About FASOTEC
Company Profile

- **Company Name**: FASOTEC Co., Ltd.
- **Location**: Makuhari Techno Garden B-21F, 1-3 Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501, JAPAN
- **Date founded**: June 1, 1983
- **Capital**: 2.6M US$ (100% owned by FASOTEC Holdings)
- **President & CEO**: Junichi Takeuchi
- **Business**: Sales and Engineering Services for CAD/CAM/CAE/PDM Systems
  Medical Engineering Service by 3D Printer Technology
- **Employees**: 137 (as of April 2014)
- **Offices**: Shizuoka, Utsunomiya
- **Subsidiaries**: Godo Solution Inc.
  FASOTEC Jiangda Co., Ltd. (HQ: Shanghai / offices: Guanzhou, Tianxing, CHINA)
- **Allied company**: Heiwa Sangyo Co., Ltd.
- **Business partners**: Dassault Systems, IBM, DCS, FTI, Stratasys Japan
FASOTEC celebrated its 30th anniversary in 2013. Originally we started in 1983 with machining engineers with 3D technology who launched venture business in the field of 3D CAD/CAM. Thanks to IBM and Dassault Systems, we were able to grow by CATIA systems sales and delivering support services.

Today, our greatest asset is engineering service capability which contributes to better QCD performance from design to production stages. We are dedicated to the success of our client’s business utilizing our excellent performance of IT (PLM) skills and engineering insight. We are now aggressively expanding our service to oversea sites with our alliance partners.

In 2003, we commenced polyjet type 3D printer business with Objet (current Stratasys), and since then have delivered services to many high profiled clients. Distinguished medical institutes manifested interest in our technology and currently support our patent Bio-texture model technology. Medical engineering service is expected to be new innovation, providing safer training methodology and systems in the new field of robot surgery.

We are always prepared to be your premier partner in adding new value to your business. Please feel free to contact us with any problems you may have; we firmly believe we have the right solution that best fits your needs.

Message from President

President
Junichi Takeuchi
Our Vision:

“To be Professionals in supporting our customer’s business globally with our optimum digital technology.”

FASOTEC: Technical skills and know-how from Machining experts

1983

Corporate History and Business Partners

5-axis NC data created by APT
## Customers

### Automotive
- HONDA
- TOYOTA
- NISSAN
- Mitsubishi Motors

### Machinery
- AMADA
- Ikegami Mold Engineering
- Kato Works
- Futaba Corporation
- Nippon Miniature Bearing

### Electronics & Consumer Goods
- SONY
- ICHIKO INDUSTRIES,LTD.
- Mitsubishi Heavy Industries
- Kawasaki Heavy Industries
- Fuji Heavy Industries
- JAMCO

### Auto Parts
- Hitachi Automotive
- Koito Manufacturing
- Musashi Seimitsu Industry
- NHK Spring
- NSK
- SANKO GOSEI
- Yazaki Corporation

### Aerospace
- Mitsubishi Heavy Industries
- Kawasaki Heavy Industries
- Fuji Heavy Industries
- JAMCO

### Medical Institutes
- Kobe University
- National Cancer Center Hospital
- Chiba University
- Teikyo University
- The Jikei University
- Yamato Hospital

(random order)
Business Portfolio

CAD/CAM/CAE/PDM Sales & Support (48%)

- 3D CAD/CAM/CAE engineering service
- System development for saving time required for design (based on CAA)
- Virtual factory simulation (DELMIA)
- Variation Analysis for global quality standard (3DCS)
- Building structures supporting PLM data distribution and utilization (PDM)
- Control system process management (Rational)

PLM Engineering Service (48%)

- Contract service to support general operation of PLM tools in automotive companies
- CAD/CAM/CAE operation & helpdesk outsourcing
- Design data management
- Automotive Power Plant design (Modeling to CAE)
- Systems design
- Harness design
- Control system development support

Medical Engineering (4%)

- RP systems realizing high accuracy and realistic texture/feels for medical surgery navigation

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Digital Engineering solution

◆ CATIA

◆ CAE

Quality, Safety, Visualization

◆ Simulation of manufacturing operation: DELMIA

Numerical control
“Global QMS (Quality Management System)” is a new business concept launched by FASOTEC in 2011, with the aim of establishing a business style with strong global perspective. Today, more and more globalized companies are facing difficulties in managing quality such as perceived and process quality utilizing local material and plant (human) capability. In such cases, we need to coordinate our services and solutions that best fits their needs at their offshore sites. Global QMS is a methodology to comprehend our customer’s needs globally and provide them with the most suitable solution.
FASOTEC Group and Partner Companies

- Since its establishment, FASOTEC, specialized in the field of “Monozukuri”, has supported our customers by utilizing our optimum digital technologies.
- With sensitivity to changes in the business environment of manufacturing industry and with our optimum digital technologies, all FASOTEC group companies continue to strive in supporting our customers as valued partners.

### Godo Solution
- Software development for small and medium-sized enterprises, with over 10,000 users

Godo Solution has developed CAD/CAM software (NAZKA Pro series) over the years to respond to needs and expectations of more than 10,000 users, including mold industry which has underpinned manufacturing industry in Japan.

Focused on the future of digital design, Godo Solution, as a software developer, has always been challenging to develop new and innovative software to support its users in Japan.

http://www.godo.co.jp/en/about/

### FASOTEC Jiangda
- Global PLM support in China

The mission of FASOTEC Jiangda is to provide Japanese affiliated manufacturers in China with optimum digital technology in order to contribute to their customers’ “monozukuri.”

