

Advanced Design  
System 2017  
Update 1.0

# Verification Test Bench (VTB) Update 1.0 Release Notes

# Notices

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## What's New

- From ADS 2017, to install files that are required for the VTB functionality you need to download a separate VTB installer (for Windows only). For Linux, the VTB installer is bundled with ADS installer.
- It is recommended to download compatible ADS and VTB installers to the same directory. After the download, run the ADS installer. This process will automatically install the VTB functionality.
- If you have already installed ADS and find VTB functionality is missing, then you need to download and install the VTB.
- Upgraded SystemVue 2018 engine in ADS.
- ADS 2017 Update 1.0 only supports import of Custom VTB (SystemVue workspace) created using SystemVue 2018 and SystemVue 2018 Update 0.1.
- Added the following new VTBs:
  - **5G Advanced Modem Workspaces**
    - 3GPP\_NR\_DL\_Tx
    - 3GPP\_NR\_DL\_Tx\_Source
    - 3GPP\_NR\_UL\_Tx
    - 3GPP\_NR\_UL\_Tx\_Source
  - **NB IoT Workspaces**
    - LTE\_Advanced\_NB IoT\_DL\_Tx
    - LTE\_Advanced\_NB IoT\_UL\_Tx
- Updated the name of the existing VTBs:
  - **WLAN 11ac Workspaces**
    - ReferenceSensitivity\_Analysis updated to WLAN11ac\_ReferenceSensitivity\_Analysis
    - Tx\_1Ant\_Analysis updated to WLAN11ac\_1Ant\_Analysis
    - Tx\_1Ant\_Source\_Analysis updated to WLAN11ac\_1Ant\_Source\_Analysis

## Known Issues

- ADS 2017 Update 1.0 only supports import of Custom VTB (SystemVue workspace) created using SystemVue 2018.
- To use VTB, ensure ADS is installed in a path that has only ASCII characters.
- **Issue:** Backward compatibility

In ADS 2017 Update 1.0, the customized VTB can have the backward compatibility issue.

**Workaround:** To fix this issue, use one of the following method:

1. **Open** and **Save** the custom VTB in SystemVue 2018. Now, you can use the custom VTB in ADS 2017 Update 1.0.
2. A built-in workspace conversion tool is provided in the installer. You can convert the custom workspace (.wsv) to the newer SystemVue version. Use the following steps to convert the workspaces:
  - Open Command Prompt in the **Administrator** mode.
  - Browse the location of the old workspace. For example, C:\ADS\_VTB.
  - Run the following command parameter.

```
C:\ADS_VTB>"<ADS_Install_Dir>\ SystemVue\2018\  
win32_64\ bin\ WorkspaceConversionTool.exe "  
VTB_Examples.wsv VTB_examples_new.wsv
```

Where, **VTB\_Examples.wsv** is old SystemVue file and **VTB\_examples\_new.wsv** is converted file.

- The following successful message is displayed.

```
Created: VTB_example_new.wsv
```

- You can now use the **VTB\_examples\_new.wsv** workspace in ADS 2017 Update 1.0.

This information is subject to change  
without notice.

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