 Admin Settings.pdf	All

10. Settings for Time Out Issues

For Step-by-Step Guide for Server Side Mandatory Settings, Please refer the document available under following folder of WEB Server.

<...VirtualWorks\IIS\EXTUI\Release Documentation\Installation Manual\Server Side Mandatory Settings.doc>

11. Post Installation Settings

After successfully installing RT and Ramco Aviation M&E Application, some settings need to be done Post Installation of Application.

Refer the document available under following folder of WEB Server.

[...VirtualWorks\IIS\EXTUI\Release Documentation\Installation Manual\Post Installation Settings.doc](#)

12. Synchronization of Files in Multi Web Scenario

In multi web scenario, if a user sets his preferences in one WEB server and it will get saved in that particular WEB Server. Again logged in some other WEB Server, he will not be able to see his preferences now as WEB Server is different. To avoid this situation, files under preferences folder need to be synchronized using BITS technology

For Step-by-Step Guide for BITS Settings, Please refer the document available under following folder of WEB Server.

[...VirtualWorks\IIS\EXTUI\Release Documentation\Installation Manual\BITS\Preferences-Synch-BITS.doc](#)

13. Configuring Reporting Data Server

This document details the process of configuring DCUBE, EDK and RVW Reports in Reporting Data Server (RDS).

Application Server – is the one in which the application transactions are performed and source of data for reporting data server. It is also referred as RM server.

Reporting Data Server (RDS) – is the one into which the primary data server data populated using SQL server Always On. Identified reports are executed in the reporting data server. It also referred as Reporting RM server.

For Step-by-Step Guide to configure Reporting Data Server, Please refer the document available under following folder of WEB Server.

[...VirtualWorks\IIS\EXTUI\Release Documentation\Installation Manual\Reporting Data Server.doc](#)

14. Configuring Smart Search

Smart Search provides context based help to the users to facilitate quicker data entry by providing any related information in the data entry field. For example, Part# could be searched using part description, manufactured part etc. All done within the context of the field in which data entry made without navigating to any other help screen

For Step-by-Step Guide to configure Smart Search, Please refer the document available under following folder of WEB Server.

[...VirtualWorks\IIS\EXTUI\Release Documentation\Installation Manual\SmartSearch\Trn-Bsg-Reaps-Installation.pdf](#)

15. Configuring Workspace

For Step-by-Step Guide to configure Workspace, Please refer the document available under following folder of WEB Server.

[...VirtualWorks\IIS\EXTUI\Release Documentation\Feature Documents\Workspace Configuration.doc](#)

16. Conclusion

On completion of steps mentioned above, server setup is complete and Ramco Application is installed and ready to use.

Type in the URL of the application installed, in an IE Browser window, which will launch the home page.

Therein you can provide the application user login and password details to login the application, and start using it.

- End of Document -

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