

**KMC**

**Kyoto Microcomputer Co., Ltd.**

**Advanced JTAG-ICE by *KMC***

# Company's Vision

Your best embedded solution partner.

No. 1 company in JTAG ICE for  
embedded systems.

Always with the most advanced technology.

Our aim is to develop unique, reliable and usable products especially in embedded development, not to be a mall of development tools. We are going to be a company coexisting with users, semiconductor manufacturers, and third party developers.

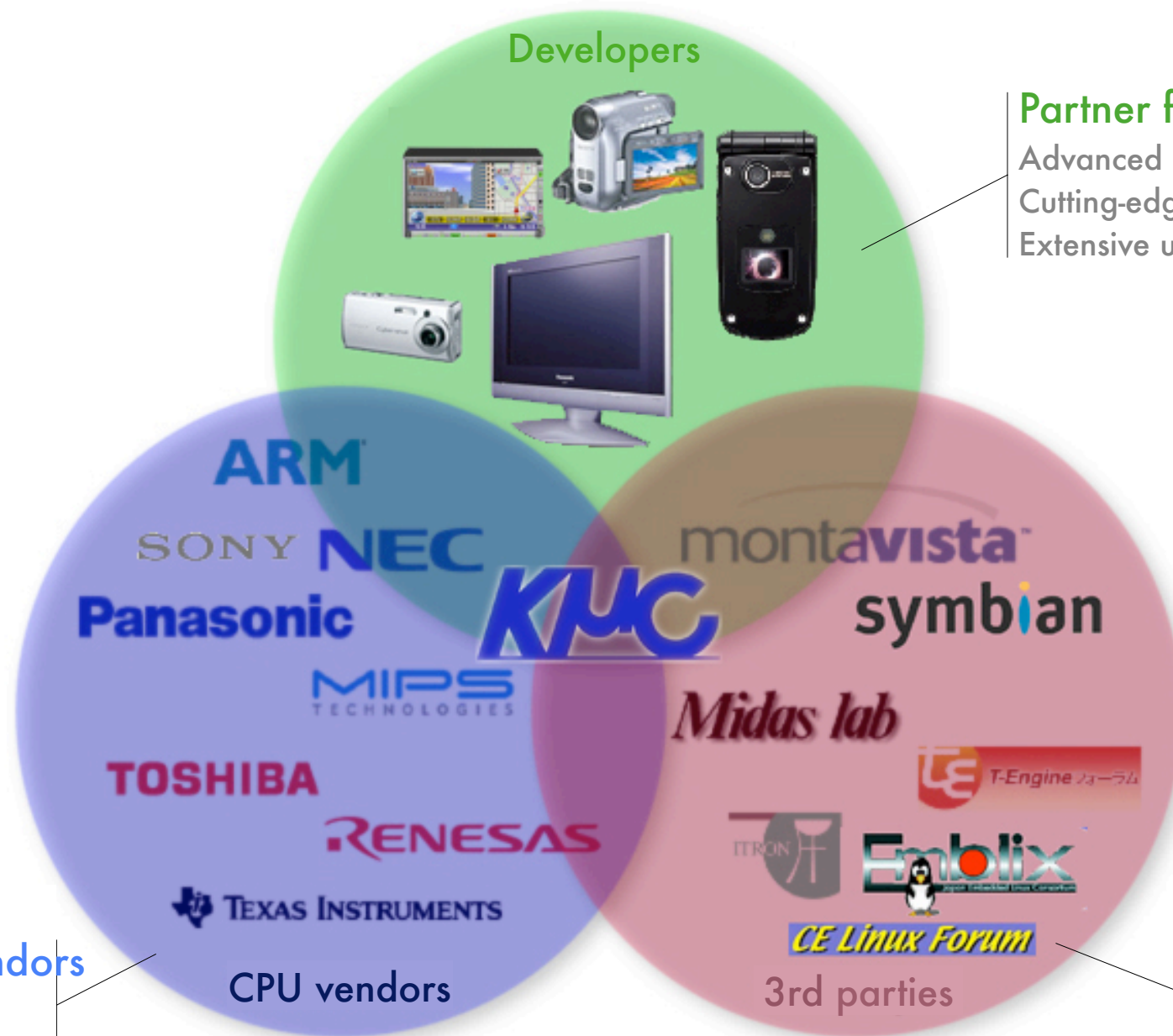
# Kyoto Microcomputer Co., Ltd.

- President and CEO: Syoichi Yamamoto
- Founded in 1985 (The 20th anniversary in 2005)
- Headquarters: Kyoto JAPAN
  - Tokyo branch
- URL: <http://www.kmckk.co.jp/eng/>
- E-mail: [en-info@kmckk.co.jp](mailto:en-info@kmckk.co.jp)
- Employees: 12 (Mar. 2005)
- Primary field: Development of embedded development tools including JTAG emulators.
- We have 20 years experience in development of debugging tools.

