

Honeywell

Guided Work Solutions

ToolVad 1.1.1

User Guide

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Patents

For patent information refer to hsmpats.com

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Introduction

The ToolVad utility provides two functions. Depending on the deployment scenario these functions can be used alone or together.

- ToolVad can modify an existing VAD file to allow an A700x to be used in embedded (device only) mode. ToolVad adds the necessary plug-in files and resource files to the GWS App VAD file.
- ToolVad provides a way to specify which of the 99 VCOMMANDs are to be enabled.

ToolVad is an executable file included as part of the GWS solution. ToolVad works with multiple GWS plug-ins such as the Checklist Plug-In, Distribution Plug-In, and the VoiceDirect ERP Plug-In.

ToolVad Options

The table below lists the available options for the ToolVad command.

The command options can be

- spelled out: two dashes (--) are required
- abbreviated: only a single dash (-) is required)

IMPORTANT

The optional --modify command has been removed and the --mode command added with this release.

Option	Required	Description
-m <mode> --mode <mode>	Yes	<mode> specifies how the VAD file is going to be modified. use: --mode plugin (to add a Plug-In) --mode resource (to add a resource file)

Option	Required	Description
-v <vad-file> --vad-file <vad-file>	Yes	<vad-file> specifies the VAD file to be modified.
-c <content> --content <content>	Yes	<p><content> specifies the directory containing the content to include within the VAD file. The content and its structure depends on the type of plug-in.</p> <div style="border: 1px solid blue; padding: 5px;"> <p>NOTE Only the content within the directory is included. The directory itself is not included.</p> </div>
--version	No	Shows the version information for ToolVad.
-? -h --help	No	Displays help and usage information for ToolVad.

More Information

Information on using ToolVad for user-developed plug-ins is included in the *Guided Work Solutions Developer Guide* in the section titled "Use Embedded Mode on A700x Devices".

Information on using ToolVad for Honeywell provided plug-ins is included the following documents.

- *Guided Work Solutions Checklist Plug-In Integration Guide*
- *Guided Work Solutions Distribution Plug-In Integration Guide*
- *Guided Work Solutions VoiceDirect ERP Plug-In Implementation Guide*
- *Guided Work Solutions Scraping Plug-In Developer Guide*
- *Guided Work Solutions VoiceLink Plug-In Integration Guide*

Suggested File Structure

1. Create a folder (in this example custom is the folder name) and place these files in that folder:
 - ToolVad.exe
 - vad file, such as GWS_App-x.x.x.vad
2. If modifying a vad for use in embedded mode, create a plugin folder under the folder above and place the following items in the folder:
 - a folder containing the plug-in files. There can be multiple plug-in folders if necessary. An example would be GWS-Workflows.Checklist.Files-x.x.x-App. Folder names are detailed in the documents listed above.
 - any resource files (resx) to include
 - a VoiceAttributes folder (for VoiceDirect ERP Plug-In only)
3. If only specifying the VCOMMANDS to train, create a resources folder under the initial folder created and place the following files:
 - a resource file for each language (resx) to include.

Getting Help

Additional Documentation

Additional documentation may be found in your product package and on online partner portals. Find most Honeywell Voice technical documentation at help.honeywellaidc.com.

Honeywell Voice Reseller Services

If you purchased equipment or services through a Honeywell Voice reseller, please contact your reseller first for support or to purchase a support plan.

Honeywell Voice Technical Support

Submit incidents or questions to honeywell.custhelp.com or contact Honeywell Technical Support Center:

- **Americas**
Email: VoiceTechnicalSupport@Honeywell.com
Phone: +1(866) 862-7877
- **Europe, Middle East, Africa**
Email: VoiceTechnicalSupport@Honeywell.com
Phone: +44 (0) 1344-65-6123
- **Rest of World**
Email: VoiceTechnicalSupport@Honeywell.com
Phone: +1 (412) 376-9384

To report support incidents or ask technical questions for other Honeywell devices, visit honeywell.com/PSStechnicalsupport.

Honeywell Voice Customer Service

For order placement or customer service inquiries:

- **North America, Latin America**
Email: VoiceCustomerServiceAmericas@Honeywell.com
Phone: +1(866)862-6553
- **Europe, Middle East, Africa, Turkey**
Email: voicecustomerserviceEMEA@honeywell.com
Phone: +44 (0) 1698-915777
- **Japan**
Email: csjapan.pss@honeywell.com
Phone: +81-3-6730-7344

- **Brazil**
Email: ACSHSMCentraldepedidos@honeywell.com
Phone: +55 (31) 2391-5600
- **Asia Pacific**
Email: VoiceCustomerServiceAPAC@honeywell.com
Phone: +44 16989 15777

Honeywell Voice Hardware Repair

For returns or to check the status of a Return Material Authorization (RMA) for Voice hardware products:

