



Ramco Decision Works

Version 9.0

Installation Manual



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1 SOFTWARE PRE-REQUISITES

1.1 SOFTWARE REQUIREMENTS - CLIENT

S.No.	Software	Version	Remarks
1	Microsoft Windows	XP SP2or 7	Mandatory
2	Microsoft Office	2000 or XP or 2003 or 2007 or 2010	Optional: Required to export the report data to excel.
3	Internet Explorer	6.0 SP2 or 7.0 SP2 or 8.0 or 9.0	Mandatory
4	Adobe Acrobat Reader	6.0 and above	Mandatory. Download Link: http://www.adobe.com/downloads/?ogn= EN_US-gn_dl
5	Flash player	11.3	Mandatory. Download Link: http://helpx.adobe.com/flash- player/kb/archived-flash-player- versions.html

1.2 SOFTWARE REQUIREMENTS – WEB SERVER

S No	Software	Version			Remarks	
0.110.		Contware	2003	2008	2012	
1	Operating System Windows server	2003 SP2	2008	2012	Mandatory	
2	Microsoft Internet Information Service	6.0	7.0	8.0	Mandatory	
3	Dot Net Runtime	4.0	4.0	4.0	Mandatory: Available as part of product CD under folder CD1\Tools\ DotnetFramework4.0	

1.3 SOFTWARE REQUIREMENTS – APPLICATION SERVER

S No.	Software	Windows			Remarks
0.110.		2003	2008	2012	
1	Operating System Windows server	2003 SP2	2008	2012	Mandatory
2	Microsoft Internet Information Service	6.0	7.0	8.0	Mandatory
3	Dot Net Runtime	4.0	4.0	4.0	Mandatory: Available as part of product CD under folder CD1\Tools\ DotnetFramework4.0

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S.No	Software	Windows			Remarks
		2003	2008	2012	
4	Jasper runtime	4.6	4.6	4.6	Mandatory : This is required to the Enterprise Reports Download Link: http://sourceforge.net/projects/jasper reports/files/jasperreports/JasperRep orts%204.6.0/jasperreports- 4.6.0.jar/download File Name : jasperreports-4.6.jar On completion of RDW v9.0 installation place the jasperreports- 4.6.jar in the below location. <rdw drive="" installed="">:\ Dwlib</rdw>
5	Microsoft SQL Express Edition	2008	2008	2012	Mandatory only for Two and Three tier Setup. Available as part of product CD under folder : CD1\Tools\SQL Express
6	JDK	1.6	1.6	1.6	Mandatory: Available as part of product CD under folder CD1\Tools\ JDK1.6

			Version		Remarks
S.No.	Software	2003	2008	2012	
1	Operating System Windows server	2003	2008	2012	Mandatory
2	Microsoft SQL server	2005	2008	2012	Mandatory: The Server should be setup with default SQL collation.

1.4 SOFTWARE REQUIREMENTS – DATABASE SERVER

2 TO ENABLE WEB SERVICE EXTENSIONS

2.1 HOW TO INSTALL ASP AND ASP.NET WITH IIS7 ON WINDOWS 2008

You can find this set of components in Windows 2008 by Right click **My computer**, and click **Manage**. Expand the left-hand tree view in Server Manager and click **Manage Roles**, and then **Web Server (IIS)**. In the right-hand pane look for an option that says **Add Role Services**. In the screen check the options as shown in the screenshot below.

Add Role Services		X
Select Role Servi	ces	
Role Services Confirmation Progress Results	Select the role services to install for Web Server (IIS): Role services: Web Server (Installed) Static Content (Installed) Default Document (Installed) Directory Browsing (Installed) HTTP Errors (Installed) HTTP Errors (Installed) WebDAV Publishing (Installed) Application Development (Installed) Asp.NET (Installed) NET Extensibility (Installed) ASP (Installed) ISAPI Extensions (Installed) Server Side Includes (Installed) Server Side Includes (Installed) HTTP Logging Logging Tools Request Monitor Tracina	 Description: Web Server provides support for HTML Web sites and optional support for ASP.NET, ASP, and Web server extensions. You can use the Web Server to host an internal or external Web site or to provide an environment for developers to create Web-based applications.
	< <u>P</u> revious <u>N</u> e	xt > Install Cancel

Step 1: Install "IIS Metabase Compatibility"

The IIS7 "Metabase compatibility" component is required to successfully install ASP.NET.

