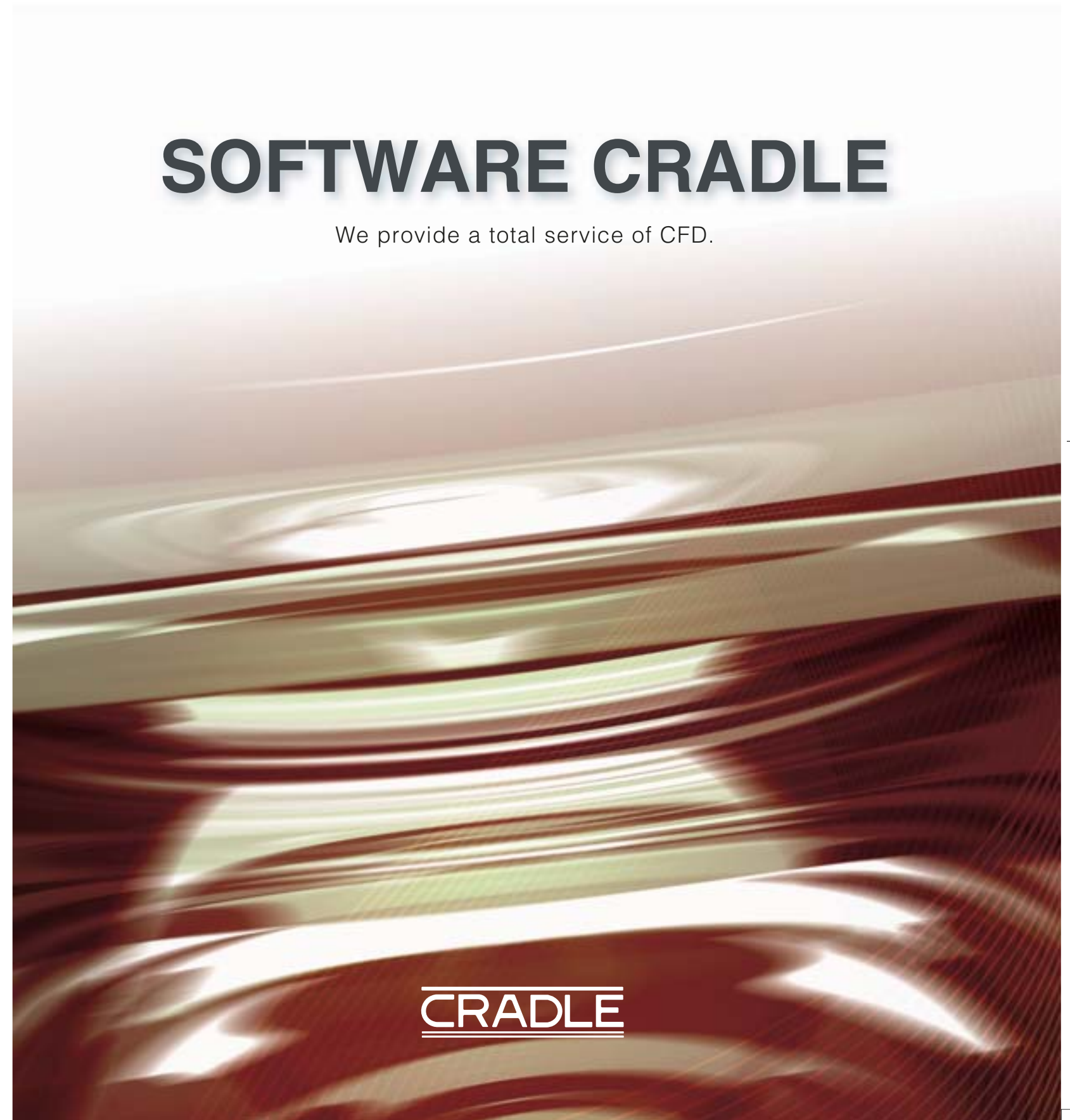


CRADLE Cradle North America Inc.

