



Agentry Device Client Branding SDK

SAP Mobile Platform 3.0

DOCUMENT ID: DC-01-0300-01

LAST REVISED: November 2013

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Agentry Device Client Branding SDK

Use the Agentry Device Client Branding SDK to brand the device clients before provisioning to users.

Agentry Client Installer and Executable Branding

The Agentry Clients as provided with the SAP® Mobile Platform are branded based on SAP standards. It is possible to rebrand the client components of the Agentry archetype, including both the installers for these components as well as the actual client executables.

Windows PC and Windows Mobile Clients

The branding process for Windows and Windows Mobile Agentry Clients and their installers involves the use of a branding SDK provided with the development tools for SAP Mobile Platform. Instructions are provided in this guide on the setup and usage of this SDK to rebrand these clients.

Android Clients and iOS Clients

To rebrand the Agentry Clients for iOS and Android, see the information provided on the OpenUI SDK. Included in this SDK are the resources needed to also rebrand the clients for these platforms.

Agentry Windows and Windows Mobile Clients Branding Overview

These instructions will walk you through the steps needed to create branded Agentry Client installers using the Nullsoft NSIS software. This simple process is comprised of the following steps:

- Download and install Nullsoft NSIS
- Create the branding sources
- Customize the installers
- Build and test the branded installers

Branding Agentry Installers

Prerequisites

NSIS (Nullsoft Scriptable Install System) is a professional open source system that is used to create Windows installers. This is the software used to create the branded installers for the Agentry Clients.

In order to brand the Client installers, you will need to have Microsoft's `Cabwiz.exe` installed on your system.

Task

The following main steps walk you through the basics of creating branded installers for the Agentry Client.

1. Download and install Nullsoft NSIS.

- a) Open a browser and go to <http://nsis.sourceforge.net>.

You are brought to the Nullsoft Scriptable Install System Main Page.

- b) Click the **[Download]** link under "Latest NSIS release."

An NSIS setup file is downloaded to your computer.

- c) Run the `nsis-[version]-setup.exe`.

Make sure to note the location where you install the NSIS files because you will need this information later in the branding process.

After you run the NSIS setup program, a full set of NSIS files is installed on your computer. Typically, you will put the NSIS folder inside your Program Files folder. Be sure to note the location because you will need the full path information when you build the branded installer.

2. Create the branding source. The same Agentry installers that are used to install the products are used to create the branding installer sources for the Client.

- a) To create the branding Client installer source, run `ClientWinCE_Branding_sdk.exe`.

Use the switch `"/Branding=[folder name]"` to put the branding Client installer into a folder of your choice.

- b) When creating a Client installer source, you must also build CAB files for each supported device and for each supported scanner. To do this in a single step, run the command script `cabs/BuildCabs.cmd`.

Note: In order to run the Cabs script, you must have Microsoft's `Cabwiz.exe`.

These steps create all the files necessary to complete the customization of the Client installer.

3. Customize the installers. Once you have the branding source files, you are ready to use those files to modify items such as the company name, product name, and installer names. You must customize the installers for the Client .nsi files, as necessary.

- a) Optionally, make a copy of the `AgentryClientWinCE.nsi` file.

You can optionally make a copy of the files so that you always have the original in case your modified file ever gets overwritten. If you do not make a copy, and need the original files, you can re-install them.

- b) Open the .nsi files in a text editor, one at a time, and follow the instructions in the file to modify the common items. These items include things like product name, company name, installer name, company URL, and the uninstaller executable name.

Your modified .nsi files should now contain all custom branding details for your Client installer.

Note: If you want to do more advanced branding, including things such as your company logos, you need to go to the Nullsoft Web site for complete programming instructions.

Here is a screen shot of the text editor, highlighting the lines you would typically modify for the Server installer.

```

1  * To create your branded installer, copy this file, edit your copy, and re-compile the installer with
2  * makensis.exe /V3 /DgPlatform=Win32 /DgVerinstaller=1.2.3.4 /DgBranding=YourCopy.nsi AgentryServer.nsi
3  *
4  *
5  * /DgBranding=YourCopy.nsi should provide the name of your edited copy of this file. It can be an absolute or relative path.
6  * /DgPlatform must be Win32 or x64
7  * /DgVerinstaller should be the version number of your product. It is optional.
8  * you may also specify /DgNonFatal=/nonfatal, which will allow the installer to build with missing files
9  * /V3 controls the verbosity level, see NSIS documentation
10 *
11 *
12 * You can hook any of the functions and sections by un-commenting the macro and
13 * putting code there.
14 *
15 * Remember to copy this file somewhere else, because when you re-run the branding installer, it may get overwritten!
16 *
17 * For documentation on the NSIS scripting language, and to download NSIS itself, please go to http://nsis.sourceforge.net/
18 */
19
20
21 /* Put !define's here to override values from AgentryServer.nsi - this list is of likely candidates and their defaults
22 * You will need to !undef each before the !define
23 !define gInstallerName      "[gInstallerPath]\Branded_Agentry_Server_[gPlatform].exe"
24 */
25
26 !undef gProductName
27 !define gProductName        "MK Server"
28
29 !undef gCompanyName
30 !define gCompanyName        "MaryKay LLC"
31
32 !undef gCompanyURL
33 !define gCompanyURL        "http://www.mycompany.com"
34
35 !undef gUninstallExe
36 !define gUninstallExe      "MKServerUninstall.exe"
37
38
39 /* Define gAgentryBrandingPost to include a second file after all of the sections are defined
40 !define gAgentryBrandingPost "Agentry_Server_Branding_Post.nsi"
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```

4. Once you have downloaded and customized the Agentry Client .nsi files, you must recompile the installer to incorporate the branded files.

- a) Open a Command Prompt and follow the instructions to compile the installer.

An example of the command for the Client installer would be:

```
"c:\Program Files (x86)\nsis\makensis.exe" /DgPlatform=Win32 /
```

```
DBranding=c:\MK_BrandingFiles\MK_Client_Branding.nsi  
AgentryClient.nsi
```

- b) Re-run the Client installers and check that your custom modifications properly display in the applicable installation Wizard.

You now have branded installers for the Agentry Client.

Next

If you want to do more extensive branding, such as adding your company logo, you need to go to the Nullsoft Web site for programming instructions.