To install it on Windows 2008 Server, click **Start**, and click **Server Manager**. Expand the left-hand treeview in Server Manager and click **Manage Roles**, and then **Web Server (IIS)**. In the right-hand pane look for an option that says **Add Role Services**. This takes you to wizard where you can install "IIS Management Compatibility".

Add Role Services	ces	×
Role Services Confirmation Progress Results	Select the role services to install for Web Server (IIS): Basic Authentication (Installed) Ø pigest Authentication (Installed) Ø Digest Authorization Ø Digest Authorization	■ Usescription: ■ Web Server provides support for HTML Web sites and optional support for ASP.NET, ASP, and Web server extensions. You can use the Web Server to host an internal or external Web site or to provide an environment for developers to create Web-based applications. ■ Image: Server to host an internal or external Web site or to provide an environment for developers to create Web-based applications. ■ Image: Server to host an internal or external Web site or to provide an environment for developers to create Web-based applications. ■ Image: Server to host an internal or external web site or to provide an environment for developers to create Web-based applications. ■ Image: Server to host an internal or external web site or to provide an environment for developers to create Web-based applications. ■ Image: Server to host an internal or external web site or to provide an environment for developers to create Web-based applications. ■ Image: Server to host an internal or external web site or to provide an environment for developers to create web-based applications. ■ Image: Server to provide an environment for developers to create web server to provide an environment for developers to create web-based applications. ■ Image: Server to provide an environment for developers to provide an e

If you're on Windows Vista, click **Start**, click **Control Panel**, click **Programs**, and then **Windows Features**. Look for Internet Information Services (IIS) and install "IIS Metabase Compatibility".

2.2 HOW TO INSTALL ASP AND ASP.NET WITH IIS8 ON WINDOWS 2012

- 1. Click Move Courser to Top of the Right corner
- Click Start → Click Control panel → Click System and Security → Click Administrative Tools → Click Component Services → Double Click Server Manager
- 3. Click Add Role Link
- 4. Click Next
- 5. Click Next
- 6. Click Next
- 7. In Roles Expand Web Server(IIS)(Installed)

DW_Installation

- 8. Expand Web Server(Installed)
- 9. Expand Application Development(Installed)
- 10. If following roles is un checked then check those
 - .NET Extensibility 3.5
 - .NET Extensibility 4.5
 - ASP
 - ASP.NET 3.5
 - ASP.NET 4.5
 - CGL
 - ISAPI Extensions
 - ISAPI Filters
- 11. Check the Management Tools (Installed) roles if unchecked.
- 12. Click Next
- 13. Click Install
- 14. Restart System

Refer the Screen short:

È.	Add Roles and Features Wizard	
Select server roles		DESTINATION SERVER RBARMSCNV03.rsimail.rsil.ramco.com
Before You Begin	Poloc	Decerintian
Server Selection	Roles	Description
Server Selection	▲ I Web Server (IIS) (Installed)	 .NET extensibility allows managed code developers to change add and
Server Roles	▲ Web Server (Installed)	extend web server functionality in
Features	 Common HTTP Features (Installed) 	the entire request pipeline, the
Confirmation	Health and Diagnostics (Installed)	configuration, and the UI.
Results	Performance (Installed)	ASP.NET extensibility model and
	Security (Installed)	rich .NET APIs to build Web server
	 Application Development (Installed) 	teatures that are just as powerful as those written using the native C++
	 .NET Extensibility 3.5 (Installed) 	APIs.
	 .NET Extensibility 4.5 (Installed) 	
	Application Initialization	
	ASP (Installed)	
	ASP.NET 3.5 (Installed)	
	ASP.NET 4.5 (Installed)	-
	CGI (Installed)	
	✓ ISAPI Extensions (Installed)	
	✓ ISAPI Filters (Installed)	
	Server Side Includes	
		~
	< <u>P</u> revious	lext > Install Cancel

н

L	Add Roles and Features Wizard	_ D X
Select server roles Before You Begin Installation Type Server Selection Server Roles Features Confirmation Results	Select one or more roles to install on the selected server. Roles Image: Select one or more roles to install on the selected server. Roles Image: Select one or more roles to install on the selected server. Image: Select one or more roles to install on the selected server. Image: Select one or more roles to install on the selected server. Image: Select one or more roles to install on the selected server. Image: Select one or more roles to install on the selected server. Image: Select one or more roles to installed) Image: Select one or more roles to installed Image: Select one orole to installed <	DESTINATION SERVER RBARMSCNV03.rsimail.rsil.ramco.com Description Management Tools provide infrastructure to manage a Web server that runs IIS 7. You can use the IIS user interface, command-line tools, and scripts to manage the Web server. You can also edit the configuration files directly.
	Windows Server Update Services <	
	< Previous Next :	> <u>I</u> nstall Cancel

3 RDW 9.0 INSTALLATION STEPS

- 1. Copy the CD Contents from the Installation CD to the Local Drive.
- 2. Product Installation has to be done only from the APP server.
- Double Click on the Setup.bat file available in the CD2\Product Deliverables\Installer\DWInstall Folder.
- 4. Do not close the Command Prompt screen while installing the product.

