PEBBLE BAY

embedded software development

Pebble Bay is an embedded software development company providing specialised solutions that enable customers in a range of industry sectors to build reliable, high-performance and easily maintained embedded systems.

With vast project experience and specialist market expertise, we have a proven ability to significantly reduce development time and minimise project risk and cost.

"We have worked with Pebble Bay and in all cases we have found the standard of work extremely high, without failure and delivered on time, complete with full support documentation."

SIEMENS

EMBEDDED SOFTWARE DEVELOPMENT

Trust, reliability and service quality

Since 2005, Pebble Bay has provided mission-critical embedded software development services to some of the world's leading companies across the industrial automation, military and aerospace and telecommunications sectors.

We offer a range of embedded software development services to help turn designs into fully functional systems.

Embedded software development

We offer a range of embedded software services to turn your design into a fully functional system.

Embedded system development

Working with our hardware design partners, we act as a single point of supply for complete embedded system development. We can deliver pre-integrated hardware and software platforms complete with device drivers, or a turn-key system with application software.

Embedded systems optimisation

We offer a range of services to help troubleshoot and optimise your embedded software. This can range from fast turnaround investigation and diagnosis to longer-term strategic product improvement projects.

Embedded software porting

We offer a range of services to help you port software to your target environment reliably and with low risk. This can range from providing advice on how best to undertake a port through to porting and testing.

CORE EMBEDDED COMPETENCIES

Operating Systems

Pebble Bay has experience with all leading operating systems and platforms including: VxWorks, Linux, LynxOS, INTEGRITY, Nucleus, QNX, ThreadX, Windows CE, Bare Metal

I/O Technologies

USB, Serial drivers, Networking, VME/VPX, PCI/PCIe/CPCI, sRIO, I2C, SPI, SCSI

Processor Competencies

ARM, MIPS, Intel x86, PowerPC, Coldfire

Market Expertise

Pebble Bay has provided mission-critical embedded software development services to some of the world's leading companies across the industrial automation, military & aerospace and telecommunications sectors.

"Totally professional and extremely high quality results. A pleasure to work with, delivering what they promise, when they promise."

HITEX UK

Our embedded software engineers have completed hundreds of successful embedded software projects over the last 30 years, with a commitment to trust, reliability and service quality.

There are several benefits that set us apart from our competition, including:

Highly effective project and quality management

We actively manage all embedded projects, minimising your effort. Our approach is disciplined and pragmatic, keeping you fully informed throughout. This has given us an enviable track record of efficient, on-time and within-budget delivery. We adopt a similar approach to quality management, allowing us to deliver reliable and easily-integrated solutions.

Scalable solutions

We provide embedded software development and consultancy services covering all product lifecycle phases, from initial feasibility study through to system development and product improvement.

Strong technical focus

We have unparalleled experience of hardware and software integration and the development of low-level software that forms the basis of high-performance embedded systems.

Flexible partner resources

Our network of partners enables you to benefit from specialist resources for software, hardware and FPGA design. We provide a single point of supply to deliver your project in conjunction with our partners.

Speed and time to market

With a wealth of embedded development experience we can bring embedded solutions to market quickly.

Lower project lifecycle costs

Our extensive project management, quality assurance, testing and risk mitigation strategies can dramatically reduce project lifecycle costs.

Reduced project risk

Our project and quality management capabilities reduce overall project risk.

Strong partnerships

Our strong network of partners give us the breadth of capability and technologies that help us provide efficiency and speed to market.

Extensive embedded experience

Our principal engineers have completed hundreds of successful embedded software projects over the last 30 years.

Strong project management

We have extensive embedded project management experience and expertise to ensure that your project remains on track.

Contacts

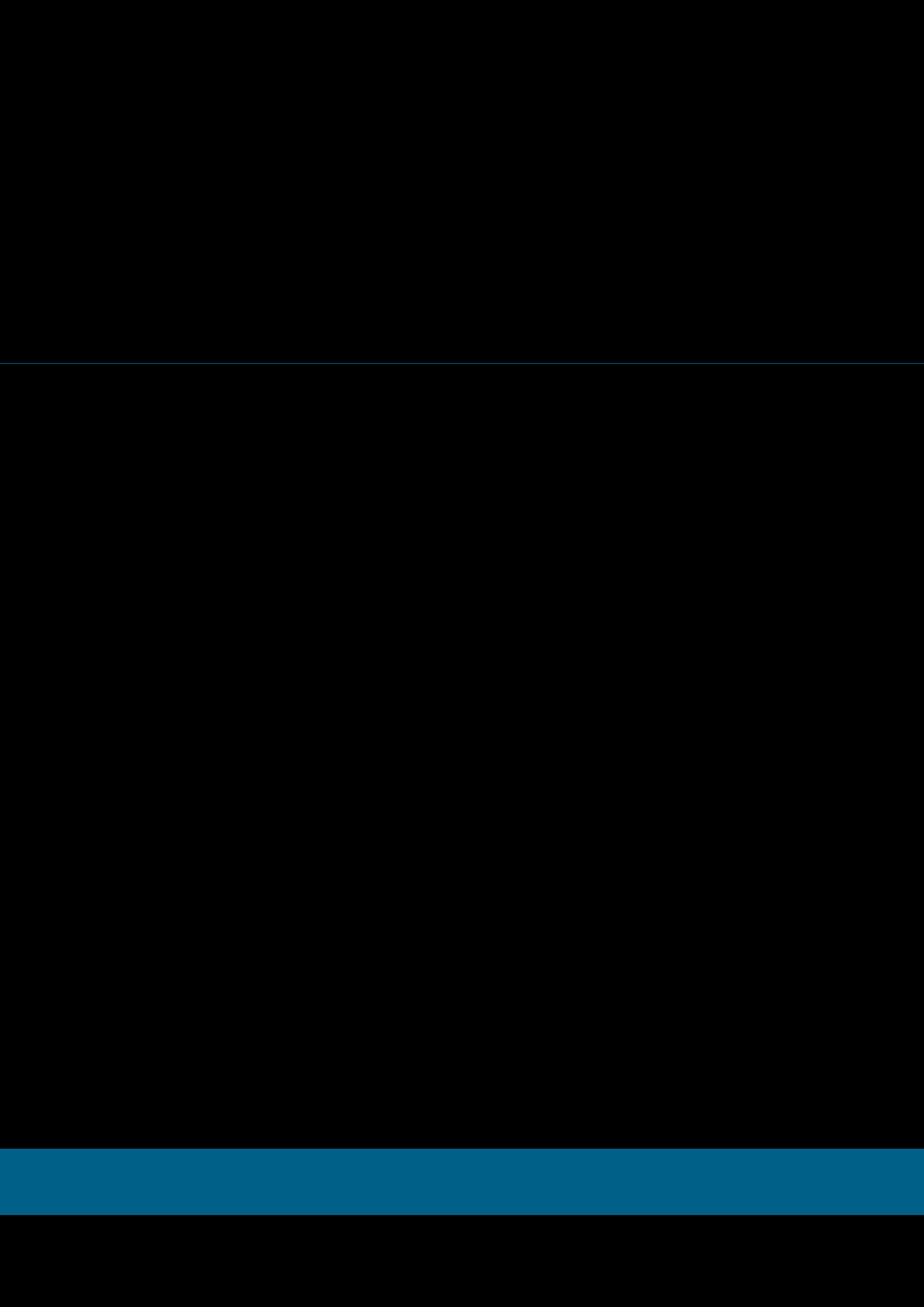For further details of our embedded software development services, please contact:

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