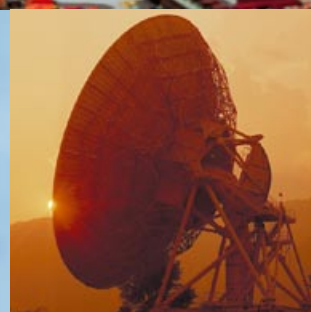
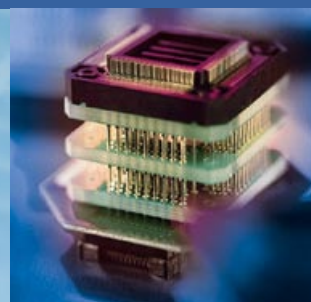
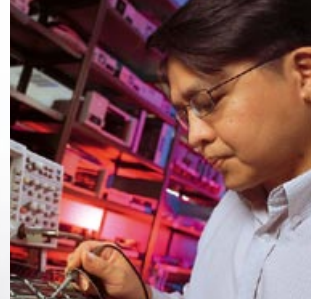


hitex 
DEVELOPMENT TOOLS

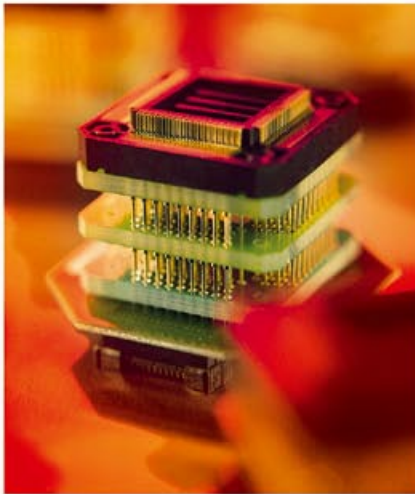


hitex
Embedding Software Quality

More electronics, more challenges

The Pressure Is On

In this age of rapid technological advancement, consumers have never been more demanding. They want their cars with improved ABS braking, their mobile phones with UMTS connections, their GPS tracking devices, their video streaming, and their interactive TV. And they want it now. More product features, however, means more electronics. The more chips and software you have interacting, the greater the complexity of the underlying microprocessor. Which means? In many cases, reduced quality in the embedded software and the increased risk of a defective product. Simply put, embedded software must be secure and bug-free upon first release.



More Risks

Recalls and re-releases cost not only time and money but do damage to a company's image, especially if that software has posed a danger in the field. Devices such as car air bags and aircraft landing gear must function properly every single time. It's therefore critical to debug in a systematic fashion: a manufacturer that cannot demonstrate a documented software development methodology that incorporates sound testing techniques is leaving itself in a vulnerable situation, especially in the event of a product liability claim.



For 28 years Hitex has been actively supporting embedded engineers around the world. Here are some of our milestones.

1976

founded as software company for microprocessor applications

Quality testing means quality software

A Systematic Development Strategy

Not only are development cycles becoming faster and embedded systems ever-more complex, but product safety standards are becoming more stringent. Companies that release software-based products not developed according to a recognized set of standards are putting themselves at financial risk. Even individual software engineers are becoming targets of professional liability claims these days. At the same time, these designers are under constant pressure to meet ever-shrinking market deadlines. But like any other highly skilled craft, embedded developers can only work as quickly and as flexibly as their tools allow them to – a craftsman is only ever as good as his tools.



Supporting The Embedded Engineer

For an embedded engineer forced to work with ill-suited instruments, this process can be one long thankless struggle. If a developer is expected to uncover all the bugs, quickly and efficiently, then he needs to work to a methodology. Testing and analyzing with simulators, debuggers and quality emulators is recognized as the most effective way of bringing about the success of an embedded microcontroller project.

Such tools are an integral part of a quality regime that demonstrates that a company has taken all reasonable steps to ensure the integrity and safety of its microcontroller software.

1983

first PC-based development solution for 8085/Z80

1985

first in-circuit emulator for Intel 8086 connecting a CP/M and an IBM PC

Sophisticated tools, efficient solutions

A Name You Can Rely On

Major companies across the globe rely on Hitex development tools to ensure that their electronic products are safe and secure before launching them on the market. In the hands of a competent engineer, quality development tools can speed up time-to-market and substantially enhance the reliability of the embedded system.

Hitex offers integrated tool solutions for an enormous range of chip architectures found in a diversity of hi-tech markets. Moreover, our consultants and engineers can provide the customer with expert support during all phases of the development process.



Tanto: the perfect solution for high-end 32-bit microcontroller applications



Market Leader With Long Experience

With 28 years of experience in the business, Hitex is an acknowledged leader in the field of debuggers, in-circuit emulators and other quality software instruments. Our in-circuit emulators are guaranteed to emulate a microprocessor with complete accuracy – in real time, at any time. Little wonder that Hitex is one of the leading suppliers of test and analyzer software tools in Europe and one of the largest in the world today. If you haven't heard of Hitex yet, then you simply haven't been digging deep enough. Our know-how is safely embedded in the end-product. Some of the biggest names in the electronics and automotive industries are using Hitex instruments day in, day out to test their systems: Alcatel, Bayer, BAe, Bosch, Daewoo, DaimlerChrysler, Ericsson, Fujitsu, General Motors, Hyundai, Mannesmann, NASA, Nokia, Panasonic, Philips, Volvo, Samsung, Siemens – just to name a few.

