

# CAN SDK for Windows 9x/ME/NT/2000/XP/2003/Vista

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## Release Notes

These are the release notes for the CAN SDK (Software Development Kit) supporting Windows 9x/ME/2000/XP/2003/Vista (32-bit) and Windows XP/2003/Vista (64-bit). The package contains header files, libraries, samples, documentation and tools utilizing the NTCAN-API for Windows to successfully develop, debug and test application using CAN hardware of esd electronic system design gmbh.

The following programming languages and environments are supported directly by the SDK:

- Microsoft Visual C/C++
- Borland C++ Builder
- Borland Delphi
- Visual Basic 6
- LabView 6
- Python 2.3.x or newer

In many cases an adaption to other programming languages which support dynamic libraries can be easily performed. Support for the Microsoft .NET environment is available, but has to be installed separately.

To work with your custom application or the SDK tools you have to install the CAN hardware and operating system dependent device driver on the target machine.

## Revision history

Listed below are the the improvements, changes and fixes between different releases of the SDK in reverse chronological order.

### Release 2.0.1

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2007-07-25

- **Tool:** Updated *CANReal* to revision 4.3.3.

- **Tool:** Updated *cantest* to revision 2.9.0.
- **Documentation:** Added missing documentation of COBView. Updated documentatation of all other tools.

## Release 2.0.0

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2007-06-14

- **Installation:** Changed installer to InnoSetup for Vista and Windows 64-bit support.
- **Installation:** Installation supported in English and German.
- **Installation:** Installed binaries, shared libraries and the installer itself are digitally signed.
- **Tool:** Replaced CAN-Bus monitor *CANScope* by improved version *CANReal* revision 4.3.2.
- **Tool:** Integrated new tool *CANRepro* revision 1.0.5 to 'play back' CAN communication 'recorded' with *CANReal* in SDK.
- **Tool:** Integrated new tool *CANPlot* revision 1.0.1 for draw line graphs of CAN data in SDK.
- **Tool:** Integrated new tool *CANScript* revision 1.0.2 (Python based scripting front-end) in SDK.
- **Tool:** Updated *COBView* to revision 3.0.0.
- **Tool:** Updated *cantest* to revision 2.8.9.
- **Tool:** Integrated 64-bit version of *cantest* in SDK.
- **Tool:** Removed *CANBatch* and *CANTestWin* (GUI version) from SDK.
- **Documentation:** NTCAN-API documentation and all tool manuals included in CAN SDK.
- **Header:** Updated NTCAN-API Header to support features new in ntcandll V 4.x.x and type safe data types for 64-bit development.
- **Library:** Updated C library files for Microsoft Visual C/C++ and Borland C/C++ for ntcandll V 4.x.x.
- **Library:** Support for Borland Delphi integrated into SDK.
- **Library:** Support for Borland Delphi integrated into SDK.
- **Library:** Support for LabView integrated into SDK.
- **Library:** Support for Python 2.3.x, 2.4.x and 2.5.x integrated into SDK.
- **Library:** CANopen Test Interface (COTI) library of CiA (CAN in Automation) integrated into SDK to support esd CAN hardware in CANopen conformance test.
- **Samples:** Out of the box working projects for Visual Studio 6, Visual Studio 2003.NET, Visual Studio 2005 and Borland C++ Builder.

## Release 1.3.0

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2002-06-12

- **Installation:** Switched to MSI based installation.
- **Tool:** Updated CAN-Bus monitor *CANScope* to revision 1.2.7

- **Tool:** Updated console mode cantest to revision 2.6.1
- **Tool:** New CANopen specific tool COBView in revision 2.1.0
- **Header:** Updated NTCAN-API Header to support ntcn.dll V 2.3.x feature and newer.
- **Library:** Updated C library files for Microsoft Visual C/C++ and Borland C/C++ for ntcn.dll V 2.3.x.

## Release 1.2.0

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2000-03-13

- **Tool:** Updated CAN-Bus monitor CANScope to revision 1.2.1
- **Tool:** Updated console mode cantest to revision 2.4.4
- **Header:** Updated NTCAN-API Header with support for CAN 2.0B and new entry canGetBaudrate()
- **Library:** Updated Visual C library file to ntcn.dll V 1.5.x
- **Library:** Updated Borland C library file to ntcn.dll V 1.5.x
- **Sample:** Extend Visual Basic example with stubs for canGetBaudrate()

## Release 1.1.0

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1999-10-29

- **Tool:** Integrated new tool CANBatch in revision 1.1.0
- **Tool:** Integrated new tool *CANTestWin* (GUI version) in revision 1.0.0
- **Sample:** Added Visual Basic example

## Release 1.0.5

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1999-03-17

- **Initial installer based release which is common for Windows 9x and Windows NT**
- **Tool:** CAN-Bus monitor CANScope revision 1.0.8
- **Tool:** Console mode cantest revision 2.2.1
- **Header:** NTCAN-API header for ntcn.dll V 1.4.x
- **Library:** Library files supporting development with Microsoft Visual C/C++ and Borland C/C++.