- **Americas**
Email: VoiceRMA@Honeywell.com
Phone: +1 (866) 417-6988
- **Europe, Middle East, Africa**
Email: VoiceEMEARMA@honeywell.com
Phone: +1 (866) 417-6988
- **Rest of World**
Email: VoiceRMA@Honeywell.com

For returns or to check the status of an RMA for other Honeywell hardware products, visit the SPS RMA portal: sps-support.honeywell.com/s/pss/pss-rma

HOW TO USE TOOLVAD

Use ToolVad to Add a Plug-In

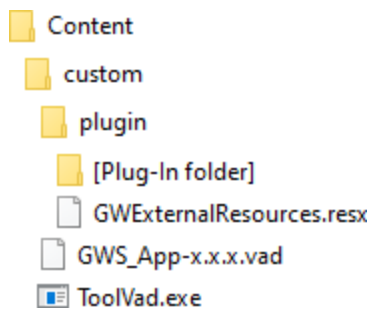
Use the ToolVad command in plugin mode.

This procedure searches the folder specified by the `--content` or `-c` parameter option for the plug-in files to upload to the vad file.

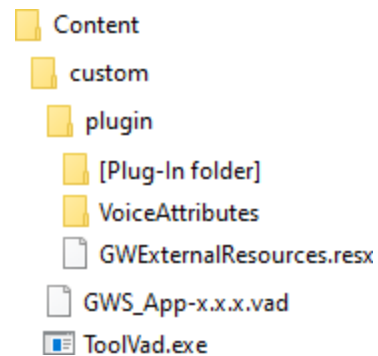
File Structure

Create the following folder structure.

- The custom folder contains vad file and the ToolVad utility.
- The plugin folder contains a folder with each plug-in to add to the vad.
- The plugin folder contains any resource (.resx) files.
- For the VoiceDirect ERP Plug-In, the plugin folder also contains a VoiceAttributes folder.



File Structure for Picking or Checklist Plug-In

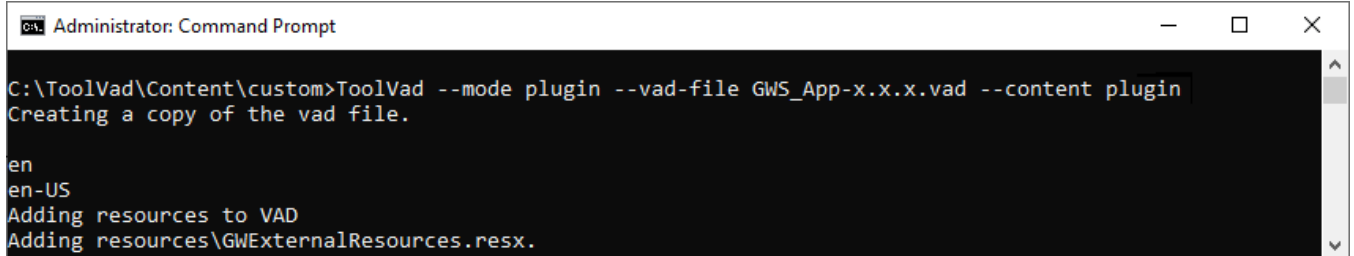


File Structure for VoiceDirect ERP Plug-In

Run ToolVad

1. Copy the files to a PC using the file structure above.
2. ToolVad is executed at an administrator command prompt. Open the command prompt in the folder where ToolVad is located or change the command prompt to that folder.
3. The command `ToolVad - - help` may be used to display help.

- The command to all the plug-in to the vad would be **ToolVad --mode plugin --vad-file GWS_App-x.x.x.vad --content plugin**
- As the command executes, the following example messages are shown during a successful execution:



```
Administrator: Command Prompt
C:\ToolVad\Content\custom>ToolVad --mode plugin --vad-file GWS_App-x.x.x.vad --content plugin
Creating a copy of the vad file.
en
en-US
Adding resources to VAD
Adding resources\GWExternalResources.resx.
```

- The command creates a new VAD file during execution. The plugin suffix is added to the file name, for example: **GWS_App-x.x.x-plugin.vad**.

The new VAD file contains the GWS App task and the specified plug-in, allowing an A700x to be used in embedded mode.

Use ToolVad to Add Resource Files

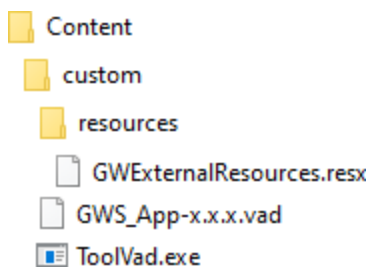
Use the ToolVad command in resource mode.

This procedure searches the folder specified by the --content or -c parameter option for the resx files.

