

Retek[®] RDF[™], Curve[™] and Promote[™] 10.5.1

Installation Guide



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- Functional and technical description of the problem (include business impact).
- Detailed step by step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

Contents

Chapter 1 – Introduction.....	6
About Curve, RDF and Promote Installation Process.....	6
Intended Audience.....	6
About this Document	6
Chapter 2 – Installation Instructions	7
Installation Overview	7
Detailed Installation Instructions	8
Installation Notes.....	8
Step 1: Extract RPAS Client and Server files for installation	8
Step 2: Install server-side software.....	9
Step 3: Install the RPAS Configuration Tools (optional).....	9
Step 4: Install the RPAS Client	10
Step 5: Start the RPAS DomainDaemon	10
Step 6: Extract and Install Solution files	10
Step 7: Create or Modify a Configuration (optional)	12
Step 8: Install Solution Workbook Templates.....	12
Step 9: Copy Configuration Files to the Domain Server	12
Step 10: Update the Sales Data Files.....	13
Step 11: Build the RDF, Curve or Promote Domain	13
Step 12: Configure the RPAS Client to use the domain.....	14

Chapter 1 – Introduction

About Curve, RDF and Promote Installation Process

This document provides instructions on installing: Retek Demand Forecasting (RDF), Curve and Promote v10.5.x on the RPAS 11.0.x platform. The process described in this document begins after the .zip files have been properly downloaded from <http://fulfillment.retek.com>. License keys for licensed products must be obtained prior to beginning the installation process.

Intended Audience

This document is intended for an MIS administrator that needs to install the RPAS software and create RDF, Curve and Promote domains.

About this Document

This document provides detailed instructions for how to install an RDF, Curve or Promote Solution on a RPAS 11.0 domain using a configuration created via the RPAS Configuration Tools. This document does not describe how to create the actual configuration. The RPAS Configuration Tools User Guide documents the steps required to create a configuration.

Supplemental installations guides are referenced in this document. The RPAS Installation Guide, RPAS Configuration Guide must be obtained prior to beginning the installation process.

Please read this document in its entirety before beginning the installation.

Chapter 2 – Installation Instructions

Installation Overview

The following is an overview of the steps involved in the installation of all the software components required for a typical RDF, Curve or Promote product installation. The subsequent sections go into deeper detail for each of the following:

1. Extract RPAS Client and Server files for installation
2. Install server-side software
3. Install the RPAS Configuration Tools (optional)
4. Install the RPAS Client
5. Start the RPAS DomainDaemon
6. Extract and Install Solution files
7. Create or Modify a Configuration (optional)
8. Install Solution Workbook Templates
9. Copy Configuration Files to the Domain Server
10. Update the Sales Data Files
11. Build the Curve, RDF or Promote Domain
12. Configure the RPAS Client to use the domain

Steps 1 through 5 may overlap with the installation instructions of other Retek Applications. Steps 7 through 12 may need to be repeated in order to configure and create multiple domains.

Detailed Installation Instructions

Installation Notes

For the purposes of this document, '/' will be used to delineate directories and files in paths. Users in a Windows Command Prompt environment will need to either use '\' as the delineation character or use double quotes around paths.

When unzipping files on a UNIX server, the '-a' option is required. For example:
unzip -a example.zip

Remember that paths on Windows are not case-sensitive and on UNIX paths are case-sensitive.

Step 1: Extract RPAS Client and Server files for installation

The RPAS Client and Server software are provided to you in a .zip format. Prior to beginning this process you must have downloaded the following .zip files from <http://fulfillment.retek.com>. You must have also obtained a proper license key from Retek for the use of this software. The following .zip files are required for this installation process:

- 1 ARPOplatform-<version>.<platform>.zip – where <version> is the current RPAS version and <platform> is your operating system platform (AIX, SUN, HP, NT)
e.g. ARPOplatform-11.0.4.aix.zip
- 2 ARPOplatform-<version>.docs.zip
e.g. ARPOplatform-11.0.4.docs.zip

Note: The actual installation of these files will occur in a later step.

Step 1.1

Unzip the ARPOplatform-<version>.<platform>.zip file to a location on the Configuration Tools Workstation (NT) and the server where the domain is to be installed. For this guide, assume that location is called /root/arpo.

