ANY AND EVERY

MICROPROCESSOR

&

MICROCONTROLLER

H/W AND S/W DEVELOPMENT TOOLS

FOR

EMBEDDED SYSTEMS APPLICATIONS

EMBED TECHNOLOGIES PRIVATE LIMITED
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SHORT FORM CATALOGUE

Embed Technologies Pvt. Ltd. [**EmTech**] have been in Microprocessor technology for the last 15 years, providing Development and Debug Solutions to the varied customers.

Founded by Late Mr. A.N Srinivas in 1995, a Pioneer in providing Embedded Solutions , EmTech has created a niche for itself in the Market . We offer excellent customer support and cater to the needs of Clients from Telecommunications, Research & Development, Process Controls, Automation Industry, Networking, Aviation, Defence, Power Systems and Electronic Industry and many more.

Clients, who have put lot of trust on our services and co-operation to their best includes ISRO, C-DOT, Hughes Software Systems, Motorola India Electronic Ltd., Lucent Technologies, Satyam Computer Services, ADA, ADE, BHEL, BEL, DRDO, HAL and many more, thus covering all Public and Private sectors.

We represent some of the world leaders in Real Time Embedded Systems/Applications for distributing their Hardware and Software Development & Debugging Tools, Real - Time Operating Systems, DSP Development Systems, Universal Device Programmers, PC-104 Cards, VME & Compact PCI Boards / Systems & the corresponding I/O cards, PCI & cPCI Bus Analyzers, Adapters, Extenders etc.

MAIN ACTIVITY :

♦ Marketing and to provide customer services for all hardware & Software development / debugging tools, especially for Real -Time Embedded Systems applications.

VISION :

♦ Our long term plans are to work hard sincerely & honestly to remain ourselves as a premier source of supply for the entire of hardware and Software development tools Real-Time embedded systems applications.

CURRENT OBJECTIVES :

♦ Our efforts will be to promote complete range of hardware and software development tools available in the market to provide a total solution to the customer as per the needs.

To maintain a long - lasting relationship with the principal companies in promoting their products through :

- Proper Product Training.

- Effective product campaigning.

- Extensive Demonstrations.

- Providing the best customer services.

We are the Channel Partners for the following companies in promoting their solutions:

APPLICATION: TELECOM/ WIRELESS/ INDUSTRIAL / MEDICAL / AUTOMATION:

1. **MOTOROLA COMPUTER GROUP** (http://mcg.mot.com) High Availability (6 NINES), Compact PCI / Advance TCA platforms, VME bus boards,VoIP, ATM,Frame Relay,   SS 7 Integrated Solutions, etc...

2. **INTERPHASE CORPORATION** (www.iphase.com) ATM, Frame Relay, SS 7 stacks and PCI / cPCI cards, Networking products, Storage products etc...

3. **PERFORMANCE TECHNOLOGIES** (www.pt.com) ATM, Frame Relay, SS 7 stacks   and cards, Networking Blades etc..

4. **TEWS TECHNOLOGIES** (www.tews.com) IndustryPack, PMC, and VME modules for digital   and analog I/O, motion control, serial communications, networking, and field bus solutions

CUSTOMERS: WIPRO, MOTOROLA, HUGHES SOFTWARE, DATA PATTERNS, CDOT, INTEL, LUCENT, TEXAS INSTRUMENTS, KSHEMA TECHNOLOGIES, BEL, LRDE, BHEL, etc

DEVELOPMENT TOOLS (Royalty Free RTOSes, Compiler Suite,Emulators, Simulators for 8051, x86 Real and Protected Mode, 68xxx,Power PC, MIPS, ARM,TI DSPs etc...)

COMPLETE DEVELOPMENT SOLUTION FOR 8051 (ALL MAKES) :

1. **METALINK INC** (www.metaice.com) Cost effective development tools comprising of Compiler (Keil,IAR,Tasking), Linker and Library,Emulators etc for all makes of 8051 microcontrollers.

2. **MICROTIME INC** (www.microtime.com.tw) Complete Solution for 8051 development projects.