File Structure

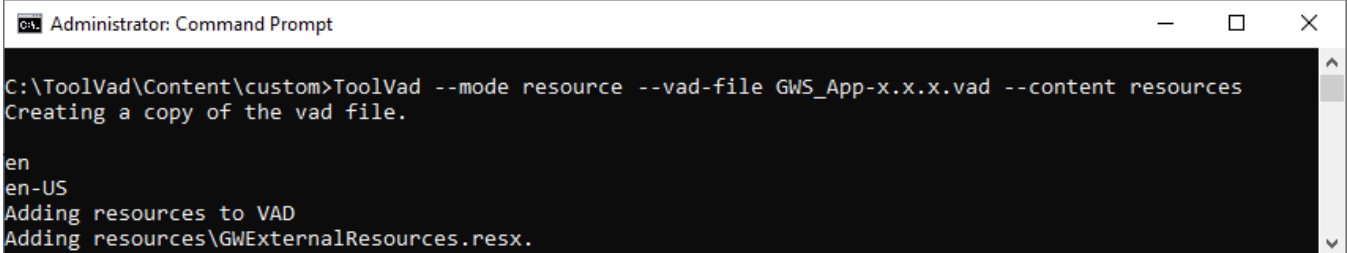
Create the following folder structure in the same directory where the ToolVad utility is located.

- The custom folder contains vad file and the ToolVad utility.
- The resources folder contains the resource (.resx) files.



Run ToolVad

1. Copy the files to a PC using the file structure above.
2. ToolVad is executed at a command prompt. Open the command prompt in the folder where ToolVad is located or change the command prompt to that folder.
3. The command *ToolVad - - help* may be used to display help.
4. The command to all the resources files to the vad would be **ToolVad --mode resource --vad-file GWS_App-x.x.x.vad --content resources**
5. As the command executes, the following example messages are shown during a successful execution:



```
Administrator: Command Prompt
C:\ToolVad\Content\custom>ToolVad --mode resource --vad-file GWS_App-x.x.x.vad --content resources
Creating a copy of the vad file.
en
en-US
Adding resources to VAD
Adding resources\GWExternalResources.resx.
```

6. The command creates a new VAD file during execution. The plugin suffix is added to the file name, for example:
GWS_App-x.x.x-**plugin**.vad.

The new VAD file contains the list of words to be retrained.

TEMPLATE TRAINING

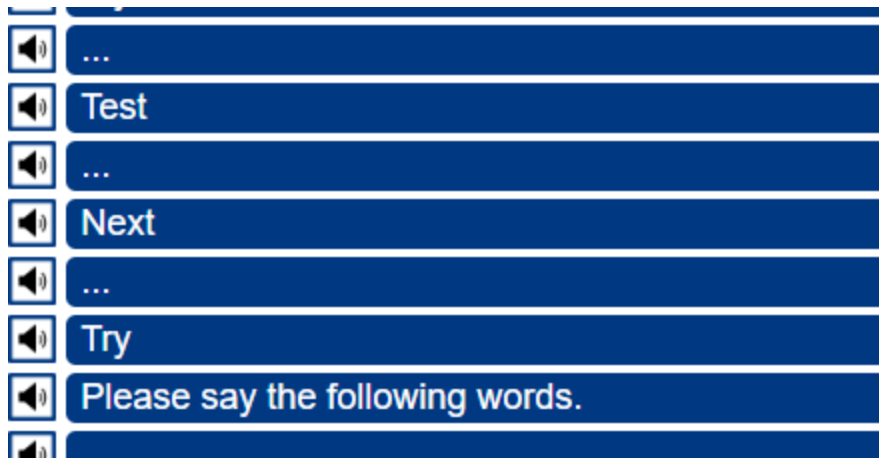
When the ToolVad utility is used any resource (resx) files are searched for resources in the following format:

```
VCOMMANDS[01..99]_Display and VCOMMANDS[01..99]_Spoken
```

The ToolVad opens the config.xml file (which is included inside the vad file) and adds these in the Phonetic section. When the vad is imported into VoiceConsole the config file is read. VoiceConsole uses this information to determine which words the operator must train. For example, the following information is included in the config file:

```
<phonetic phrase="vcommand01" substitution="try" display="Try" /><phonetic  
phrase="vcommand02" substitution="next" display="Next" /><phonetic  
phrase="vcommand03" substitution="test" display="Test" /></locale>
```

When the new vad file is loaded into VoiceConsole, it asks to train the following words that are not previously trained:



Resource Files

A resource file must be created for the plug-in in order to train commands.

1. In Microsoft Visual Studio, select: **Solution explorer** and right click to **Add> New Item > Resource File**.
2. For each VCOMMAND to be used, complete the entry for Display and Spoken.
3. Use one of the following methods to add the VCOMMANDS to the workflow:
 - SetCommands: `instr.SetCommands(command01: "This is try ", command02: "This is next");`
 - SetCommand: `instr.SetCommand(3, "This is test");`

Honeywell
855 S Mint St
Charlotte, NC 28202

automation.honeywell.com