The following subfolders will be created in /root/arpo:

/Acumate – contains the setup files for the Acumate installation

/Client – contains the setup files for the RPAS client installation

/RpasServer – contains the setup files for the RPAS Server installation

/Tools – contains the .zip file for the configuration tools installation

Step 1.2

Unzip the ARPOplatform-<version>.docs.zip file to a location on the Configuration Tools Workstation (NT) and the server where the domain is to be installed. The following documentation guides will be extracted:

- RPAS 11.0.4 Administration Guide: rpas-1104-ag.pdf

- RPAS 11.0.4 Installation Guide: rpas-1104-ig.doc
- RPAS 11.0.4 Calculation Engine User Guide: rpas-1104-ceug.pdf
- RPAS 11.0.4 Configuration Guide: rpas-1104-cg.pdf
- RPAS 11.0.4 Configuration Tools Release Notes: rpas-1104-ctrn.pdf
- RPAS 11.0.4 Release Notes: rpas-1104-rn.pdf
- RPAS 11.0.4 User Guide: rpas-1104-ug.pdf
- RPAS 11.0.4 Solution Extension Configuration Guide: rpas-1104-secg.pdr

Step 2: Install server-side software

This step will install the database-access software, Acumate, and the RPAS Server-side software. Also required is the installation of the configuration tools domain installer. All steps are required for a successful installation.

Step 2.1

Please refer to the RPAS 11.0 Installation Guide for an overview and instructions on how to install Acumate and the RPAS server software. Note the location of the installation files that were unzipped in Step 1.1.

During this installation step, a directory will be created to store the RPAS server software. This directory will be referred to later in this document as \$RPAS_HOME.

Step 2.2

Please refer to the RPAS 11.0 Installation Guide, Chapter 6 – Configuration Tools Installation for instructions on how to install the configuration tools. Note the location of the zip file that was unzipped in Step 1.1.

Note: The configuration tools installation will install all tools components as part of the installation process. However, only the tools domain installer program is utilized on the server. A system administrator on a Windows client machine uses the remaining components.

Step 3: Install the RPAS Configuration Tools (optional)

This is an optional step and is only required to be done on the administrator's machine, or the person who has been identified to support the configuration. The RPAS Configuration Tools must be installed on a Windows client if you are not starting with an existing configuration, or if changes are to be made to an existing configuration. Please refer to the RPAS Installation Guide, Chapter 6 – Configuration Tools Installation for instructions on how to install the configuration tools.

Step 4: Install the RPAS Client

The RPAS client must be installed on any (Windows) machine that will be used to access the domains.

Please refer to the RPAS Installation Guide, Chapter 5 - RPAS Client Installation, for instructions on how to install and use the RPAS Client.

The client files are found in the Client directory, which was created in Step 1 when the ARPOPlatform zip file was extracted.

Step 5: Start the RPAS DomainDaemon

The RPAS DomainDaemon process runs on the server. It allows a user to access any domain on the server using the RPAS client installed on a local machine.

Please refer to the RPAS 11.0.4 Administrator's Guide, Chapter 2 – Domain Administration for instructions on how to start the DomainDaemon.

Note: You will need to record the port number that is used to start the process. It will be needed to install and configure each RPAS client that is installed.

Step 6: Extract and Install Solution files

The Solution (Curve, RDF or Promote) installation software is provided to you in a .zip format. Prior to beginning this process you must have downloaded one of the following .zip files from <http://fulfillment.retek.com>. You must have also obtained a proper license key from Retek for the use of this software.

Curve<version>.zip

RDF<version>.zip

Promote<version>.zip

Step 6.1

On the Windows (NT) machine and the server where the domain is to be installed create a directory to store the software, say /root/sci_home, and a directory to store the domain(s), say /root/sci_data. Create an environmental variable named SCI_HOME and set it equal to the newly created software directory. Also, create an environment variable named SCI_DATA and set it equal to the newly created domain directory Henceforth we will reference these directories as \$SCI_HOME and \$SCI_DATA respectively.

Step 6.2

Open the Curve<version>.zip, RDF<version>.zip or Promote<version>.zip file (zip file depends on the licensing agreement). The following zip files will be visible:

Tmplinstall.zip

- Executable and libraries required for installing Curve, RDF or Promote workbook templates
- Script to support the domain install of:
 - RPAS
 - Tools-generated workbook templates
 - Sales measures and loading data
 - Curve default settings
 - Curve, RDF or Promote workbook templates

Templates.zip

- The Curve, RDF or Promote master workbook templates

Configurations.zip

- Test Domain Configuration

Data.zip

- Test Domain Data Files

Step 6.3

On both the Windows (NT) machine and the Server, extract Tmplinstall.zip and Templates.zip to \$SCI_HOME.

The following subfolders will be created in \$SCI_HOME:

/bin

 /rdftemplates

 /Curve

 /Predict (dependent on licensing agreement)

 /Promote (dependent on licensing agreement)

/scripts

Note: When installing to a UNIX Server, the scripts in the scripts directory need to be made executable using the 'chmod' command. E.g. `chmod -R 755 $SCI_HOME/scripts`

On only the Windows machine, extract Configurations.zip to \$SCI_DATA.