CUSTOMERS: WIPRO, CONSIGN TECHNOLOGIES, BEL, ADA, LRDE, BHEL etc

COMPLETE DEVELOPMENT SOLUTION FOR TI DSPs:

3. **SPECTRUM DIGITAL** (www.spectrumdigital.com) Any TI processor development tools, Code Composer Studio, Evaluation Modules, JTAG and USB Emulators, DSP Starter Kits etc...

CUSTOMERS: TEXAS INSTRUMENTS, INTEL, ITTIAM SYSTEMS, SATYAM, ACCORD SOFTWARE, HUGHES SOFTWARE etc

COMPLETE DEVELOPMENT SOLUTION FOR X86 TARGETS (REAL MODE AN PROTECTED MODE 186/286/386/PENTIUM) :

4. **PARADIGM SYSTEMS** (www.devtools.com) x86 Real and Protected Mode Development Tools.

CUSTOMERS: AMD, BEL, ADE, MOSCHIP SEMICONDUCTORS, INFOSYS, SAMSUNG etc

COMPLETE DEVELOPMENT SOLUTION FOR 68xxx,Power PC, MIPS, ARM etc.. :

5. **WINDRIVER SYSTEMS** (www.windriver.com) Emulators (JTAG / BDM / ICE) VPII and Vision ICE II, Diab Compiler, Single Step Debugger, Simulators etc..

6. **AVOCET SYSTEMS** (www.avocetsystems.com) JTAG / BDM / ICE emulators, Compilers,   RTOS es. etc... for 8051, x86, 68K, Power PC, etc...

CUSTOMERS: WIPRO, PHILIPS, INTEL, LUCENT, HUGHES, TATA ELXSI, CO SYSTEMS, SATYAM, KSHEMA TECHNOLOGIES, etc

ROYALTY FREE RTOS 'es FOR 8051, x86 Real and Protected Mode,68xxx,Power PC, MIPS, ARM,TI DSPs etc...

7. **CMX SYSTEMS** (www.cmx.com) Royalty Free RTOS, 100% Source Code provided, TCP/IP Stacks, for processors such as 8051, x86, 68K, Power PC, MIPS, ARM, 68K, DSPs etc..

CUSTOMERS: LARSEN & TOUBRO, MOTOROLA, PHILIPS, NOMUS COMMUNICATIONS etc

ANALYZERS & EXERCISERS, ADAPTERS and EXTENDERS:

8. **CATALYST ENTERPRISES** (www.getcatalyst.com) PCI, Compact PCI, USB, Bluetooth,   PCI-X, PCI EXPRESS, SAS/SATA ANALYZERS, EXERCISERS, ADAPTERS and   EXTENDERS.

CUSTOMERS*:*

 INFINEON, MENTOR GRAPHICS, ANURAG, CG-COREEL, SOCRATES, FORCE COMPUTERS, WIPRO, MOTOROLA, LUCENT, INTEL, TEXAS INSTRUMENTS, HUGHES SOFTWARE, SONY, FORCE COMPUTERS, INFINEON, MENTOR GRAPHICS, SAMSUNG, INFOSYS,
SATYAM COMPUTERS, KSHEMA TECHNOLOGIES, HEWLETT PACKARD, and many many more……..

APPLICATION: TELECOM/ WIRELESS/ INDUSTRIAL / MEDICAL / AUTOMATION:

1.   **MOTOROLA COMPUTER GROUP (MCG) (http://mcg.motorola.com):**

Motorola is a global leader in providing integrated communications solutions and embedded electronic solutions. It is developing, manufacturing, selling and supporting a full range of board level products, UNIX based multi-user systems, distributed computer platforms, real time systems and multi-user client/server computing solutions to OEMs systems integrators, VAR's and select end users. Target processor support includes 68xxx, x86 and Power PC family processors. RTOS support includes PSOS Lynx, OS-9, QNX, Tornado & Win NT / CE. Pentium and Power PC 750 / 860T based passive PCI and Compact PCI systems are the best and the most popular in the world market of Telecom, Defence & Industrial control applications. Building upon our diverse family of single-board computers, high availability CompactPCI® platforms and operating systems, PrPMCs and fault tolerant solutions (compatible with both PowerPC® and Intel® architectures), MCG offers a range of products and services that meet the diverse needs of telecom OEMs.

