Intel® WiDi Extensions Software
Development Kit 1.1.0.10
Production Version ReadMe File

Build Version 1.1.0.10

February 2012

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Intel WiDi requires a compatible Intel-based laptop PC, a third party TV adapter featuring Intel WiDi, and a TV with an available HDMI or Composite AV input. Compatible laptop PCs require a select Intel® Core™ Processor Family CPU or a 2nd Generation Intel Core processor for the best experience. For a complete list of requirements, visit www.intel.com/go/wirelessdisplay. Content requiring output protection such as Blu-ray* and DVD movie playback is not supported. Check with your PC manufacturer for specific details. Other names and brands may be claimed as the property of others.

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OVERVIEW
Intel® Wireless Display (WiDi) enables a consumer to wirelessly project his or her notebook PC display to a TV across the living room. The experience is similar to a consumer connecting his or her Notebook PC to a TV via an HDMI cable. Full desktop (including text, pictures, and video) are sent to the TV and audio is rendered in-sync with up to 1080p HD video. This is made possible through a display adapter that is connected to the TV via a standard HDMI connection. The display adapter wirelessly communicates over 802.11g/n with the notebook (PC) and receives its display information in a standard video format.

The WiDi Extensions Library SDK contains an API that allows integration of WiDi functionality into any application. The primary usage gives applications the option to create a connection to a WiDi-enabled TV and place content on up to two screens at once. This can be highly integrated into the application’s user flow or added to a user interface (i.e. “play to WiDi” button). The SDK contains 32-bit Windows binaries for the WEL library, a sample application that can be used to test the API, and detailed documentation on the API itself. This document describes the latest changes to the WiDi Extensions SDK.
PLATFORM CONFIGURATION

Supported Target/Test Platform:
- Any PC platform that supports Intel® WiDi. See http://www.intel.com/go/widi for more information.
- Intel® WiDi capable TV adapter. Note: Netgear PTV2000 or equivalent is needed for protected content and 1080p support.
- Windows* 7 Home Premium 32/64-bit, SP1

Supported Development Platform:
- Any PC platform that supports development in Microsoft Visual Studio 2008 or 2010

SUPPORTED LANGUAGES
- English (ENU)

INSTALLING & CONFIGURING INTEL® WiDi EXTENSIONS SDK

1. Install the Intel WiDi software v2.1 PV or greater.
2. Install .Net 4.0 client profile or Microsoft® Visual Studio 2010 (.NET 4.0 client profile is included with Microsoft Visual Studio 2010)
3. Unzip the WiDi Extensions SDK archive to a folder. Navigate to the location of the setup.exe file and double click on the setup.exe file, to initiate the software install.
4. Click 'Next' to continue.
5. Select 'Install' to start installing the SDK package.
6. Follow the installer prompts to complete the installation.
7. Navigate to “C:\Program Files (x86)\Intel Corporation\Intel WiDi Extensions SDK\Intel WiDi Extensions Test Application”
8. Double click VerifyWiDiExtensions.exe to start the test application.

UNINSTALLING INTEL® WiDi EXTENSIONS SDK

NOTE: This procedure assumes the above installation process was successful. The uninstall procedure is specific to the version of the driver and application files included in this release package.

1. Navigate to the “Programs and Features” Control Panel
2. Double Click “Intel WiDi Extensions SDK”
3. Click Yes to uninstall.
## New Features

### Features Added to this version of WiDi Extensions SDK

<table>
<thead>
<tr>
<th>Reference No.</th>
<th>Title / Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>Support for WiDi 3.x software added</td>
</tr>
</tbody>
</table>

## Known Errata & Limitations

### Known Errata with WiDi Extensions SDK

<table>
<thead>
<tr>
<th>Reference No.</th>
<th>Description</th>
<th>Affected Areas (Sub-Components)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2289</td>
<td>When connecting to an adapter for the first time through WEL API, PIN code entry happens through WiDi software interface. However, WiDi software starts minimized. <strong>Workaround:</strong> Maximize WiDi software for PIN entry during first-time pairing of WiDi adapter through WEL library.</td>
<td>WEL Library</td>
</tr>
</tbody>
</table>

### Known Limitations with WiDi Extensions SDK

<table>
<thead>
<tr>
<th>Reference No.</th>
<th>Description</th>
<th>Affected Areas (Sub-Components)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2294/2295</td>
<td>GetAdapterList does not support all known options.</td>
<td>WEL API</td>
</tr>
<tr>
<td>2750</td>
<td>Final UI assets are not included in this release.</td>
<td>UI Assets</td>
</tr>
</tbody>
</table>
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(OEM / IHV / ISV Distribution)

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