Singapore’s Manufacturing Services

Delivering world class manufacturing services to Latin America
Singapore is the top country in Asia for IP rights protection* and one of the most innovative countries in Asia. Singapore is also one of the most research-intensive countries in the world, with the Singapore government committing S$16.1 billion in research and development between 2011 – 2015.

Singapore’s strong push for R&D is supported by top-notch research institutes such as the Agency of Science Technology and Research (A*STAR), research facilities housed in universities and tertiary institutes around the island, as well as partnerships with over 30 research institutions and medical centres worldwide.

Singapore manufacturing companies have benefitted from this supportive business ecosystem and are known worldwide as some of the best global manufacturing players, with a relentless drive for R&D and innovative capabilities in sectors such as aerospace, automotive and medical technology.

Singapore companies, at the forefront of innovation and technology, have expertise across the entire manufacturing value chain:

- **Pre-Manufacturing Services**
  a. Product conceptualisation & design
  b. Prototyping
  c. Product development

- **Manufacturing Services**
  a. Discrete manufacturing services like casting, tooling, injection moulding, machining, stamping, fabrication, PCB
  b. Manufacturing services like automation, testing and inspection, packaging

- **Post Manufacturing Services**
  a. Assembly
  b. Coating
  c. Sterilisation

* Singapore has retained its ranking as top in Asia and second in the world for intellectual property rights protection, according to the World Economic Forum’s Global Competitiveness Report 2014-2015.
Why partner Singapore?
Singapore companies are internationally recognised for their commitment to ensuring quality, competitiveness, timeliness, reliability and high standards.

DID YOU KNOW?

Sharing Singapore’s capabilities with Latin America
Singapore companies are well-equipped to provide solutions for the Latin American markets especially in the following areas:

- Pre-manufacturing services: Design and Prototyping
- Discrete manufacturing services: Casting, Tooling, Injection Moulding, Machining, Metal Stamping, Printed Circuit Board (PCB)
- Manufacturing services: Automation
- Post manufacturing services: Coating, Sterilisation and Surface Treatment

AEROSPACE
Singapore companies can provide solutions across the aerospace value chain including:
- Casting, Tooling, Precision Machining
- Heat & Surface Treatment
- PCB, PCBA, Cable Harness
- Equipment Build, OEM

AUTOMOTIVE
Singapore companies have experience supplying high quality aesthetic interior and exterior parts and safety critical components. Their capabilities include:
- Plastics Solutions
- Metal Fabrication
- Elastomers Production

MEDICAL TECHNOLOGY
Singapore companies catering to the medical technology industry provide engineering capabilities such as:
- Prototyping
- Re-engineering
- Contract manufacturing

01 QUALITY
With a highly-skilled and qualified labour force, Singapore manufacturing companies have expertise across the entire value chain. The R&D infrastructure in Singapore also enables companies to innovate and ensure efficiency in the manufacturing process.

02 COMPETITIVENESS
Singapore manufacturing companies are able to serve global clients at a competitive price as they leverage the relatively low-cost manufacturing facilities in neighbouring Asian countries such as Indonesia, Malaysia and China, to manufacture products of international quality and high standards.

03 TIMELINESS
Singapore manufacturers have established a strong regional foothold, with more than 760 offices in Asia, and more than 1,000 subsidiaries and marketing offices globally. With such a strong global and regional network, they are able to meet the needs of original equipment manufacturers (OEMs) in a timely manner. Latin American companies can partner Singapore companies to tap on their regional network to penetrate the Chinese and Southeast Asian markets.

