

Tools and Services

The complete range:

consulting, development,

production, logistics,

tools and more ...



consulting & tools

Hitex Development Tools is known as provider for reliable hardware and software tools for more than 30 years.

Building on this, Hitex also offers expert consultancy services to deliver the results you need throughout the development cycle.

Based on this know-how Hitex is not just a world wide leading tool supplier but also expert for all problems regarding your development project.

From the idea to the product

As one of the industry's most experienced manufacturers of real-time development systems, Hitex offers breadth and depth of expertise in both hardware and software development. This speeds up the entire process while improving quality: together with you, we can create the whole system layout, from test concepts through to final production.

Naturally, we can also do purely hardware development for you – completely or partially – whereby you retain complete control of your project and resources.



The right microcontroller

In nearly all cases your first step is to choose the appropriate microcontroller: 8, 16 or 32 bit? ARM or another architecture? Hitex is there to help you select the best microcontroller for your application.



The right tools

The best controller is of no use without a suitable set of professional tools. Hitex offers a wide range of powerful solutions for many architectures, including compiler and debugging tools, and additionally for system and unit test. The tools chosen can be tailored to meet your requirements if desired.

In addition, Hitex offers full training courses, enabling you to maximize the benefits of your investment.

Controller

Toolchain

Toolchain

Controller

training & design

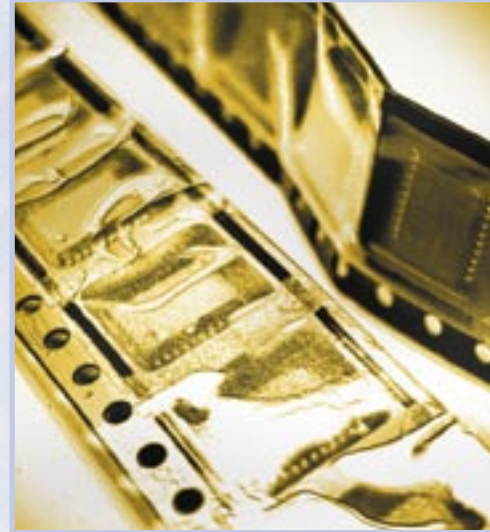
Back to school with HiSCHOOL!

What's the point of having optimized tools and sophisticated software, if you don't use the complete range of functions? Time for professional training!

HiSCHOOL, the Hitex Training Academy, explains the tools and technologies. Courses are tailored to attendees' knowledge and experience and the training is backed up with full and detailed documentation. Courses can be held at Hitex or on-site in your company as you wish.

FPGA, SoC, high-speed, multi-layer boards...

Whatever kind of development you need: Hitex can deliver! We have the capabilities to produce FPGA designs and System on Chip (SoC) systems, while supporting your software development with our high-end tools.



Software testing to industry standards

The quality of the end product can only be as good as the reliability of the product. Everybody knows what's involved: code reviews, ISO 9001, IEC61508, MISRA C guidelines... For all of these and more, Hitex can help with advice, testing, implementation and accreditation.

Training

Training

Layout

Layout

Design

Design

test & production

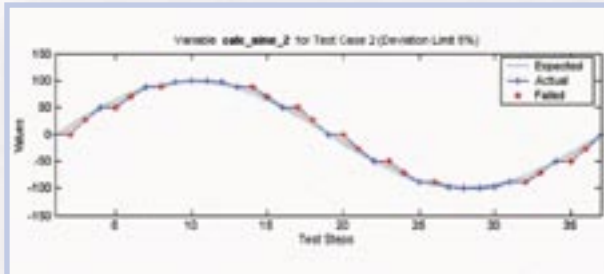
Testing and debugging

Our support staff can provide full technical support both on-site and over the Internet. Hitex can also provide full testing of your design and application, and compile test reports according to standards or agreed requirements.



From prototype to production line

Hitex can turn designs into reality. From simple devices to complex multi-layer PCBs, we can produce samples, prototypes or even small production runs. We offer consultation and support for everything from housing the boards through to design and artwork of your packing. Result: the final product as desired.



Documentation

From detailed technical documentation to online help and tutorials, both printed and electronic – Hitex can help you to structure and produce your user documentation to the highest standards.

Test

Production

Test

Production

products

From starter kit to high-end tool

Hitex Development Tools offers a comprehensive product portfolio for developers of embedded applications.

Starter kits and entry-level tools enable an easy and straightforward way to get started with your first project. Hitex then offers upgrade possibilities that can turn your initial investment into a full, professional design suite. This lowers the start-up costs and avoids repeating expensive tool training.



The tool chains are available complete with the appropriate compiler and debugger, comprehensive operating system support and software tools for test and analysis. In addition to the tools for embedded microcontrollers, Hitex also offers protocol analyzers for USB, I²C, CAN and FlexRay.

Trace, Coverage Analysis etc.

For challenging and safety-critical projects our customers rely on our JTAG-debuggers and in-circuit emulators, in 8, 16 or 32-bit form. This allows debugging at the heart of your application and of the processor itself. Our emulators have proven their functionality in daily work for many years and are available for a wide variety of the most requested architectures. The modular construction of the debug hardware allows a step-by-step adaptation to your project needs.

Tanto2: OEM platform for your project

Tanto forms the base for your sophisticated products in the areas of testing, analysis, debugging, programming and control systems. The Tanto system offers the maximum flexibility for the hardware and software of your product. You can concentrate on developing your own application without the need for re-inventing the wheel each time, with individual adaptations and tailored solutions available.



Products

Tools

Products

Tools

Requests for such work from our customers are an indicator of a successful partnership with Hitex: Micronas and Hilscher are good examples of companies using Hitex for bespoke development work and our understanding of "tools and services".

TantinoVCTP for Micronas TV-Processor

From an early stage in the project, Hitex was involved in the development of a JTAG debugger for the Micronas TV processor chip, the VCT6wxyP (a single package LCD TV solution). Hitex delivered a fully featured customised product development environment, together with the first chip samples, enabling Micronas to quickly get started with real hardware.

Hitex development tools are successfully used worldwide by leading vendors for the development of LCD TV applications, a market seeing heavy growth across the globe.

netX support for Hilscher

Hitex developed a customized development solution for the netX chip, a universal network microcontroller, in a joint project with Hilscher. This was delivered with global technical support to allow rapid development work to be efficiently undertaken.

The netX starter kit provides the easiest way to start development work on the platform; it comprises a netX board, a powerful JTAG Tantino debugger and the platform-independent HiTOP debugging software.



Projects

Hitex Development Tools GmbH

Greschbachstraße 12
76229 Karlsruhe

Tel. +49-721-9628-0
Fax +49-721-9628-149

www.hitex.de
info@hitex.de

Hitex UK

Warwick University
Science Park
GB-Coventry CV4 7EZ

Tel. +44-24-7669-2066
Fax +44-24-7669-2131

Hitex USA

2062 Business Center Drive
Suite 230
Irvine, CA 92612

Tel. 800-45-Hitex
Tel. +1-949-863-0320
Fax +1-949-863-0331

Hitex ASIA

25 International Business Park
#04-62A German Centre
Singapore 609916

Tel. +65-6566-7919
Fax +65-6563-7539