493 Joshi Research Center, 3640 Colonel Glenn Hwy., Dayton, OH 45435    PHONE:+1-937-775-5202    FAX:+1-937-775-5204

<http://www.cradle-cfd.com/>

[2009.10]



# SOFTWARE CRADLE

We provide a total service of CFD.

CRADLE

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## Greeting

**Cradle is committed to providing engineering software to industries where speed is essential.**

Both the times and the market are changing drastically. The market has been turned upside down, practically over night, as the global economy resizes and society adjusts. I believe our company and the products we offer must emphasize "flexibility" and "technology" to our customers in the product design community.

Established in 1984, Software Cradle has been dedicated to developing practical CFD software that shortens product design lead time while enabling higher product quality and performance. Software Cradle, one of the few Japanese scientific software developers, has grown with its experiences, technology, and knowledgeable staff. We are now extending our business worldwide. Our goal is to make our 25 years of scientific computing expertise available to more product design engineers. In turn, these engineers will be empowered to design and produce products that increase the vitality of society. We are committed to developing software and providing new, valuable, and unique capabilities.

Software Cradle Co., Ltd.

President 駒田 一郎



## Business



We provide the most suitable solution for each customer

- Development of various simulation software
- Development and sales of CFD software
- Consultation
  - Customizing a product
  - Creating a user-defined function
  - Creating mesh for simulation
  - Simulation service
- Training
  - Various CFD training from introductory level to advanced level
  - Technical support
  - Seminars

## Products

● For engineers in construction, architects, civil, electronics and electrical appliances industry

Structured mesh (Cartesian and cylindrical coordinates)

**STREAM**

Windows and Linux

For electronics cooling

**HEAT Designer**

Windows

● For engineers in automotive, machinery, turbo-machinery, aerospace, power plants, and chemical industry

Unstructured Mesh (Tetrahedron, pentahedron and hexahedron)

**SC/Tetra**

Windows and Linux

For fluid dynamic bearing

**Fluid Bearing Designer**

Windows

● For engineers who wants to utilize CAD data for CFD

CAD-CFD data translator

**CADthru**

Windows

## Outline

- **Company Name** Software Cradle Co., Ltd.  
http://www.cradle-cfd.com/
- **Location** Mainichi Intecio 3-4-5, Umeda, Kita-ku  
Osaka 530-0001 Japan  
Phone: +81-6-6343-5641 FAX: +81-6-6343-5580  
Tokyo Office: 1-6-3 Higashi-gotanda, Shinagawa-ku,  
Tokyo 141-0022, Japan  
Phone: +81-3-5793-3411 FAX: +81-3-5793-7530
- **Established** 22nd March, 1984
- **Capital** ¥20,000,000
- **President** Ichiro Komada
- **Main Banks** Resona Bank, Limited., Shin-osaka ekimae branch  
The Bank of Tokyo-Mitsubishi UFJ, Ltd.,  
Shin-osaka ekimae branch  
Resona Bank, Limited., Gotanda branch  
Sumitomo Mitsui Banking Corporation, Gotanda branch  
Mizuho Bank, Ltd. Dojima branch
- **Products** STREAM (Thermal-fluid analysis program utilizing Cartesian mesh)  
SC/Tetra (Thermal-fluid analysis program utilizing unstructured-mesh)  
HEAT Designer (Thermal-fluid analysis program specialized for electronics cooling)  
Fluid Bearing Designer (Thermal-fluid analysis program specialized for fluid bearings)  
CADthru (CAD data cleaner and translator)

