USING CUSTOM DEVICE ICONS IN AVALANCHE

The Avalanche Console displays device icons based on the model and series information reported by the Enabler. It is possible, however, to create custom icons and then configure Avalanche to use the custom icons instead of the default icons. Avalanche uses two icons for each device – the small device icon appears to the left of the name of the mobile device in the device inventory list, and the large device icon appears in the *Mobile Device Details* dialog box and on the Mobile Device Details page. You can replace either or both of these icons.

OVERVIEW

The following sections provide instructions for using custom mobile device icons in Avalanche:

- Software Requirements

- Copying the Icons to the Device

- Modifying the _DEVPROP.PRF File

- Connecting the Device to the Mobile Device Server

SOFTWARE REQUIREMENTS

The instructions in this document are specific to the following software versions:

- Avalanche MC or SE 4.6 or newer

- Avalanche Enabler 4.06 or newer

COPYING THE ICONS TO THE DEVICE

The custom icons you use to represent mobile devices in the Avalanche Console must be .PNG files in 256 colors. The small icon must be 16 x 16 pixels, and the large icon can be up to 160 x 160 pixels. These two icons are called the icon set. You can replace either or both of these icons. Copy the icon(s) onto the mobile device, and after the _DEVPROP.PRF file is updated, the icons will be sent to the Enterprise Server and made available for any Console displaying the device.

Each icon set only needs to be uploaded to the Enterprise Server once. If you have multiple devices that will be using the same icon set, you will only need to copy them to one device. After the _DEVPROP.PRF file for that device has been modified and the files uploaded to the Mobile Device Server and Enterprise Server, modify the _DEVPROP.PRF files for the other devices using the same icon set name.

NOTE: You can only have one pair of icons for each icon set name. If a device uploads different files for the same icon set name, the newer files will overwrite the old files, and all devices using that icon set name will use the new icons.

MODIFYING THE _DEVPROP.PRF FILE

After you have copied the icons to the device, you must modify the _DEVPROP.PRF file on the mobile device. You can use Wavelink Remote Control to change it or modify it directly on the device. This file gives Avalanche the names and location of the icon files to upload to the server.

The fields you will need to modify in the _DEVPROP.PRF file are as follows:

`drive`	The drive letter (or name) where the custom device icon file is located.
`path`	The path to the custom device icon file (relative to the specified drive).
`small image`	The name of the file for the small icon.
`large image`	The name of the file for the large icon.
`icon set name`	A name for the icon set. This name will be stored in the database and used if you want other devices to apply these images.

To modify the _DEVPROP.PRF file:

1. If the Enabler is running, exit it and stop monitoring.

2. Using a text editor, open the _DEVPROP.PRF file on the mobile device. This is usually located in the `Avalanche\config` folder.

3. Insert the following line with the appropriate information in the fields:

   `e.icon=[drive];[path];[small image];[large image];N[icon set name]`

   For example:

   `e.icon=C:;\Application;small_image.png;large_image.png;Ntest`

   Or, if you want to use a icon set that has already been uploaded, you can leave the first four fields empty:

   `e.icon=;;;;Ntest`

4. Save your changes to the file.

5. Launch the Enabler.

CONNECTING THE DEVICE TO THE MOBILE DEVICE SERVER

Once you have saved the files to the device and modified the _DEVPROP.PRF file, you must connect the device to a Mobile Device Server. The Mobile Device Server will upload the icons and send them to the Enterprise Server, where they will be made available for any Console displaying the device. There may be a brief delay before your icons appear in the Console while the files are transferred.

DOCUMENT REVISION HISTORY

- 14/07/10. Document updated.