04 RELIABILITY & HIGH STANDARDS
Singapore Electronics and Precision Engineering companies are able to cater to sectors such as aerospace, automotive and medical technology. These companies also adhere strictly to international manufacturing standards such as ISO 13485 and TS16149. Due to Singapore’s strong emphasis on IP rights, Singapore companies are renowned for being reliable partners even when working with multiple clients in the same industry.
Singapore companies ready to serve Latin America

ADVANCED INTEGRATED MANUFACTURING CORP. LTD (AIM)
www.aimcorp.com.sg
Electronics Manufacturing Services (EMS) provider

Manufacturing capabilities
• Discrete manufacturing services:
  PCBA, precision machining

Manufacturing facilities
Singapore, Indonesia, Malaysia, Thailand and UK

Clients
PerkinElmer, Honeywell, Ultra Electronics
Communications & Integrated Systems

DOUYEE INTERNATIONAL
www.douyeetech.com
Total industrial solutions provider

Manufacturing capabilities
• Discrete manufacturing services:
  Specialise in metal, ceramic and engineering plastics injection moulding

Manufacturing facilities
Singapore, China, Indonesia and Malaysia

Clients
Seagate, Texas Instruments, Toshiba

ADVANCED MATERIALS TECHNOLOGIES PTE LTD (AMT)
www.amt-mat.com
Precision manufacturer for metals and ceramic parts

Manufacturing capabilities
• Discrete manufacturing services:
  Powder injection moulding, metal injection moulding, precision machining of materials

Manufacturing facilities
Singapore and China

ESCOT GLOBAL
www.escoglobal.com
Provider of laboratory, medical and pharmaceutical equipment solutions

Manufacturing capabilities
• Discrete manufacturing services:
  CNC-controlled sheet metal fabrication and welding; Packaging fabrication

Manufacturing facilities
Singapore, with R&D conducted worldwide spanning Asia, Europe and US

Clients
Fertility Clinic Trianglen

APPLIED TOTAL CONTROL TREATMENT PTE LTD (ATC)
www.atc-treatment.com
Surface treatment and metal finishing services provider

Manufacturing capabilities
• Post-manufacturing services:
  Electroplating, plating, conversion coating; Coating (powder coating, spray painting)

Manufacturing facilities
Singapore and Malaysia

FAGERDALA GLOBAL PACKAGING GROUP
www.fagerdala.com.sg
Protective packaging solutions provider

Manufacturing capabilities
• Pre-manufacturing services:
  Design and re-engineered solutions

• Discrete manufacturing services:
  polyethylene foam fabrication

• Manufacturing services:
  Vertically integrated production systems; automation

Manufacturing facilities
Singapore, China, Malaysia, Mexico, Thailand and US

Clients
Jabil

DID YOU KNOW?
AIM is a qualified EMS provider to the aerospace-avionics industry.
INTERPLEX HOLDINGS LTD

**www.interplex.com**
Provider of advanced application development and manufacturing solutions for complex precision mechanical and electro-mechanical components and assemblies

**Manufacturing capabilities**
- **Pre-manufacturing services:**
  - Product design; prototyping; process development
- **Manufacturing services:**
  - Tool and mould making; precision metal stamping; plastic and rubber moulding; progressive cold forging; mechanical joining/ laser welding
- **Post-manufacturing services:**
  - Mechanical; manual assembly and testing

**Manufacturing facilities**
More than 40 manufacturing plants in Singapore and across regions such as Asia (China, India, Malaysia, Thailand, Vietnam), Europe (Czech Republic, France, Germany, Hungary, UK) and North America (Mexico, US)

**Clients**
Tesla Motors

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JEP PRECISION ENGINEERING

**www.jep-holdings.com**
Engineering and manufacturing services provider for aircraft engine components

**Manufacturing capabilities**
- **Pre-manufacturing services:**
  - Product design; computer-aided design (CAD)
- **Discrete manufacturing services:**
  - Precision machining; computer numerical control (CNC) machining
- **Manufacturing services:**
  - Computer-aided manufacturing (CAM); manufacturing of engine components such as aircraft Inconel engine rings and casings, titanium aero structure components

**Manufacturing facilities**
Singapore

**Clients**
Pratt and Whitney

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PCI LTD

**www.pciltd.com**
Electronics manufacturing services provider

**Manufacturing capabilities**
- **Discrete manufacturing services:**
  - Design and manufacturer of user interface and embedded systems, printed circuit board manufacturing (PCBA)
- **Post-manufacturing services:**
  - Assembly

**Manufacturing facilities**
Singapore, China and Indonesia
DID YOU KNOW?
Since it set up its first manufacturing facility in Mexico in 2001, Sunningdale Tech has further expanded its presence in Latin America with a new manufacturing facility in Brazil in 2014. The company now commands 10% of the world’s market share in automotive infotainment bezels.