## History

- 1984.3 Established as a Limited Company Software Cradle.
- 1984.3 Started sales of STREAM.
- 1985.7 Opened Tokyo office.
- 1985.11 Reorganized into Software Cradle Co., Ltd.
- 1987.3 Started sales of SCRYU.
- 1987.5 Headquarters relocated to Nishinakajima, Yodogawa-ku, Osaka
- 1990.6 Published "Turbulence Models and Their Application in Hydraulics" as a memento of the sales of STREAM exceeded 100 copies.
- 1991.4 The 1st User's Conference (Has been held annually since then)
- 1995.6 Headquarters relocated to Shin-Osaka Prime Tower.
- 1997.2 Started sales of STREAM for Windows
- 1998.6 Started sales of Heat Designer
- 1998.9 Started sales of SC/Tetra for Windows
- 1999.6 Started sales of SCRYU for Windows
- 2001.9 Started sales of SC/Tetra (English version of SCRYU/Tetra)
- 2002.3 Received "JSME Kansai Technical Award"
- 2002.8 Started sales of CADthru
- 2003.3 Tokyo office expanded and relocated
- 2003.4 Cumulative sales of STREAM exceeded 1000 copies.
- 2005.10 Awarded by METI for contribution to the development of information systems
- 2007.4 Tokyo office expanded and relocated
- 2007.8 Headquarters relocated to Mainichi Intecio in
- 2008.3 Cumulative sales of SC/Tetra exceeded 1000 copies.
- 2008.6 Established subsidiary company "Cradle North America Inc." in Dayton, OH, USA

## Main users

- AISIN SEIKI CO., LTD.
- Asahi Kasei Corporation
- Canon Inc.
- Daihatsu Motor Co., Ltd.
- DENSO CORPORATION
- Hokkaido University
- KANSAI ELECTRIC POWER CO. INC.
- Kawasaki Heavy Industries, Ltd.
- Kobe University
- Kubota Corporation
- Kyoto University
- Kyushu University
- Mitsubishi Heavy Industries, Ltd.
- Mitsubishi Electric Corporation
- Nagoya University
- Nikken Sekkei Ltd.
- NEC Corporation
- OBAYASHI CORPORATION
- Osaka University
- Panasonic Corporation
- SANYO Electric Co., Ltd.
- Sekisui House, Ltd.
- Sharp Corporation
- Shinryo Corporation
- Sony Corporation
- Sumitomo Electric Industries, Ltd.
- Taisei Corporation
- Takasago Thermal Engineering Co., Ltd.
- The University of Tokyo
- Tohoku Electric Power Co., Inc.
- Tokyo Gas Co., Ltd.
- TOSHIBA Corporation
- TOTO LTD.
- Toyota Motor Corporation
- Toyota Industries Corporation
- Yamaha Motor Co., Ltd.

## Subsidiary company

- **Cradle North America Inc.** 493 Joshi Research Center, 3640 Colonel Glenn Hwy., Dayton, OH 45435  
Phone (937)775-5202 FAX (937)775-5204

## Business Partners

- **Japan** KRI, Inc  
RYOSEN ENGINEERS Co., Ltd.  
Kyoto Research Park, 134, Chudoji Minami-machi, Shimogyo-ku, Kyoto 600-8813, Japan  
6-4-31, Minami-kannon, Nishi-ku, Hiroshima-shi, Hiroshima 733-0035, Japan
- **Worldwide** CEDIC Co., Ltd. (KOREA) #1202 ACE HIGH-END TOWER3, 371-50,  
Gasam-Dong, Kumcheon-Gu, Seoul, Korea, 153-803  
Upwind Technology Inc. (U.S.A.) 6660 Cobb Drive, Sterling Heights, MI 48312, USA  
Cool-Tec Co. (U.S.A.) 6520 Scotgrove Drive, Rancho Palos Verdes, CA 90275, USA  
Shanghai Shen Mo Computer System Integration Co., Ltd. (CHINA) 1954 Huashan Road, Shanghai, 200030 China  
FLUOREM (FRANCE) Centre scientifique Auguste Moroux 64 Chemin des Mouilles 69134 Ecully Cedex, FRANCE  
Imperial College, London (U.K.) Prince Consort Road, London SW7 2BY, UK  
Wright State University (U.S.A) 3640 Colonel Glenn Highway, Dayton, OH 45435 USA