About Software Cradle

Software Cradle Co., Ltd. is an innovative provider of computational fluid dynamics (CFD) simulation software. Established in 1984, the company has pursued to offer unique, innovation focused, and highly reliable CFD solutions that enhance customers' product quality and creativity. In 2016, the company joined MSC Software Corporation (headquartered in Newport Beach California, US), the worldwide leader in the field of multidiscipline simulation. As a truly global company, Software Cradle delivers all-inclusive multi-physics solutions.

For more information about MSC Software Corporation, please visit:
- MSC Software Corporation: http://www.mscsoftware.com

Head Office (Osaka)

Tokyo Office

Outline

Company Name	Software Cradle Co., Ltd.
Established	March 22, 1984
Number of Employees	107 (as of May 11, 2018)
President and CEO	Masayuki Kuba
Locations	Osaka, Tokyo and Nagoya (Japan)
Businesses	• Various types of scientific computing software development • Thermo-fluid analysis software (CFD software) development and services • Training (regular seminars and workshops) • Analysis services, Engineering services, Customization services
Our Main Clients (alphabetical order)	Canon Inc., Carnegie Mellon University, Caterpillar Inc., CSBC Corporation, Daihatsu Motor Co., Ltd., DENSO Corporation, École Centrale de Lyon, FAW Group Corporation, Ford Motor Company, Honda R&D Co., Ltd., Hyundai Motor Company, Kawasaki Heavy Industries, Ltd., L&T Construction Equipment Ltd., LG Electronics Inc., Mahindra Two Wheelers Ltd., Malaysian Agricultural Research and Development Institute Massachusetts Institute of Technology, Mitsubishi Electric Corporation, National University of Singapore, Nikon Corporation, Panasonic Corporation, Samsung Electronics Co., Ltd., Sharp Corporation, Toshiba Corporation, Toyota Motor Corporation, Valeo Systemes Thermiques SAS, Yamaha Motor Co., Ltd.

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Cradle
MSC Software Company

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Web: www.cradle-cfd.com

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• Nagoya Office
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Phone: +81 52 589 8649

Cradle
MSC Software Company

Corporate Brochure

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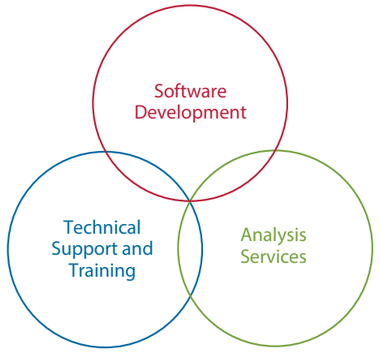
Software Cradle Co., Ltd.

Software Cradle Works as a Pioneer in the CFD Field

Software has become indispensable in modern society.
Software Cradle began its history in 1984 as a thermo-fluid simulation software company in Japan. Since then, we have been dedicated to providing consistent, customer focused services. These services include CFD software development, sales, technical support, and regular seminars. We also offer special services as dictated by customer needs including individual development services, analysis services, and special workshops.



- 1984 Limited company Software Cradle established
  Released scSTREAM
- 1985 Tokyo office established
  Organization changed into Software Cradle Co., Ltd
- 1987 Released SCRYU and Atrac
  Head office relocated to Yodogawa-ku, Osaka
- 1997 Released scSTREAM for Windows
- 1998 Released HeatDesigner
  Released SC/Tetra for Windows(for Japan)
- 2001 Released SC/Tetra for Windows overseas
- 2002 Released CADthru
  SC/Tetra and HeatDesigner received "Technical Award from the Japan Society of Mechanical Engineers Kansai Branch"
- 2005 Cumulative sales of scSTREAM exceeded 1000 copies
  Awarded by METI* for contribution to the development of information systems
  * Ministry of Economy, Trade and Industry
- 2007 Tokyo sales office promoted to Tokyo branch office
  Headquarters relocated to Kita-ku, Osaka
- 2008 Cradle North America Inc. established
- 2010 Tokyo office relocated to Gate City Ohsaki
- 2011 Applied Thermal Fluid Analysis Center, established in Taipei, Taiwan
- 2013 ContraVolts InfoTech Pvt. Ltd. in India established
  Cradle North America Inc. France Office established
- 2015 Released PICLS
- 2016 Released scFLOW
  Software Cradle joins MSC Software Corporation
- 2018 Established Nagoya office

President Message

We are committed to “decision making” and “problem solving” for the engineers of every industry through development of unique thermal fluid analysis software

Since founded in 1984, Software Cradle has continued to develop industry's most reliable, accurate, and efficient scientific computing software. Throughout the time, we have sincerely faced customers' challenges, and provided functions, speed, memory efficiency, usability, and various other upgrades they required. We consider our software as the products of thorough marketing and constant technical advancement.