1986

first Intel MCS-51 emulator to track
internal access without bondout

1989

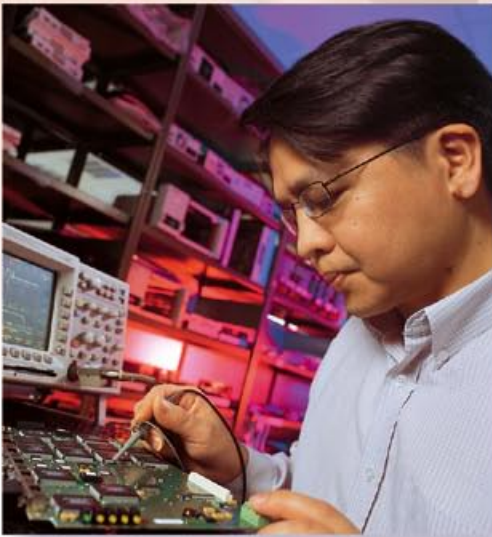
founded first subsidiary
in Coventry, UK

Modular products made to fit

Complete Solutions

Hitex sells and supports complete solutions for the embedded development engineer. All necessary elements can be supplied in the one integrated package – comprehensive service from a single supplier. And since there are multiple suppliers of compilers, CASE-tools and language-sensitive editors, we provide interfaces for all these tools.

Hitex also works closely with leading software manufacturers in order to support industry standards such as NEXUS and OSEK.



Tools To Suit All Needs

Hitex can provide a package solution for all budget needs, from entry-level debugger tools to high-end test and analyzer solutions. The Tantino debugger is designed for the tight budget. The DProbe concept embraces an extensive family of modular emulators that are packaged into units no bigger than your hand. For DProbe users who require even more power, Hitex offers additional test capabilities with the DTrace as well as the Dbox, which upgrades the DProbe to a powerful high-end emulator. Tanto is our newest modular solution for high-end 32-bit microcontroller applications.

Hitex also provides reliable adaptation cables and adapters for just about every purpose. For example, Hitex's revolutionary PressOn adapter has effectively solved the problem of connecting test equipment to many flat-pack chips. HiTOP is the desktop software that coordinates the various Hitex debugging tools. HiTOP integrates all the advantages of hardware and software debugging into a single, consistent user interface.

1991

**modular emulator for 16-/32-bit
processors of Siemens, Motorola and Intel**

1992

**HiTOP for Windows – our unique
emulator user interface**

Developing software around the world

A Hi-tech Company With History

Hitex is not just another dot.com company, here today, gone tomorrow. Embedded designers around the globe, from Norway to North America, India to Australia, have been relying on Hitex know-how for 28 years. Hitex Development Tools was founded in 1976 as a professional partner for developing microprocessor systems. In 1997 we acquired Kontron Elektronik's development tools division, which made us the world market leader for in-circuit emulators in the field of the Infineon C166 architecture.

Today, Hitex is a leading in-circuit emulator supplier in Europe and one of the largest worldwide. Headquartered in Karlsruhe in southern Germany, Hitex's international subsidiaries can be found in the USA, the United Kingdom and Singapore, in addition to support offices / distributors in more than 30 other countries.



Karlsruhe



California



Singapore



Customized Solutions

If it's a unique solution you require, the Hitex team has the expertise to meet your most complex design needs. With a wealth of experience in microprocessor architectures, our engineers are experts in embedded design. Meeting the requirements of the ever increasing demand for quality, Hitex has acquired a profound knowledge in standards for testing. We can supply you with optimized testing tools and help you develop your perfect test strategy.

1994

founded subsidiary
in San Jose, CA

1997

acquisition of Kontron
Development Tools Division

1998

founded subsidiary
in Singapore

We're with you all the way

Hi-tech Consultants At Your Service

Customer care is one of our main driving forces, from beginning to end of the development process. We provide comprehensive consultancy and assistance for all our customers and potential clients. Whether you require comprehensive advice in starting a project or are just after a few last-minute tips, a Hitex engineer or consultant familiar with your specific chip architecture and tool chain will be there to answer your questions. All enquiries are answered within 24 hours.

Professional Training And Support

Using a new development tool to debug and verify a target system is often a cause of uncertainty for the design engineer. That's why Hitex places the utmost importance on providing technical support and training – we want our customers to get the most out of their new tools. Our experts conduct workshops on the use of Hitex tools as well as courses that will familiarize the engineer with different chip architectures. Hitex can support customers on a consulting basis in all phases of their development projects, from conception to system realization.

You're In Safe Hands

Technology is advancing at a rapid pace and product development is becoming ever-more complex, ever-more demanding. The pressure is on and the challenges are high. Hitex can make sure your engineers are better prepared for



meeting those tough market deadlines, and better equipped for developing embedded software that will be safe and secure when released on the market.

2001

release of
Tanto

2004

release of complete
tool chain for ARM

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the Internet!

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Major Partners

The leading-edge technology we invest in all our tools and products has been earned through long experience in the industry and also through our many valuable partnerships. It's because we work closely with the major chip vendors as well as with leading software tool manufacturers that we're able to incorporate a high level of interoperability into all our tool solutions.



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