3.1.1 Installation Type screen

Ramco DecisionWorks Inst	llation Wizard]
ever ever	 Installation Type Fresh Installation Upgrade to RDW 9.0 	
	Next > Cancel	

3.1.2 Welcome Screen

Ramco DecisionWorks Inst	allation Wizard	×
	Welcome to Ramco DecisionWorks Ramco DecisionWorks (RDW) is a comprehensive web architectured solution for Performance Management, Conformance Management and information Management. Ramco DecisionWorks comprises of three distinct product lines viz, Ramco Business Analytics (Ramco BA) - which addresses the needs of Business Intelligence, Corporate Performance Management, Planning & Budgeting and Analytics Ramco Master Data Management (Ramco MDM) - address the need of providing the single version of truth. Ramco Governance, Risk and Compliance (GRC) - Framework for organizations to meet the various and exacting needs of the compliance like SOX Clause 49 etc.	٢
	<u>N</u> ext > <u>C</u> ancel	

3.1.3 License Agreement Screen

Ramco DecisionWorks In	stallation Wizard	X
	Please read the following license agreement carefully.	
	SOFTWARE LICENSE Ramco Business Analytics	^
	This is an agreement between you, the end user, and Ramco Systems Ltd. By installing, copying, distributing or using this software program, you agree to be bound by the terms of this license agreement.	
Along Md speeds Teaming Teamin	This agreement applies to version 7.0 of Ramco Business Analytics, including all available editions, add-in tools and documentation, hereinafter referred to as the Software.	
Wolffor Par	IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, DO NOT INSTALL, COPY, DISTRIBUTE OR USE THIS SOFTWARE.	
Series and States	1. GRANT OF LICENSE, Ramon Systems grants to you a nonexclusive right to	~
	I accept the terms in license agreement	
	O I do not accept the terms in license agreement	
	<u>N</u> ext > <u>C</u> ancel	

3.1.4 User Details Screen

Ramco DecisionWorks Installation Wizard			
Bi di	Product Registration Please provide the registrati Company name User name	ion information Ramco Ramco	
			<u>N</u> ext ≻

3.1.5 Hardware Pre-requisites Screen

Ramco DecisionWorks Inst	tallation Wizard			×
Dense de la constante de la co	HardWare Prerequ DRIVE NAME C D	Jisites For Application Server SPACE REQUIRED 20GB 20GB	SPACE AVAILABLE 5GB 17GB	
		< Back	<u>N</u> ext > <u>C</u> ancel	

3.1.6 Software Pre-requisites Screen

Ramco DecisionWorks Insta	Ilation Wizard			×
	Software Prerequisites for Application S	Server		
	Mandatory Microsoft Dot Net Runtime 2.0 SP1	Available		
	Microsoft IIS	Available		
Define	Microsoft SQL Client	Available		
	Optional			
Workford of Contract (1)	PLOP 3.0		Browse	
	Mule		Browse	
, Amainsianan 1977 - Albo	JDK Home Direcory		Browse	
	< <u>B</u> ack	<u>N</u> ext ≻	<u>C</u> ancel	

🎇 Resume Setup		×
The optional prerequisites are not a Do you want to proceed ?	available.	
YES	NO	
Resume Setup		

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3.1.7 Deployment Options Screen



3.1.8 Application selection screen

allation Wizard	×
Choose the application you want to install Ramco Business Analytics & Ramco GRC Ramco MDM Integrated With ERP	
< <u>Back</u> <u>N</u> ext > <u>C</u> ancel	
	Choose the application you want to install ✓ Ramco Business Analytics & Ramco GRC □ Ramco MDM □ Integrated With ERP < Back

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3.1.9 Location for Application Installation

Single Tier / Two Tier

Ramco DecisionWorks Insta	Ilation Wizard	×
	Type or Browse the directory where the app components is to be installed	
e 4 - Valon -	C:\Ramco DecisionWorks Browse	
Team of the second seco	Space available :4 GB	
	< Back Next > Cancel	

