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Software Release Notes: Windows Driver for TSync Family

Software Version 3.2.3: Release Notes

Spectracom
Rochester NY, USA
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This document lists and briefly describes newly released features, enhancements and fixes for the Spectracom TSync family Windows Driver. The release notes are organized in a backwards chronological order, i.e. the most recent releases are captured first.

Table of Contents

Version 3.2.3   November 2019

Release features

- The TSync Control Utility shortcut was fixed so that it could be run from any user, not just the user that installed the program.
- The 64-bit installer of the TSync Windows driver now installs the 32-bit TSync.dll file in the correct location.
- The 3.2.3 driver has successfully completed the Windows driver signing process, and is compatible with Windows 10, version 1607, and later.

Known Issues

- The TSync Windows driver version 3.2.3 no longer supports Windows XP or Server 2003. If you are running these operating systems, it is **not recommended** that you update to this driver version.
- The setup.exe utility will not run successfully if you already have the redistributables installed on your machine in a later version. In this case, it is necessary to run Setup.msi (the setup utility without the C++ installation).

Version 3.2.1   October 2016

Release features

- New Windows OS versions and editions are now supported: Windows 7 (x86/x64), 8.1 (x86/x64), 10 (x86/x64), Windows Server 2008 (x64), 2012 (x64), 2016 (x64)

- Support for the TSync VPX board was added.

- The driver now includes the ability to update the Trimble GG receiver.

- Windows time integration: The 64-bit version of the driver now includes a TSync time provider module, allowing the Win-32 time service to communicate directly with the Spectracom TSync card.

- Added `waitForTo` API to support a time out parameter when waiting for an event (-1 for infinite wait, or numeric value for time out in milliseconds)

- The `HW_getIntTS` command now returns a sub-second accurate time for Windows OS's later then Windows 7.

- The installer has been split into two separate installers: one for 32-bit and one for 64-bit (the latter including the time provider)

- The driver now includes Visual Studio 2015 solution files (on a Windows computer, navigate to the Example Programs directory, and open a project file in Visual Studio: The provided source code can be modified to build an executable.)

Version 3.12   April 2014

Release features

- Added support for TSync-PMC & TSync-PCI-104

Enhancements and fixes

- Fixed Windows install bug with Microsoft Visual C++ 2010 Redistributable

Version 3.10   December 2013

Release features

- Added support for TSync-cPCI
- Added the following API commands:
  - o TSYNC_CS_getNextSec
  - o TSYNC_GO_getSWOtpPW
  - o TSYNC_GO_setSWOtpPW
  - o TSYNC_GR_getConstSel
  - o TSYNC_GR_setConstSel
  - o TSYNC_HW_getIntTs
  - o TSYNC_XO_getCalVal

Version 2.51   February 2012

Release features

- Removed the following API's:
  - none
- Added the following new API's:
  - HW_GetTemperature (For TSync cPCI boards only)

Version 2.41   January 2011

Release features

- Removed the following API's:
    - ETP_GetFormat
    - ETP_GetMode
    - ETP_GetOffset
    - ETP_SetFormat
    - ETP_SetMode
    - ETP_SetOffset
    - FR_GetOffset
    - FR_SetOffset

- Added the following new API's:
    - ETP_GetCfg
    - ETP_SetCfg
    - GO_GetSWTmAlgnEn
    - GO_SetSWTmAlgnEn
    - GR_GetRefId
    - IR_GetRefId
    - PTR_GetRefId

Enhancements and fixes

- Fix display Driver Version bug in Control Utility.
- Fix display Driver Verison bug in API "TPRO_getDriver".

Version 2.30   November 2010

Release features

- Tested/verified Windows 7 & Windows Server 2008 support. Verified 32/64-bit OS support.
- Added 64-bit Lib & DLL support.
- Added Version information to DLL.
- Updated install to include new demo PTP program, "QuickPTP".
- Added new API`s "HW_ClrIntCount" & "HW_GetIntCount".

How to contact Spectracom Tech Support

Should you have any questions or comments regarding any of the above-mentioned features or fixes, please contact one of the global Spectracom Technical Support centers for more information:

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