**FTD3XX Library & Driver Transition Notice**

**Document Version: 1.0**

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**1. Introduction**

To improve ease of support and long-term maintainability, FTDI has transitioned from a vendor-specific WDF-based driver to the standard Microsoft-provided WinUSB driver architecture for our FTD3XX product line.

This document outlines the key changes, impact on customer applications, and required steps for migration.

**2. Summary of Changes**

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| --- | --- |
| **Previous Configuration** | **New Configuration** |
| Driver: FTDIBUS3.sys (WDF-based) | **WinUSB driver (Microsoft-maintained)** |
| Library: FTD3XX.dll + FTD3XX.lib | **FTD3XX\_WU.dll + FTD3XX\_WU.lib (WinUSB version)** |

* The WDF-based driver will not receive any further updates.
* New WinUSB-based drivers are utilized, and INF files along with installers are provided to assist with the installation.
* New library files (FTD3XX\_WU.dll, FTD3XX\_WU.lib) are provided for compatibility with the new WinUSB driver stack.
* The **API remains fully backward compatible**—no source code changes are required for customer applications.

**3. Benefits of Migration**

* **Microsoft-maintained driver (WinUSB)** ensures:
  + Simplified deployment.
  + Improved long-term support and compatibility with future Windows versions.
  + No requirement for vendor-specific kernel drivers.
* **Reduced support complexity** for customers.

**4. Impact on Customer Applications**

|  |  |
| --- | --- |
| **Aspect** | **Impact** |
| Application API | **No changes required** |
| Linking | Replace old FTD3XX.dll and FTD3XX.lib references with **FTD3XX\_WU.dll and FTD3XX\_WU.lib** |
| Re-compilation | Required |
| Driver Installation | INF file and Installers are provided. |
| Compatibility | Applications built with old libraries will continue to work with WDF drivers but must switch to the new libraries for WinUSB drivers |

**5. Required Customer Actions**

1. **Remove the following files from your build environment:**
   * FTD3XX.dll
   * FTD3XX.lib
2. **Add the following new files:**
   * FTD3XX\_WU.dll
   * FTD3XX\_WU.lib
3. **Recompile your application.**
4. **Distribute the updated FTD3XX\_WU.dll alongside your application binaries.**

**6. Reason for Library Renaming**

The new libraries include a \_WU suffix to:

* Prevent accidental use of incompatible libraries with differing driver architectures.
* Allow clear distinction between legacy WDF and new WinUSB-based builds.

**7. Support Contact**

For assistance or further information, please contact:

**FTDI Technical Support**  
Email: [[support1@ftdichip.com](mailto:support1@ftdichip.com)]  
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