



# *RELEASE NOTES: Unified UART Driver V6.05.01.05*

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## **1 RELEASE FEATURES**

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The V6.05.01.05 unified UART driver maintenance release provides support for Windows NT4.0, 95/98/ME, 2000, XP and Vista operating systems.

This driver has official Microsoft WHQL certification for Windows XP 32 & 64.

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## **2 RELEASE CHANGES**

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The following enhancements have been made since the V5.12 unified UART driver

- Support added for the CFU950 and PCI958
- General improvements to reliability of PCI958 support compared to original standalone driver operation
- Support added for OxShell operation
- Windows XP 64 bit driver added to package.
- Improved COM Port Number remapping logic
- Better management of TR signal when data is transferring.
- Improved reliability on hyper-threaded and multi-processor systems.
- Modified GUI to stop auto-detected crystal frequencies being over-written if it wasn't in the list of "approved" frequencies. Will now always show auto-detected frequency in the list.
- Modified GUI to allow crystal frequencies to be manually entered as well as selected from list or auto-detected.
- Arrangement of controls in GUI have been tidied.
- Can no longer disable the use of FIFOs in the GUI.
- Improved crystal frequency detection when driver is starting up on a new installation.
- Added GUI for 64 bit OS.
- Warnings by WHQL tests on the use of obsolete functions have been resolved.
- A new package structure which better supports both 32 and 64 bit drivers is now provided.
- Deleting a baud rate remapping when more than one mapping exists would previously have incorrectly modified the next mapping.
- Improved operation of CF950, CF950 with local bus support and CFU950 on some PCs.

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## **3 RELEASE ERRATA**

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In order to support UART operation with a multifunction CFU950 under Windows 2000, Oxford USB host driver V1.11.0.4 or later will be required. This must be installed first using the installation instructions provided with the USB driver, using the file OXCFU950\_M2K.INF to work around issues with multifunction support under Windows 2000.

The CB950 may not install on Windows Vista 64. Please contact a representative of Oxford Semiconductor and request the UART Driver V6.05.01.03 which has no known installation issues on Vista 64.