

Thesycon Software Solutions GmbH & Co. KG — Company Profile

Services

Software development

- ❑ Design and implementation of custom device drivers for Windows operating systems
- ❑ Design and implementation of software for embedded devices (Firmware)
- ❑ Drivers for high performance bus systems such as USB and IEEE 1394
- ❑ Drivers for broadband multimedia, audio and video applications
- ❑ Network drivers (NDIS)
- ❑ System-level Windows applications and function libraries

Concepts

- ❑ Concept development for integrating device drivers into the operating system according to a given interface, e.g. DirectX, DirectShow, NDIS, USBDI, ASIO
- ❑ Design of software interfaces, device drivers and firmware
- ❑ Design of complete software solutions incorporating device drivers and embedded systems

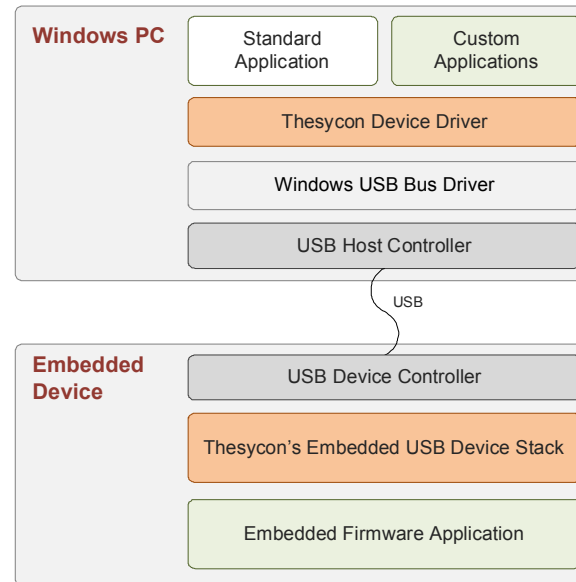
Consulting

- ❑ Creation of solution strategies to realize our customers' ideas
- ❑ Expert technical guidance and feasibility studies for complex projects
- ❑ Tailor-made training courses, also in cooperation with our partners

Products

Our product range is based on universal drivers, driver templates and development tools for Windows operating systems. It includes the universal USB driver, USB CDC class drivers and software development kits for USB and IEEE 1394. Each kit contains a device driver which provides Windows applications with direct access to devices on the bus.

We also provide embedded software stacks for microcontrollers, so our customers are able to receive a complete software solution consisting of device driver and firmware.



Detailed information and free evaluation versions are available on

www.thesycon.de

Projects

Completed projects demonstrate our expertise in various areas. Our drivers exploit concepts such as kernel-mode streaming, Plug&Play and power management.

A detailed list of successfully finished projects is available for download at:

<http://www.thesycon.de/dl/refprojects.pdf>

USB Device Drivers

- ❑ Generic drivers for USB 1.1, 2.0, 3.0 devices
- ❑ USB CDC/ACM Class Drivers for Windows and Windows CE/Mobile
- ❑ USB CDC/ECM and CDC/NCM Class Drivers for Windows and Windows CE/Mobile
- ❑ USB Audio Class 2.0 driver for Windows and Mac OS X
- ❑ Device driver for USB camera devices
- ❑ USB device drivers for Linux
- ❑ USB device drivers for Apple Mac OS X

USB Firmware

- ❑ Embedded USB Device Stack with CDC/ACM, Mass Storage, CDC/ECM, CDC/NCM, RNDIS, Audio and HID device classes
- ❑ Embedded USB Host Stack with Mass Storage, HID, CDC/ACM and Printer class drivers
- ❑ USB Bootloader for Embedded Systems
- ❑ Composite USB HID/Mass Storage Device with integrated CD-ROM Emulation

Network drivers

- ❑ PCI, PCIe NDIS network adapter drivers
- ❑ W-LAN network interface (PCI and CardBus)
- ❑ Network drivers for Mac OS X

Thesycon at a Glance

Thesycon was founded in 1998. The main office is located in Ilmenau, Germany.

The Thesycon team specializes in the development of system-level software and device drivers for the operating systems Windows 8/7/Vista/XP, Windows CE/Mobile, Linux and Mac OS X.

Furthermore, Thesycon has established a business field in embedded software.

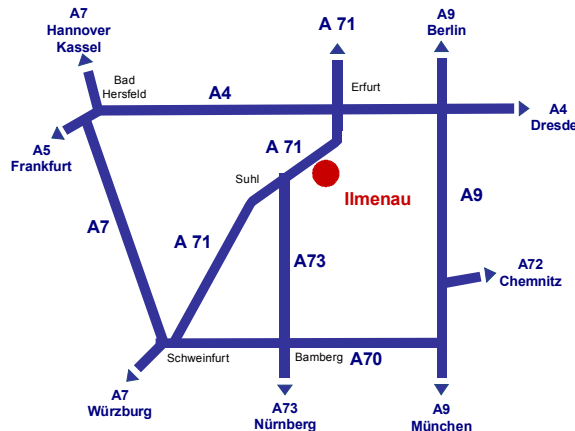
We provide development services in these areas either on a partnership basis or as a service to our customers. We offer consultation, concept development (system design), implementation, and high-quality technical service and support. Additionally, Thesycon offers software tools to assist our customers in developing drivers for the Windows and Linux operating systems.

We give the highest priority to ensuring the quality and reliability of our products and services.

Location Map



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