# Management Team

President and CEO	Syoichi Yamamoto	
Director of R&D and CTO	Isao Tsukagoe	
Director of Sales	Shigeru Morioka	
Director of Administration	Seiji Yamamoto	
G.M. of Tokyo Office	Kunihiko Tsuji	
Director of Strategic Marketing	Shoji Ueda	

# KMC's ecosystem



## Partner for Embedded developer

Advanced features at affordable price  
Cutting-edge technology  
Extensive user support

## Partnership with CPU vendors

Adopts new device technology  
Suggests new debug features

## Partnership with 3rd parties

KMC's debug technology and APIs  
Custom development environment

# History of our company 1985-1992

- Founded in 1985
  - PROASM-II General macro cross assembler
  - Turbo-V V30 accelerator card for NEC PC-98 series
- 1986
  - Turbo-V/180/Σ
  - **Turbo-180 64180 daughter CPU card for CP/M emulation and cross development**
- 1988
  - PARTNER v. 2.0 runs on NEC PC-98 series
  - PARTNER-T
  - Multi-CPU supported target debugger
- 1990
  - PARTNER v. 3.0 runs on MS-DOS
  - EXE386/286 DOS extender, software to extend MS-DOS memory space
- 1991
  - **Turbo-486 80486 CPU accelerator card for PC-98**
- 1992
  - **PARTNER-ET KMC's first ROM in-circuit emulator**

# History of our company 1995-1999

- 1995
  - PARTNER/Win Source level debugger software on Windows 95
  - **exeGCC GNU C (GCC) compiler for RISC CPU embedded system development**
- 1996
  - **PARTNER-N64 Development Environment for NINTENDO N64**
  - Evaluation boards for V821 and SH1
- 1997
  - **PARTNER-ET II KMC's 3rd generation ROM in-circuit emulator**
  - Evaluation boards for SH3 and VR4300
- 1998
  - JTAG support for PARTNER-ET II
  - **JTAG emulator PARTNER-J**
  - Evaluation boards for M32R/MN103/V832/SH4/SH3DSP
- 1999
  - Development Starter Kit for SH4 and V832 All in one development environment
  - Support C++ for primary KMC products

# History of our company 2000-2005

- 2000
  - **Moved to new company building**
  - **Solution Platform for reducing development cycle**
- 2001
  - PARTNER-Tiny
  - Solution Platform for ARM7
- 2002
  - Solution Platform for VR4131 / ARM9 / SH4R
- 2003
  - **Opened Tokyo branch**
  - **Super high-speed JTAG ICE PARTNER-Jet**
  - Solution Platform for V850E
- 2004
  - JTAG ICE PARTNER-JetM supported ROM emulation memory unit
  - PARTNER-eLinux Embedded Linux debugging environment
    - Panasonic Mobile used PARTNER-eLinux to develop FOMA P901i cellular phone for NTT DoCoMo
- 2005
  - Eclipse for PARTNER DevKit (TBA)
    - Eclipse and PARTNER operate together



# KMC's Primary Products

NEW



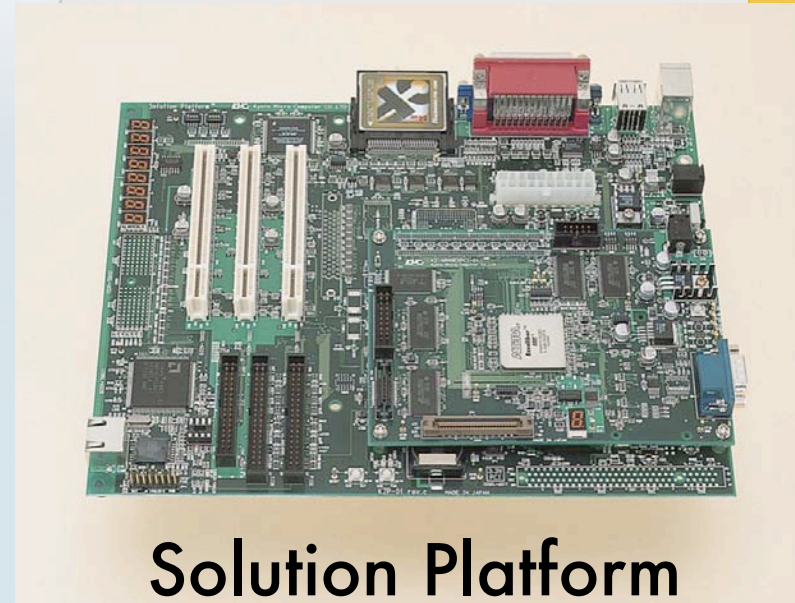
ARM 7→9→11  
One JTAG ICE fits all

*Debug Innovation*

JTAG ICE with ROM emulation memory unit

**PARTNER-*JetM***

- ▶ PARTNER-JetM / ARM
- ▶ PARTNER-JetM / MIPS
- ▶ PARTNER-JetM / SH
- ▶ PARTNER-JetM / V850
- ▶ PARTNER-JetM / MN103



**Solution Platform**

exe **GCC**

NEW



Super high-speed JTAG ICE

**PARTNER-*Jet***

Innovative JTAG TARGET DEBUGGER

- ▶ PARTNER-Jet / ARM
- ▶ PARTNER-Jet / MIPS
- ▶ PARTNER-Jet / SH
- ▶ PARTNER-Jet / V850
- ▶ PARTNER-Jet / MN103

# Future Challenge

Development tools for  
Embedded Systems

Aim No.1 in the world

Thank you!