



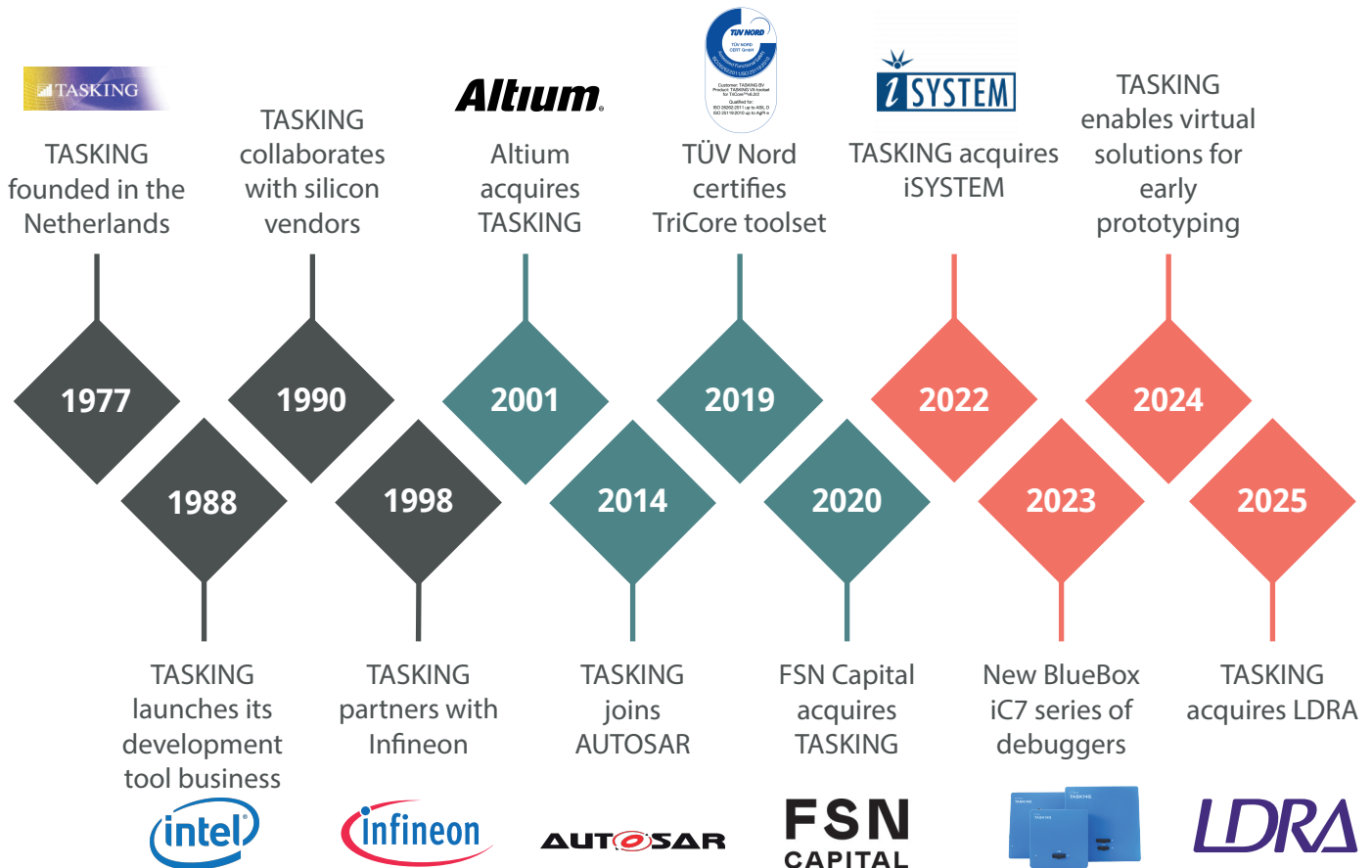
TASKING®

EMPOWERING YOUR CODE, PULSE BY PULSE.

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Company History

Since 1986, TASKING has been developing performance-driven compilers, gradually expanding its portfolio to debuggers for mission-critical applications and markets. Our strategic partnerships with semiconductor manufacturers, OEMs, and suppliers make us a key player in the embedded software development industry.



We create reliable and high-performance technology to empower software engineers in their daily life.



Gregor Zink, CEO

"Understanding our customers' day-to-day needs is essential to deliver development tools that developers truly love."



Christoph Herzog, CTO

"At TASKING, we believe that trust, expertise, and collaboration are the foundation for creating great products."



Christoph Mann, CFO

"At TASKING, we strive for excellence every day."

TASKING is a leading provider of embedded software development tools, primarily serving safety-critical applications. Founded in 1977, the Company has a rich history of developing performance-driven compilers and integrated development environments (IDEs) that enable manufacturers and Tier 1 suppliers to create safety-critical applications that are innovative, reliable, and high performance.

Today, TASKING continues to expand its portfolio and capabilities through acquisitions that broaden its offerings to include advanced debugger, software trace, and analysis tools. This constant strategic growth makes TASKING a trusted partner for embedded software development tools and services. TASKING has a strong position in safety-critical markets and applications, such as automotive, industrial and aerospace among others.

Focusing on trust, customer orientation, expertise and a strong commitment to sustainability, TASKING empowers embedded software engineers to develop reliable, high-performance applications for a safer future.

TASKING®



“We aim to shape the embedded future with innovative software products that push the boundaries of what is possible.”

TASKING by the numbers

1

Billion line of TASKING code run the world

5k

Supported chip variants

25+

Released products

700+

Customers globally

20+

Products credited by global OEMs for safety-critical application

25+

Nationalities at TASKING

OUR VALUES



**Customer -
orientation**



Excellence



Sustainability



Trust

Our mission is to cultivate an environment where expertise is the cornerstone, enabling us to deliver exceptional value to our customers.

Product Overview

COMPILER TOOLSETS



VX-toolset for TriCore



SmartCode

DEBUG, TRACE, TEST & PERFORMANCE TOOLS



BlueBox



winIDEA

SAFETY & SECURITY ECOSYSTEM



Qualified C Libraries



Safety & Security Manual



VX-toolset for Arm



VX-toolset for GTM



VX-toolset for RISC-V



Multi Core Performance Tool



Embedded Profiler



Qualification Kit



Inspector



winIDEA TQSP

TASKING products are the tools of choice for embedded software development across a wide range of safety-critical markets, including TIER1 automotive suppliers and industry-leading car manufacturers.

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```
...Registers, uint8_t byHartBits, uint8_t byNumTriggers)  
for (uint8_t byBP = 0; byBP < byNumTriggers; byBP++)  
{  
    c_rBPConfiguration.m_aTriggers[byBP] = (c_rBPConfiguration.m_aTriggers[byBP])  
    m_aRegisters.emplace_back(  
        byBP, byHartBits, byNumTriggers);  
}  
...  
...HardwareBP & rHWBP & rHWBPControlRegister & rHWBPControlRegister::back();  
...byIndex = byBP;  
switch (c_rBPConfiguration.m_aTriggers[byBP].m_eType) {  
    case (SInternalBP_RISCV::STrigger::EType::mcontrol) :  
        m_aControlRegister.emplace_back(c_rBPConfiguration.m_aTriggers[byBP].m_aHartBits); break;  
    case (SInternalBP_RISCV::STrigger::EType::mcontrol6) :  
        m_aControlRegister.emplace_back(c_rBPConfiguration.m_aTriggers[byBP].m_aHartBits); break;  
}
```