Utilizing FASOTEC’s know-how, FASOTEC Jiangda firmly supports Japan-based manufacturers so they are capable of making a great leap forward in their businesses as global factories in China.

HQ: Shanghai
Offices: Guangzhou & Tianxing

### Digital Core Service
- System integration service for CAD/CAE in design process

Digital Core Service is a company 100% owned by FASOTEC Holdings. From April 2015, the company provide service by strong capability of system development and consulting of design process. Especially 3D design template development with process streamlining consulting enable powerful design process automation. Engineers understand 3D data format of CAD,CAE and propose productive operation process with user friendly interface. Through over 30 years development experience in Numerical Control machine post processor and over 15 years CAA service for CATIA user , FASOTEC has great asset for process integration. DigiCore succeed such asset and skilled talent. And it deliver high quality service for client.

### Partner:Stratasys Japan
- 3D printer technology

Stratasys and Objet were merged in December 2013. FASOTEC and Objet have 7-year-partnership and launched Joint Venture (49% of FASOTEC) prior to this deal. This was the strong foundation of 3D printer and solution leadership in Japan. Stratasys acquired 49% Stratasys Japan equity as of October 2013.

Today, FASOTEC is a close service partner with Stratasys especially in medical domain. And re-started distributor business with Marubeni.
For more details, please visit: Biotexture.com
Group Company: Godo Solution Inc.

- Godo Solution has software solutions such as smart device application used for calculating NC data, and 2.5-axis CAD/CAM software (NAZCA series), both available at extremely reasonable prices.

- Focused on the concept for developing products with high operability and user-friendliness since its establishment, Godo Solution’s software are favored by over 10,000 users in Japan.

- Godo Solution’s unique solutions include calculation utilizing smart devices, data transfer and communication from machine-to-machine, and ability to operate machines from smart devices. Please visit [http://www.godo.co.jp/en/about/](http://www.godo.co.jp/en/about/)
The mission of FASOTEC Jiangda (joint venture of FASOTEC and Jiangda) is to provide Japanese firms in China with optimum PLM system solutions and services. With over 10 years of business operation background in China, FASOTEC Jiangda utilizes FASOTEC’s know-how to support Japanese manufacturers so they are capable of making a great leap forward in their business in China. (Jiangda is the biggest PLM VAR of Dassault Systemes in China) FASOTEC Jangda is Authorized Dassault systemes Value Solution Reseller.
## Company Profile of FASOTEC JIANGDA Co., Ltd.

<table>
<thead>
<tr>
<th><strong>Name</strong></th>
<th>FASOTEC JIANGDA Co. Ltd.</th>
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<tbody>
<tr>
<td><strong>Established</strong></td>
<td>August, 2004</td>
</tr>
<tr>
<td><strong>Office at</strong></td>
<td>Shanghai, Tianjin, Guangzho</td>
</tr>
<tr>
<td><strong>Employee</strong></td>
<td>40</td>
</tr>
<tr>
<td><strong>Shareholders</strong></td>
<td>Joint Venture among FASOTEC Co., Ltd, Beijing Jiangda, Technology Development Co., Ltd, Shanghai Jiangda Technology Development Co., Ltd and Itsushi Kurono</td>
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<tr>
<td><strong>Share Capital</strong></td>
<td>600,000 US D</td>
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<td><strong>Mission</strong></td>
<td>Contribution to Product Design, Engineering activity of manufacturers in China</td>
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<tr>
<td><strong>Function</strong></td>
<td>Provide Software/Hardware system integration, installation, maintenance assist. Provide Engineering Service.</td>
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<tr>
<td><strong>PLM product</strong></td>
<td>CATIA, DELMIA, Dynavista, CATStamp (FTI)</td>
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<tr>
<td><strong>Other Business</strong></td>
<td>Data Loss Prevention Solution, Data Encryption System</td>
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**General Manager**

Itsushi Kurono,  
kurono@fasotec-jiangda.com,  +86-13816120811

Heiwa Sangyo offers various sizes of 5-axis machining centers, suitable for all customers. As professionals in the field of mechanical processing, Heiwa Sangyo’s technology is greatly valued in high technology industries such as aerospace and nuclear industries. Heiwa Sangyo also provides 3D measuring machines with utmost accuracy. With the capability of responding to every processing need from general metal to difficult-to-cut materials, Heiwa Sangyo has certified process skills and production facilities to fabricate aerospace parts which is generally known as one of the most difficult parts to fabricate. Together with FASOTEC, Heiwa Sangyo continuously challenge in research and development for new technologies in mechanical processing. In September 2011, Heiwa Sangyo established a new cutting-edge factory exclusively for mass production of Boeing 787 in Nagano Prefecture.
Our new business challenge in medical field
Our new business : Medical Engineering services

- Innovate product development by providing client with optimum ‘digital’ and ‘analog’ environment in the field of medical technology.

Steps to produce Bio-Textured models

1. Extract raw data
2. 2D to ‘living’ 3D (surface rendering)
3. Modify and customize data
4. Bring ‘Digital’ to ‘Actual’
5. Post Processing
6. Delivery to Customers
Example, Over 250 3D organ models were used in surgery room.
Individual 3D organ model for accurate navigation of cancer remove surgery
Concurrent surgery training by simulator and ultra-realistic 3D organ model

AFP broadcasted movie ‘3D printed organs offer ultra-realistic practice models’, FASOTEC engineer had interview by AFP in this news. Mar. 2015

https://www.youtube.com/watch?v=JMc4X9JxrII
Contact us at…

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