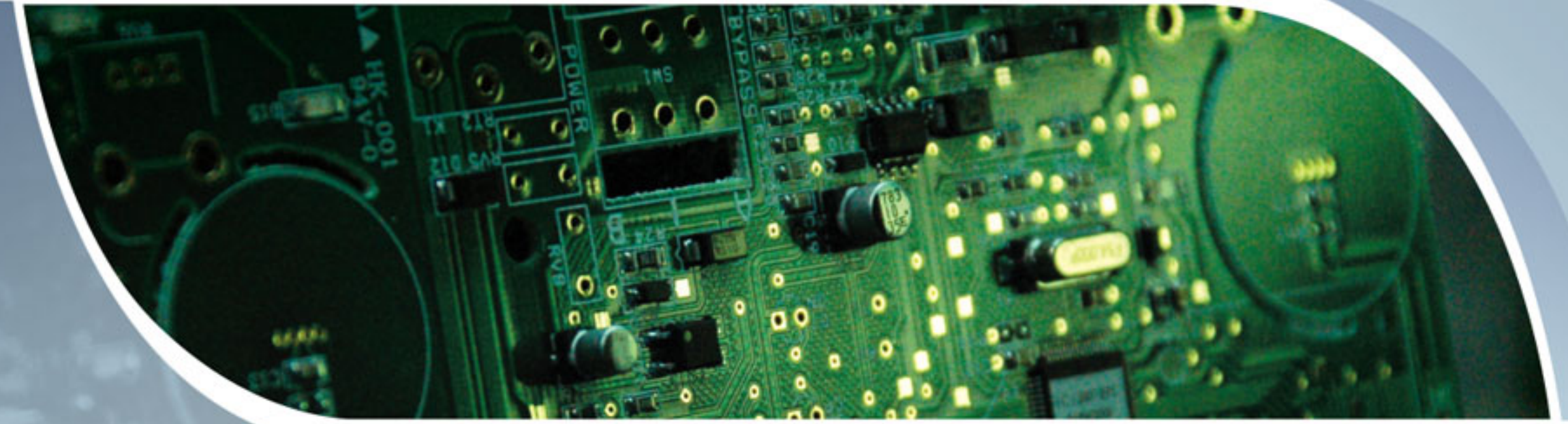




Hong Mei Factory

The Defond Group Electro-Mechanical Modules (EMM) Division



Hong Kong . France , Germany , Italy . Japan . USA

<http://www.grpdfond.com>

Tel: (852) 2897 5603

Fax: (852) 2889 7792

Email: info@grpdfond.com



Copyright © 2011 Defond Group, all rights reserved.



Introduction:

Founded in 1978, the Defond group has developed into a leading supplier of electro-mechanical modules and switches. Defond possesses a unique combination of electronic, electrical, mechanical and software expertise.

Highly vertically integrated our facilities in China include:

- **Advanced CNC tool-shops**
- **Plastic injection molding**
- **Metal stamping**
- **Electro-plating**
- **UL certified laboratory**
- **Surface mount and through hole electronic assembly workshops**

Defond is committed to being a total solution provider of precision electro-mechanical modules. We pride ourselves on taking customers from the concept or initial design stages through to manufacturing - delivering outstanding product quality, short turn-around times and competitive pricing.

To better support our customers, we have established a worldwide network of sales and distribution offices.

Mission:

- T**urn customer concepts into world-class products.
- E**fficient cost control.
- A**ll-round, comprehensive project management.
- M**anufacture quality product.



Total Solution:



Testing

- Functional Test
- In-circuit Test (ICT)
- Reliability Test
- System Test
- Standard Compliance Test (UL Approved Lab.)

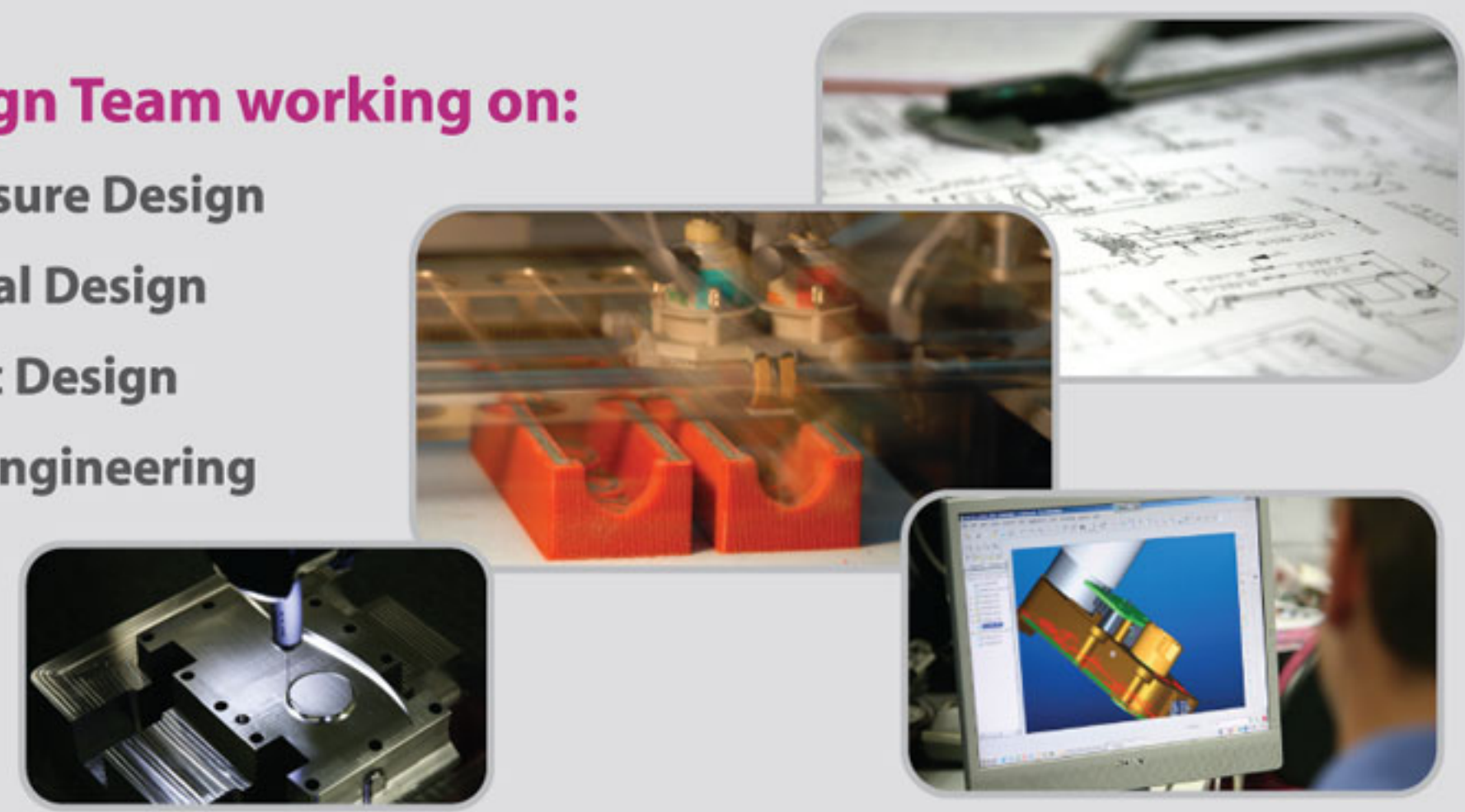
Design:

