



F-Series SDK Release Notes

Version: 2.1.1

Applies to: F-Series, E-Series, and FingerKey

Overview:

This release notes document covers the following topics:

- What's New
- Download and installation instructions
- Known issues

SDK 2.1.1 includes the following components:

RSIDotNetDLL 1.3.0.3 for .NET 1.1 or RSIDotNetDLL 2.3.0.3 for .NET 2.0

Schlage Communication Diagnostics

Example Projects

- o C++ Example Project
- o CSharp Example Project
- o VB.NET Example Project

Function Key Compiler

- o Console Version
- o GUI Version (Only in .NET 2.0 SDK package)
- o Sample Function Key Compiler Scripts

Documentation

- o 702000014D Ethernet Upgrade.pdf
- o Comm Diag User Guide.pdf
- o Function Key Compiler User Manual.pdf
- o Hand_Reader_Tech_Manual_29.pdf
- o RSI_DLL_Help_2.0.chm
- o README.txt

Disclaimer: This document provides release notes for SDK 2.1.1 only. For information regarding all previous versions, please consult the release notes for those releases.

Please read these notes prior to integration or installation.

We welcome any feedback you may have. Please direct feedback through our technical support department.

What's New

DLL Usage

Two Schlage .NET DLL SDK's are available. The first is based on the .NET 1.1 framework, and should only be used with Visual Studio 2003 and applications developed using Visual Studio 2003. The second SDK is based on the .NET 2.0 framework and should only be used with Visual Studio 2005 and applications developed using Visual Studio 2005. Do not attempt to develop .NET 1.1 applications using our .NET 2.0 DLL and vice versa.

Deployment Dependencies

Applications developed using Visual Studio 2005 may have dependencies that are not satisfied on standard Windows machines used in the field. To address this issue, Microsoft developed redistributables that can be installed as standalone packages, or as components of your installer. The standalone packages are called "Microsoft Visual C++ Redistributable Package" and "Microsoft Visual C++ SP1 Redistributable Package". More information and links to download the packages can be found at the addresses below.

<http://www.microsoft.com/downloads/details.aspx?familyid=32BC1BEEA3F94C139C99-220B62A191EE&displaylang=en>

<http://www.microsoft.com/downloads/details.aspx?familyid=200B2FD9AE1A4A14984D-389C36F85647&displaylang=en>

Since the Schlage .NET 2.0 DLL has C++ components and was developed using Visual Studio 2005, it requires that systems using the DLL include certain components included in the packages mentioned above. Our installer includes several "merge modules" that automatically install the components required by our DLL. This ensures that our DLL can be used on any machine installing our .NET 2.0 SDK. Similarly, when you develop an application with Visual Studio 2005 that uses our .NET 2.0 DLL, the machines your application is installed upon will need the same components to support our DLL and may need additional components to support your Visual Studio 2005 application.

To ensure all requirements are met, you can require that field machines install the Microsoft Redistributable package mentioned above or you may perform a dynamic scan on your application to determine what components are required and include those components in your install package. **We recommend that you install the Microsoft Redistributable Package on target machines;** however, if you wish to only include necessary components, the following merge modules are required by our DLL:

Visual C++ 8.0 CRT (x86) WinSXS MSM version 8.0.50727.762¹
Visual C++ 8.0 CRT.Policy (x86) WinSXS MSM version 8.0.50727.762

¹ Note that these modules are for x86 processors; x64 versions of the modules and the Redistributable Packages are also available.

Resolved Issues

This list covers some of the problems resolved with RSIDotNetDLL. Please read this before reporting any new issues:

- Implement California Lunch Punch Standoff Timer
- Threshold Security Hole Fix

2.1.1 Features:

Summary: Microsoft Vista and Microsoft Server 2003 Compatible

Description: The contents of the SDK and the RSIDotNetDLL are fully tested and compatible with Microsoft Vista and Microsoft Server 2003.

Summary: C++ support for the RSIDotNetDLL.

Description: C++ is now a supported programming language for the RSIDotNetDLL. The programming guide has been updated to include code examples for C++.

Summary: Visual Basic .NET (VB.NET) support for the RSIDotNetDLL.

Description: Visual Basic is now a supported programming language for the RSIDotNetDLL. The programming guide has been updated to include code examples for Visual Basic².

Summary: Schlage Communication Diagnostics.

Description: A rebranded version of the Schlage Communication Diagnostics is included in this package.

Summary: C++ Example Project.

Description: A new C++ example project is included in this package to assist users in starting development with the RSIDotNetDLL.

Summary: VB.NET Example Project.

Description: A new VB.NET example project is included in this package to assist users in starting development with the RSIDotNetDLL.

Summary: C# Example Project.

Description: A new C# example project is included in this package to assist users in starting development with the RSIDotNetDLL.

Summary: Function Key Compiler – GUI Version.

Description: A GUI for the Function Key Compiler is included in this package.

Summary: Comm Diags User Guide.

Description: The Comm Diags User Guide has been updated to reflect the branding changes made to the Schlage Communication Diagnostics tool.

² VB.NET is not equal to VB 6.0.

Summary: Function Key Compiler User Manual.

Description: The Function Key Compiler User Manual has been updated to include information on the GUI interface.

Summary: Hand Reader Tech Manual.

Description: The Hand Reader Tech Manual has been rebranded and updated to reflect minor firmware changes to the F-series Hand Readers.

Summary: RSI DLL Help 2.0.

Description: The RSI DLL Help 2.0 file (Programming Guide) has been updated to include code examples for C++ and VB. Additional information and topics have been added to the Programming Guide to enhance usability of the RsiDotNetDLL.

Downloading & Installing

System Requirements

Operating System: Windows 2000 and later

Downloading

You can download the software package from the Ingersoll Rand Recognition Systems FTP site. If you need access, please contact our technical support department.

Installing

Double-click the Setup.exe file contained in the install directory. The contents of the directory must be preserved for the install to complete properly. The installer will check for necessary system requirements, and install related software as needed.

Known Issues

There are currently no known issues.

Other Resources

For more information, please refer to:

Documentation available on the Schlage Biometrics FTP site³:

- 702000014D Ethernet Upgrade.pdf
- Comm Diag User Guide.pdf
- Function Key Compiler User Manual.pdf
- Hand_Reader_Tech_Manual_29.pdf
- RSI_DLL_Help_2.0.chm
- README.txt

Technical Support: 866-861-2480

Document Version History:

1.0 - 7/11/2008

1.1 - 5/15/2009

³ To gain access to the FTP site, please contact our technical support department.