Motorola also offers value-added services such as integration, engineer-to-engineer resources, product life cycle management and more to speed OEM time-to-market and profitability. Our goal is to provide you with innovative products, services and solutions that will help you gain a competitive advantage in your markets.

2.   **INTERPHASE CORPORATION (www.iphase.com):**

Interphase designs and delivers high performance connectivity adapters for computer and telecommunication networks. The company's products connect computer and telecommunication servers to Wide Area Networks (WANs), Local Area Networks (LANs) and Storage Area Networks (SANs) using Fiber Channel, Asynchronous Transfer Mode (ATM), Ethernet, Signaling System (SS7), Frame Relay and Integrated Services Digital Network (ISDN) technologies. Interphase's broad range of telecommunication solution offerings include world class hardware performance with well designed and easy to use Software Development Kits for ease of implementation in the most demanding applications. Our solution offerings are aimed at decreasing our customers' design and production costs while improving their time-to-market. Based on the latest generation technologies including SCSI, Fiber Channel and IP (Ethernet), the Interphase line of PowerSAN™ Fiber Channel HBAs and SlotOptimizer™ Storage Networking Adapters solve problems for IT managers responsible for heterogeneous storage environments.

3.   **PERFORMANCE TECHNOLOGIES (www.pt.com):**

PTI is a leading supplier of packet-based Telecommunications and networking products [CompactPCI® packet- switching backplane] that enable convergence of wireline, wireless and next-generation Internet Protocol networks. The company designs and develops a wide variety of technology solutions that include carrier-grade signaling gateways, Ethernet switching, IPnexus™ product family and network access products – all targeted towards specific opportunities in the exploding Internet-driven marketplace. For nearly two decades, it has offered comprehensive range of high performance, high availability communication access solutions - both hardware and software -- for telecom equipment manufacturers, integrators & service providers.

4.   **TEWS TECHNOLOGIES : (www.tews.com)**

is a privately held company with more than 25 years of experience designing & building turn-key, embedded interface solutions. The company provides OEM and large government customers with an industry leading range and depth of internal expertise, including complete engineering and manufacturing services as well as software support for leading real time operating systems Daten Technik is a channel partner for Motorola computer Group. It offers various Digital and analog I/O Cards / PMC Modules, Field Bus Cards, Communication cards for MCG's Compact PCI & VME systems. Device drivers for VxWorks, OS-9, Psos & Win NT/CE are also supplied.

COMPLETE DEVELOPMENT SOLUTION FOR 8051 (ALL MAKES) :

1. **METALINK INC : (www.metaice.com)**
Our solutions enable cost-effective delivery of products such as In-circuit Emulator for 8051, 8751/52, 89c51/52 series DIP 40, Ice MASTER -SF Model 500 In-Circuit Emulator. The ice-MASTER-SF includes a full symbolic, source level debugger for Assemblers & Compilers. Metalink is committed to quality, reliability, and customer service. Metalink works with multiple production foundries, all of which adhere to its rigid quality standards, ensuring continuity and reliability of supply. Metalink's high standards of quality, performance and reliability, have been recognized with ISO 9002 certification.

