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eBusiness

**DEVICE INTEGRATION GUIDE
FOR SIEBEL FINANCIAL
SERVICES TELLER**

VERSION 7.0, REV. H

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Contents

Chapter 1. Device Integration Guide for Siebel Teller

- System Requirements 5
- Integrating Your Devices with Siebel Teller 6
- About the XFS System 7
- ActiveX Controls 7
- Example 8
- Revision History 9

Index

Device Integration Guide for Siebel Teller

This guide provides an approach to integrating device drivers with the Siebel Teller application. For more information on the Siebel Teller application, see *Siebel eFinance Guide*.

This book will be useful primarily to configurators who are responsible for integrating the Siebel Teller application with physical devices.

Before reading this guide, you should be familiar with XFS and Active XFS. For information on the XFS standard, go to <http://www.xfsws.com>. For information on the XFS ActiveX based standard (ActiveXFS), go to <http://www.activexfs.com>.

System Requirements

To integrate your devices with the Siebel Teller application, make sure the following components are installed on your system.

- Windows Operating System
- Internet Explorer or Netscape with an ActiveX plug-in support
- ActiveX based XFS solution

Nexus provides an ActiveX based XFS solution. For more information, go to <http://www.nexussoft.com>.

Integrating Your Devices with Siebel Teller

Figure 1 displays the components of device integration. The left half displays the components configurators will work with. The right half displays the components vendors will work with.

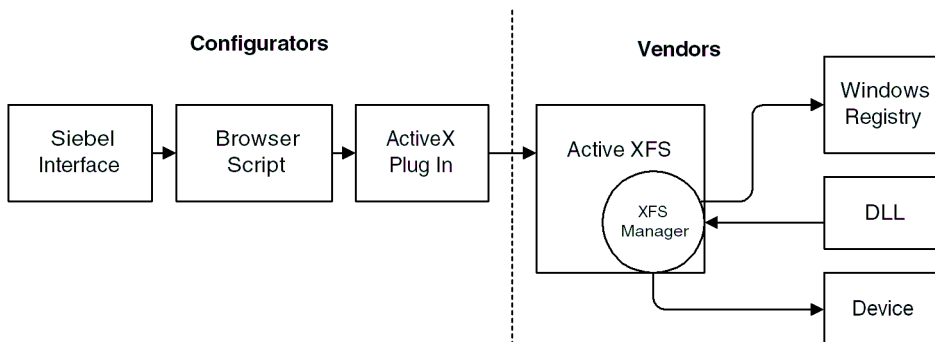


Figure 1. Components of Device Integration

Configurators create a browser script using Java Script and XFS APIs to connect to the service manager. Configurators also use Siebel Tools to create a control on the user interface of the Siebel Teller application that activates the browser script.

Vendors use the XFS Manager to install devices. The vendor is responsible for connecting the physical device to the power and network, installing the drivers for the device, and placing the DLL in the Windows registry.

About the XFS System

ActiveXFS is an open standard interface that is vendor-independent and modularized to support multiple devices. The XFS Manager is responsible for mapping the XFS API and XFS SPI functions and calling the appropriate vendor-specific service providers. Use XFS API functions to allow the client to communicate with the XFS Manager. Use XFS SPI functions to allow the XFS Manager to communicate with the device DLL. Note that calls are always to a local service provider. Configuration information for the XFS system is stored in the Windows Registry.

ActiveX Controls

To add device support to the Siebel application, use ActiveX controls that have XFS knowledge embedded into Siebel applets. For specific details on how to add ActiveX controls to a Siebel application, refer to the section ActiveX Controls in the Chapter Special-Purpose Applets and Controls in *Siebel Tools Reference*.

Example

Figure 2 presents an example of how Teller devices can be implemented.

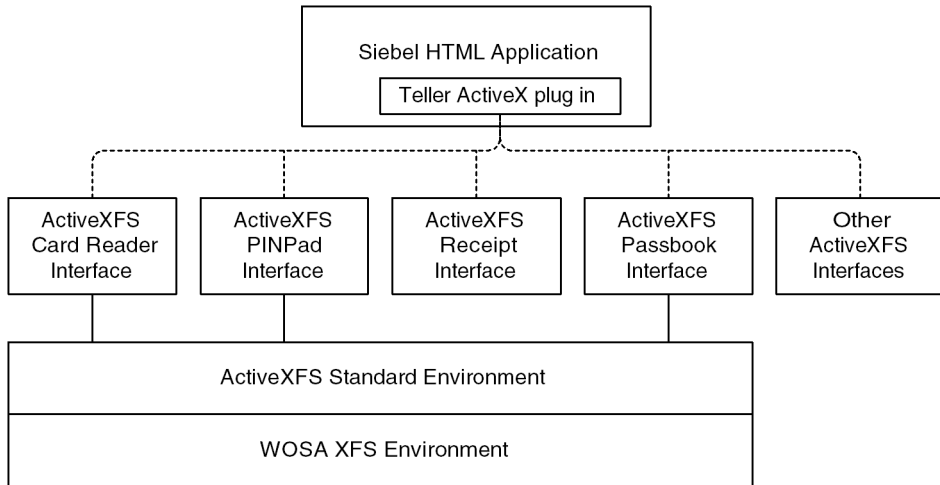


Figure 2. Teller Device Integration Example

An ActiveX plug-in is used to control the XFS functionality from Siebel using browser scripts. Some of the functionality that can be controlled is:

- Read magnetic stripe
- PINPad entry
- Read MICR field
- Print receipt
- Print passbook

Revision History

Device Integration Guide for Siebel Financial Services Teller, Version 7.0, Rev. H

Index