Manufacturers currently face fierce global competition. Our software must be produced more quickly and efficiently to help them strive.

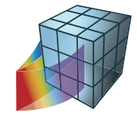
We, Software Cradle, will continue to develop software with functions and features never proposed by others before and provide swift solutions to our customers' needs.

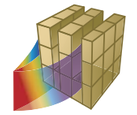
Masayuki Kuba
President and CEO
Software Cradle Co., Ltd.

Main Products and Services

Main Thermo-fluid Analysis Software Products

Software Cradle develops, sells, and provides supports for the general-purpose 3D thermo-fluid analysis systems with two types of mesh gridding method: The software scSTREAM and HeatDesigner with structured mesh, and the software SC/Tetra and scFLOW with unstructured mesh, as the mainline products. The company also provides PICLS, a thermal simulation tool for printed circuit boards with simple 2D operations and real-time temperature distribution results online, and scPOST, Cradle Postprocessor that visualizes analysis results calculated in solver.


scSTREAM


HeatDesigner


scFLOW


SC/Tetra


PICLS


scPOST

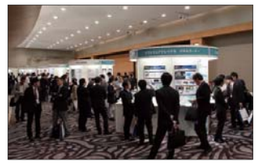
Technical Support Services

- **Regular seminars and introductory lectures**

Various kinds of training courses

Software Cradle regularly holds software training seminars designed to meet the level of software proficiency needed by our customers.

- **User conference and technical seminar**



Events and seminars for our customers

Software Cradle provides technical and development information seminars and new-feature seminars helpful for the daily work of our customers. In addition, Cradle holds annual user conference for information exchanges among our customers.

- **Technical support**

Prompt technical support by professional engineers

Software Cradle provides essential support including technical assistance and software updates. FAQ is available on Users Page on our website. Our engineers are always available to answer customer questions promptly and accurately.

Analysis Services

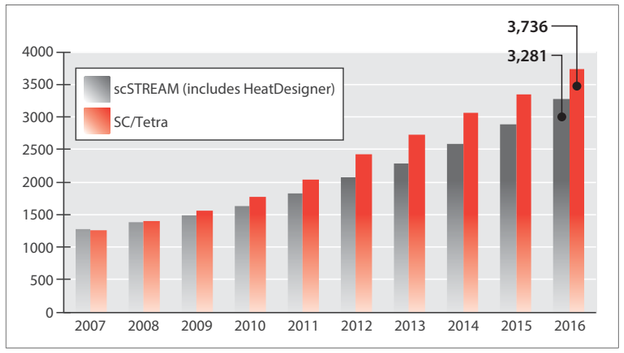
- **Analysis services**

Our staffs with specialized expertise to simulations calculates your problems

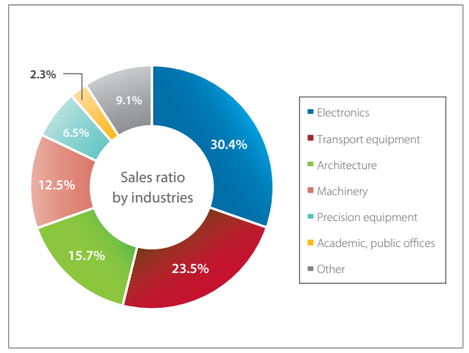
Our staff can provide complete simulation analysis services for customers who prefer not to purchase the software, who don't possess the necessary expertise, or who are short of resources.

Accumulated Sales of Our Thermo-fluid Analysis Software

Software Cradle has been dedicated to CFD software development for over 30 years. We have cultivated a diverse range of case studies, experience, technology, and human resources and have advanced to the point where our products are capable of satisfying user needs across the globe. The accumulated trust and sales results demonstrate that Software Cradle products play vital roles in various fields of manufacturing today.



▲ Changes in the cumulative sales (end of March 2007 – end of March 2017)



▲ Sales ratio by industries (fiscal year 2017)