2. **MICROTIME COMPUTER INC : (www.microtime.com.tw)**
Very powerful and cost effective In-circuit Emulators WINICE 8051/52, WINICE 80196 KC/KD, WINICE 80196 MC/MC, WINKIT 80196 KC, WINICE 320C25, WINICE PIC16/17, MICROPET 15C5X, LC16 PIC Trainer.
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COMPLETE DEVELOPMENT SOLUTION FOR TI DSPs:

3. **SPECTRUM DIGITAL INC:**
Designs, develops and markets design tools for digital signal processors and high performance MicroControllers. These products include scan path emulators, debuggers, evaluation modules, and application specific hardware. The company targets high-growth, large-volume markets requiring specialized technology to develop end applications. It **p**rovides hardware and software development tools for DSPs Evaluation module - EVM 320C203, EVM320F240; Emulator XDS510PP with 'C' source debugger, GO DSP code XDS510PP JTAG Scan path emulator pod, Code Composer using XDS510PP, Simulator for TMS320C2xx Compiler for TMS320C2xx using XDS510PP, EVM320C20x. TMS320C2xx'C' Compiler / Assembler / Linker.

www.spectrumdigital.com

COMPLETE DEVELOPMENT SOLUTION FOR X86 TARGETS (REAL MODE AN PROTECTED MODE 186/286/386/PENTIUM) :

4. **PARADIGM SYSTEMS :**
For over ten years, Paradigm Systems has set the standard for quality x86 embedded system software development tools. The embedded systems industry attracts a highly technical customer base that requires expert assistance and sophisticated tools. To support this need, the Paradigm line of development tools includes editors, locators, debuggers, compilers, assemblers, and version control. The Paradigm C++ Professional Integrated Development Environment (IDE) places all these development tools in one powerful work environment. Paradigm offers solutions for a variety of hardware configurations. The company works closely with several in-circuit emulator, ROM emulator, real-time OS, JTAG interface and target board vendors in order to customize products specifically for their applications. The Paradigm C++ Professional integrated development environment package is available for real mode, extended mode, or protected mode x86 embedded application development.

www.devtools.com

COMPLETE DEVELOPMENT SOLUTION FOR 68xxx,Power PC, MIPS, ARM etc.. :

5.   WINDRIVER SYSTEMS :

WindRiver remains the embedded industry's leading supplier of **Embedded Development Tools and products**. It offers Comprehensive families of standalone tools, including compilers, debuggers, project management software, and hardware and firmware reference designs for a wide range of processor architectures. WindRiver provides unprecedented expertise, drawing from a vast pool of resources to create targeted solutions for you. In today's "24/7" economy, companies are plagued by tight design cycles and extreme time-to-market pressures. Only Wind River can meet your requirements time after time, project after project. In fact, we are your comprehensive, one-stop source for optimized software and hardware products that include specific vertical market solutions and powerful standalone tools, as well as our renowned development platforms.

www.windriver.com

6.   AVOCET SYSTEMS:

From In-Circuit Emulators to BDM Background Debug Mode solutions, from C compilers, assemblers, and simulators to an RTOS solution for any processor, AVOCET build the professional tools you need, offer the customer service you hope for, and provide the technical service you expect. Avocet has become known as a pioneer in a wide range of embedded tools development, from macro assemblers and ANSI compilers, to simulators, power analysis tools, and AvSYS, a processor-independent real-time operating systems.

www.avocetsystems.com

ROYALTY FREE RTOS 'es FOR 8051, x86 Real and Protected Mode,68xxx,Power PC, MIPS, ARM,TI DSPs etc...

7. **CMX SYSTEMS:**

Small and fast real-time software, including real-time operating systems (RTOS), TCP/IP stacks and C compilers for embedded systems designers. CMX Company has focused on providing its customers with all of the tools needed to program their embedded applications. These applications range from automotive, medical equipment, consumer electronics, communications, to aerospace, manufacturing automation, and many other industries. The company's business is to develop and support real-time multi-tasking operating systems (OS's) for a wide variety of 8-, 16-, 32- and 64- bit microprocessors, DSP's and microcomputers.

CMX enhances its RTOS with an optional TCP/IP networking package and additional networking add-on components. CMX also develops and supports products that enhance the user's ability to create, test and debug application code. In addition to developing OSs and tools, CMX also distributes a variety of C tools including compilers, assemblers, linkers, librarians, simulators and ROM debuggers. The company's CMX-RTX Real-Time Multi-Tasking Operating System supports more then 25 Processor Families and more than 30 C-compiler vendors.

www.cmx.com