Having integrated both engineering and manufacturing services means that not only are our engineers designing robust products, but also designing with an intimate understanding of our manufacturing processes and strengths.

While our engineers are capable of working with most standard CAD/CAM software, our platforms of choice are Pro-Engineer for mechanical drafting and Eagle for electronics. Additionally, an in-house team of software engineers is available to support the design process with special purpose software tools.

Dedicated Design Team working on:

- Mechanical Enclosure Design
- Electro-Mechanical Design
- Control Electronic Design
- Value-added Re-engineering



Development:

Our broad range of technical and professional capabilities coupled with the innovative and flexible manner in which we apply them, have established us as one of the leading EMS (Electronic Manufacturing Service) providers.

Defond is dedicated to continuously improving our processes in order to help our customers launch their products into the market as efficiently and effectively as possible. Our high level of vertical integration ensures that design changes can be rapidly implemented at any stage of the development cycle.

Dedicated Project Team working on:

- Time Management
- Risk Management
- Cost Management
- Scope Management
- Quality Management
- Procurement Management



Manufacturing

Defond possesses over 15 years of electro-mechanical module contract manufacturing experience. Streamlined manufacturing processes, continuous improvement programs and quality products are the hallmarks of production in Defond and part of our commitment to our Partners.

- Plastic Injection Molding
- Metal Stamping
- Electronic Assembly
- PCB Assembly
- E & M Assembly
- RoHS Compliance



Quality System / Environmental Protected Policy

Our quality control group is involved at all stages of the development and production process ensuring the quality of our product range. From FMEAs through to statistical process controls and quality plans, it is their job to make sure that the whole company is focused on protecting Defond's reputation for quality. Team of specialist have been setup to monitor design validation, incoming materials (including vendor selection), sample builds, pilot runs and mass production.

At Defond, we are committed to minimizing our impact on the environment and this is one of our stated continuous improvement priorities.

We have been producing lead free products since 1998 and the majority of our products are now **RoHS (Restriction of Hazardous Substances)** compliant.

We are certified:
ISO9001, ISO13485, TS16949, ISO14001, FDA Registered and Member of IPC.



Value Added Services

Apart from simply offering a low-cost manufacturing service, our group also offers value-added services including: sourcing, design (mechanical, electronic, software, tooling), qualification testing, test equipment specification and/or construction and automated assembly equipment.

The depth and breadth of experience at Defond enables us to support the design and manufacture of a vast range of technologies, volumes and price points.



Solutions we offered but not limited to.....



Environmental Protection & Energy Conservation

To commit environment-friendliness, Defond has developed a green-technology strategy focused around energy saving technologies and renewable energy applications. The Smart Grid and LED project are just the beginning of what we see as an extremely important and exciting area.

Marine Electronics

Defond is committed to providing the marine industry with robust products that deliver years of trouble free service in the harsh marine environment. Over the years we have built a reputation not just for the quality of our product but also for our ability to blend innovation, appealing aesthetics and reliability with ease of use.



Healthcare / Personal Care

Over the last 7 years we have invested heavily to ensure that not only have we obtained ISO13485 certification, but also that our staff have the appropriate mindset and tools to meet the requirements of both the standard and our medical device customers. Our current product range includes both Class I and Class II medical devices.



Safety & Security

Defond is an ideal partner for security applications. With in-house mechanical capabilities, machine vision experience and an experienced team of both PC and embedded software specialists, and you'll understand why we believe we're well equipped to continue playing a leading role in the development of the next generation of security devices.



Wireless communications

Defond is currently actively working on projects using Zigbee, Bluetooth and a variety of application specific protocols including our patented unidirectional communication protocol.



Additional Expertise

Besides the above solutions, Defond also offers other appliance controls, industrial controls manufacturing and other customized OEM and ODM based projects.