SUNNINGDALE TECH LTD
www.sdaletech.com
Plastics manufacturer

Manufacturing capabilities
• Discrete manufacturing services: Plastic injection moulding including rapid heat cool moulding; multi-shot moulding
• Post-manufacturing services: Precision assembly

Manufacturing facilities
Singapore, Brazil, China, India, Indonesia, Latvia, Malaysia, Mexico and Thailand

Clients
Baxter Health Care

SAKURATECH
www.sakuratech.com.sg
Manufacturing services provider

Manufacturing capabilities
• Pre-manufacturing services: Product design, prototyping
• Discrete manufacturing services: Tools and dies, fabrication, precision moulding for gears and engineering parts, injection moulding
• Post-manufacturing services: Sub-assembly
• Manufacturing facilities: Singapore, Brazil, China, Indonesia, Malaysia and Thailand

SINGAPORE AEROSPACE MANUFACTURING (SAM)
www.sam.sg
Aerospace manufacturing services provider

Manufacturing capabilities
• Pre-manufacturing services: Design and development
• Discrete manufacturing services: Precision machining of engine components such as engine mounts, engine cases, airfoils
• Manufacturing services: Laboratory work for testing and research

Manufacturing facilities
Singapore, China, Europe, Malaysia and Thailand

Clients
Airbus and Boeing

RIM POLYMERS INDUSTRIES
en.rimpolymers.com
Manufacturer of polyurethane machines and plants

Manufacturing capabilities
• Manufacturing services: producing high quality polyurethane machines and plants for automotive and other applications

Manufacturing facilities
R&D and manufacturing plants in Singapore and Shenyang, China

Clients
Audi, BMW, Ford, Mercedes-Benz, Nissan, Volvo
RACER TECHNOLOGY
www.racer.com.sg
Medical device manufacturer

Manufacturing capabilities
- Pre-manufacturing services:
  Industrial/ mechanical design and prototyping
- Discrete manufacturing:
  Precision cleanroom moulding
- Post-manufacturing:
  Assembly

Manufacturing facilities
Singapore, China and Indonesia

Clients
Boston Scientific, Medtronic, PerkinElmer, Vision Science

International Enterprise Singapore

International Enterprise (IE) Singapore is the government agency driving Singapore’s external economy. We spearhead the overseas growth of Singapore-based companies and promote international trade.

With our global network in over 35 locations spanning many emerging markets, we connect businesses with relevant Singapore-based companies for their business expansion. Renowned worldwide for their dedication to quality and innovation, Singapore-based companies make ideal business partners.

We also position Singapore as a base for foreign businesses to expand into Asia in partnership with Singapore-based companies. Singapore’s unique advantages of strategic location, stable government, competitive workforce and pro-business environment make it an ideal launch pad to the region.

In the Americas, we are present in 4 locations, namely Los Angeles and New York in US, Mexico City in Mexico and São Paulo in Brazil.

Visit www.iesingapore.com for more information.
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Abu Dhabi
Accra
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Beijing
Chengdu
Chennai
Chongqing
Dalian
Doha
Dubai
Frankfurt
Guangzhou
Hanoi
Ho Chi Minh City
Istanbul
Jakarta
Jeddah
Johannesburg
Kuala Lumpur
London
Los Angeles
Manila
Mexico City
Moscow
Mumbai
New Delhi
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Qingdao
Riyadh
São Paulo
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Taipei
Tokyo
Wuhan
Xi’an
Yangon