You may also unzip Data.zip (for LabsGA domain) or your specific data files in a \$SCI_DATA/data directory if the domain is to be created on the Windows machine.

The following subfolders will be created in \$SCI_DATA:

/configurations

 /LabsGA

 /D01

/data (optional)

Step 7: Create or Modify a Configuration (optional)

This is an optional step and is only required to be done on the administrator's machine, or the person who has been identified to support the configuration. Please refer to the RPAS Configuration Tools User's Guide or the RPAS Solution Extension Configuration Guide for more information on the creation and modification of a configuration.

Step 8: Install Solution Workbook Templates

On a Windows (NT) machine, using an existing configuration, the pre-installation script must be run to install Curve, RDF or Promote workbook templates specific to the configuration. To install the workbook templates, execute the following command from a command prompt:

```
$SCI_HOME/bin/installtemplates <path to domain configuration>
```

e.g. \$SCI_HOME/bin/installtemplates \$SCI_DATA/configurations/LabsGA/D01

This will create a directory structure parallel to the configuration. For the above example, the following directory structure will be created in \$SCI_DATA:

```
/configurations
  /LabsGA_wkbk
    /D01
```

Note: If you are creating a multi-language domain, then you will need to create an overlay file that contains translated workbook strings for each additional language that you wish to support. The overlay file is a text file with three columns: string id, language id, and string contents. The columns are fixed width. The file should be named 'r_msglabel.ovr.rdfworkbooks.<language>'. The easiest way to generate a new file is to copy and overwrite an existing file. For the example configuration, the overlay file is r_msglabel.ovr.rdfworkbooks.English and is located in the \$SCI_DATA/configurations/LabsGA_wkbk/D01/input directory.

All overlay files will be copied and loaded into the domain during the domain build process.

Step 9: Copy Configuration Files to the Domain Server

Copy the configuration from the \$SCI_DATA directory on the Windows (NT) machine to the domain server. The location on the domain server should have the same structure as on the Windows machine:

```
/configurations
  /LabsGA
```

/D01

If you are using WinZip to archive the configuration for transfer to a Unix server, you must use 'unzip -a' to unzip on the server side.

Step 10: Update the Sales Data Files

Copy the sales data to be loaded into the domain into the \$SCI_DATA\data directory. If you are using the data provided in the LabsGA configuration, unzip the Data.zip file provided in the release package to the \data directory. Then update the loadRdfMeasure.ksh script in the \$SCI_HOME/scripts directory to load the data files.

For the LabsGA configuration, the data load files are rsal.ovr, psal.ovr, csal.ovr, and dpos.ovr. The loadRdfMeasure.ksh file is pre-configured for the LabsGA domain.

Step 11: Build the RDF, Curve or Promote Domain

The domain build process requires the following files to be available for use in building the domain:

prod.dat

loc.dat

clnd.dat

clst.dat

pgty.dat

rltv.dat

On the domain server, ensure these files are located in the \$SCI_DATA/data directory. These files will be used to load data into the domain.

The configuration to use to build the domain in this example is named LabsGA. Using the file location from our example, the location of the LabsGA configuration would be:

```
$SCI_DATA/configurations/LabsGA
```

First, create a directory to hold the directories during the domain installation process. For the LabsGA test domain, create a directory such as /domains/LabsGA.

Next, invoke the domain build script (sciInstall.ksh) using the following syntax:

```
$SCI_HOME/scripts /sciInstall.ksh -d domainPath -c configName -j projectName
```

For example:

```
$SCI_HOME/scripts/sciInstall.ksh -d /domains/LabsGA -c LabsGA -j D01
```

where *domainPath* is the directory in which the domain is to be built, *configName* is the name of the configuration (not its full path), and *projectName* is the name of the project in the configuration to build. Note: *domainPath* MUST already exist.

The installation process will create two directories under *domainPath*. In this example:

D01 will be the domain directory root, and

installs will contain files required by the domain patching process.

Note: Custom post domain creation steps can be automated by creating a shell script named *sciPostInstall.sh* in the \$SCI_HOME/scripts directory. The *sciInstall.ksh* will call the *sciPostInstall.sh* script before exiting.

Step 12: Configure the RPAS Client to use the domain

The RPAS client must be configured to point to the newly created domain.

Please refer to the RPAS Configuration Guide, Chapter 11 – Configuring the RPAS client, for instructions on how to configure the RPAS Client.

This step must be performed in order to use the domain.

The domain path to use during configuration should be *domainPath/D01*. In the LabsGA example, this will be */domains/LabsGA/D01*.