



QAD Adaptive Applications
Enterprise Edition

Installation Guide

QAD Sales and Use Tax Interface

Introduction to SUTI
Installing SUTI for Quantum 7.0

70-3252-7.0
QAD Sales and Use Tax Interface 7.0
January 2020

This document contains proprietary information that is protected by copyright and other intellectual property laws. No part of this document may be reproduced, translated, or modified without the prior written consent of QAD Inc. The information contained in this document is subject to change without notice.

QAD Inc. provides this material as is and makes no warranty of any kind, expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. QAD Inc. shall not be liable for errors contained herein or for incidental or consequential damages (including lost profits) in connection with the furnishing, performance, or use of this material whether based on warranty, contract, or other legal theory.

This document contains trademarks owned by QAD Inc. and other companies.

Copyright ©2020 by QAD Inc.

SUTI_IG_v070.pdf/yimg/b3s

QAD Inc.

100 Innovation Place
Santa Barbara, California 93108
Phone (805) 566-6000
<https://www.qad.com>

Contents

Sales and Use Tax Interface Install Guide Change Summary	v
Chapter 1 Introduction to SUTI	1
Other Documentation	2
Chapter 2 Installing SUTI for Quantum 7.0	3
System Requirements	4
Installing SUTI	4
Installing SUTI for Use with Desktop	4
Product Information Resources	7



Sales and Use Tax Interface Install Guide

Change Summary

Product Name Changes

Starting in September 2019, the new name for QAD’s complete portfolio of products is QAD Adaptive Applications. Additionally, QAD Adaptive ERP is the new name for QAD’s flagship ERP solution. QAD Adaptive ERP includes the functionality previously associated with QAD Cloud ERP and QAD Enterprise Applications - Enterprise Edition, plus the QAD Enterprise Platform and Adaptive UX which resulted from the Channel Islands program. Going forward, the terms QAD Enterprise Applications, QAD Cloud ERP, and Channel Islands will be deprecated but will remain in previous documentation and training materials. QAD’s intention is to—as soon as possible—eliminate the use of the deprecated terms going forward.

Change Summary

The following table summarizes significant differences between this document and the previous version.

Date/Version	Description	Reference
January 2020/7.0	Updated system requirements and supported versions.	page 4
	Updated installation steps for installing with Your Application Builder (YAB).	page 4
	Removed installation steps for installing on Windows systems.	--
March 2015/5.0	Updated release information for Vertex 5.0	
March 2014/4.1	Updated release and platform compatibility table to contain only Vertex 4.1 information.	--
	Added new chapter on installation for SUTI 4.1 and removed chapters for previous versions.	page 3



Introduction to SUTI

This section introduces the Sales and Use Tax Interface for Vertex's Quantum.

Overview 2

Summarizes the Sales and Use Tax Interface's functionality.

Other Documentation 2

Lists other relevant QAD documents.

Overview

The Sales and Use Tax Interface (SUTI), in conjunction with Global Tax Management (GTM), enables users to take advantage of enhanced tax functionality and improved tax reporting accuracy by using Vertex's Quantum for Sales and Use Tax to calculate taxes in QAD's Adaptive ERP application.

Note Currently, Quantum for Sales and Use Tax supports tax calculation and compliance requirements for the United States and Canada only.

This guide covers the installation of SUTI for QAD Enterprise Edition 2018 and later running on Red Hat 7 64-bit. See "Installing SUTI for Quantum 7.0" on page 3 for specific instructions.

See *QAD Sales and Use Tax Interface User Guide* for information on the use of SUTI.

Other Documentation

- For QAD installation instructions, refer to the appropriate installation guide for your system.
- For instructions on navigating the Network User Interface (.NET UI) and Desktop environments, see *Introduction to QAD Adaptive Applications User Guide*.
- For information on using the software, see *QAD Sales and Use Tax Interface User Guide*.
- For details on Global Tax Management (GTM), see *QAD Global Tax Management User Guide*.

Installing SUTI for Quantum 7.0

This chapter outlines the steps for installing the Sales and Use Tax Interface for Vertex's Quantum version 7.0.

Installation Overview 4

Introduces installation and configuration tasks for the SUTI API for Vertex Quantum 7.0.

System Requirements 4

Lists the supported system components.

Installing SUTI 4

Outlines the steps for installing SUTI in a UNIX environment.

Installation Overview

This chapter describes how to install and configure the SUTI API for Vertex Quantum 7.0 for Linux systems.

System Requirements

The system requirements for SUTI 7.0 are as follows:

- QAD Enterprise Edition 2018 and higher
- Red Hat 7 64-bit
- Vertex's Quantum for Sales and Use Tax, release 7.0, using an ISAM database

Installing SUTI

This section outlines steps for installing SUTI in a Linux environment. Consult the Vertex installation documentation for Quantum system requirements.

Important It is recommended you install Quantum for Sales and Use Tax prior to installing the Sales and Use Tax Interface.

- 1 Download the SUTI 7 zip file from QAD Fulfillment.
- 2 Place the zip file on the server in the QAD installation directory.
- 3 Edit the `build/config/configuration.properties` file and add the following settings.

Table 2.1
SUTI Parameter Settings

Parameter	Setting
<code>suti.location-db.dir</code>	Path to the directory holding the Vertex location database.
<code>suti.tdm-db.dir</code>	Path to the directory holding the Vertex TDM database.
<code>suti.reg-db.dir</code>	Path to the directory holding the Vertex register database.
<code>suti.rate-db.dir</code>	Path to the directory holding the Vertex rate database.
<code>suti.vertex.dir</code>	Path to the directory where vertex has been installed.

- 4 Save the `configuration.properties` file and then run the command

```
yab install suti-rhel7-bin64-7.x.x.x.zip
```

Installing SUTI for Use with Desktop

SUTI for UNIX can be set up to operate in conjunction with Desktop clients. Desktop is installed as part of a QAD .NET UI implementation.

If Desktop has been deployed using a two-tiered approach, you should install Vertex on the platform where the telnet sessions for Desktop run.

Since SUTI uses platform-dependent libraries, you must set these variables as needed for your system in the telnet connection scripts. Make sure that you set the variable appropriately in:



- The connection script defined with the Connection Manager Configuration Update page, which is used for HTML programs
- The telnet scripts defined for the telnet character screens using User Option Telnet Maintenance (36.4.14)

Example QAD 2018 EE is installed on an HP-UX platform, and Tomcat and Desktop 2.10.5 are installed on Linux. Desktop starts a telnet session on the Linux computer to access the databases on the HP-UX computer. Since telnet sessions start on Linux, use the `LD_LIBRARY_PATH` (not the `SHLIB_PATH` for HP-UX systems) on Linux to point to the locally installed platform-dependent Vertex library files.

Note Starting and shutting down the API must occur from within a character session, because the start and stop functions are not available in Desktop.



Product Information Resources

QAD offers a number of online resources to help you get more information about using QAD products.

[QAD Forums \(community.qad.com\)](http://community.qad.com)

Ask questions and share information with other members of the user community, including QAD experts.

[QAD Knowledgebase \(knowledgebase.qad.com\)*](http://knowledgebase.qad.com)

Search for answers, tips, or solutions related to any QAD product or topic.

[QAD Document Library \(http://documentlibrary.qad.com\)](http://documentlibrary.qad.com)

Get browser-based access to user guides, release notes, training guides, and so on; use powerful search features to find the document you want, then read online, or download and print PDF.

[QAD Learning Center \(learning.qad.com\)*](http://learning.qad.com)

Visit QAD's one-stop destination for all courses and training materials.

*Log-in required