Three Tier

Ramco DecisionWorks Ins	stallation Wizard	×
Particular Particular	Type or Browse the directory where the app components is to be installed C:\Ramco DecisionWorks Browse Space available :5 GB Type or Browse the directory where the web components is to be installed \ls6576\RDW_Source_Files\Ramco DecisionWorks Browse Space available :0 GB *Please provide the share path of web component with write permission	
	< Back Next > Cancel	

3.1.10 Database Details

Ramco DecisionWorks Installation Wizard			
	Provide the connection informati	ion for the database server	
	Database Server Name	mosstest	
States -	Service port	1433	
	Database/SID	RDW	
Define	Database Login	sa	
i i i	Database Password	*****	
Worldfore Plan			
	🗖 Run the database scripts late	r.	
e denninostantenin 1975 - Siller	If the above option is checked the	database scripts will not be installed and	
	the information will be used ONLY	/ for registering the connection information.	
	< <u>B</u> ack	<u>N</u> ext > <u>C</u> ancel	

3.1.11 Application Server Login Details

Ramco DecisionWorks Insta	llation Wizard	×
	Provide the Application server Info	ormation
	IP Address/Machine name	172.16.5.166
s i - Vision -	Windows user	rsiexdom\\8647
A Construction of the Cons	Windows password	******
Define The Service Service	Analysis Server	
	SMTP Server	
Kolfine Series Construction Annual Construction of Construction	*Password for this account should	not expire
	< <u>B</u> ack	<u>N</u> ext > <u>C</u> ancel

3.1.12 Product Installation

Ramco DecisionWorks Inst	allation Wizard	×
	DecisionWorks highlights Corporate performance management (CPM) provides a balanced approach towards viewing the performance of the organization, both tactical and strategic.	
Waldon Waldon Research Waldon Research Waldon Research Re	Setup is installing Ramco DecisionWorks application This may take a few minutes depending on the application Select the Language English	
	Start	

Product Installation is in progress

Ramco DecisionWorks Insta	allation Wizard	×
	DecisionWorks highlights Workflow enables users to accept and send information, reports, and messages, etc. to specified users.	
Training and the second	Setup is installing Ramco DecisionWorks application This may take a few minutes depending on the application Select the Language English T Executing the script : Procedure/dw_fw_bulk_entity_perf_rtr.sql	
	Exit	

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3.1.13 Product installation is completed.

Ramco DecisionWorks Installation Wizard		
	DecisionWorks highlights Workflow enables users to accept and send information, reports, and messages, etc. to specified users.	
Point and	Setup is installing Ramco DecisionWorks application This may take a few minutes depending on the application Select the Language English 💽 Installation completed successfully	
	Finish	

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DW_Installation

Ensure the following steps are completed and check the checkboxes and click finish button.

Ramco DecisionWorks Installation Wizard				
Markey Control of Cont				
	Ensure that following post installation steps are complete Check MSDTC is enabled in Application and database server Analysis server settings (This is required only for analytical reports) Multiple 'Dot Net' version check (Requires if multiple 'Dot Net framework'' versions are installed in the Web service extensions check	ed		
Rolling Rolling Anterest	Post Installation Settings Note : MSDTC - Microsoft Distributed Transaction Coordinator	Click		
	Finish			

Click on the post installation settings button to do the post installation steps.



DW_Installation

On click of finish button you can see the log file and the screen with the successful completion of installation.

Ramco DecisionWorks Inst	allation Wizard	×
Ramco Decision Works Inst	Installation completed sucessfully The Log Information is available in E:\Ramco DecisionWorks_Al/DW/log.td	
	<u>k</u>	

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4 **PRODUCT ACTIVATION**

- To activate Ramco DecisionWorks Products, the file generated by installer (dw_lc.dll) generated in Application Server in [DecisionWorks installed root folder]\DW folder should be sent to dwsupport@rsi.ramco.com.
- In return RAMCO will be sending the activation file (dw_act_key.xml) and license files.
- 3. After getting activation and license files from RAMCO, copy those files under DecisionWorks installed root folder.
- Click the "Ramco Business Analytics -> Activate Ramco Business Analytics" Link in Program under Start menu.
- 5. Choose the activation file (dw_act_key.xml) from the DecisionWorks installed folder (where the Activation and License files given by RAMCO has been copied as mentioned in above step 3) using "Browse" button and click activate button.

Note:

- After Installation, the application can be launched using the following URL, where <Webserver_Name> is the server name where the web components are installed. http://<Webserver Name>/reimsweb
- The Default Details for Login into Application are as follows.
 User ID: admin
 Password: password12*

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