



**Improving Healthcare through  
Developing Electronics**

## Technology Advancement in Healthcare Excellence

Fabrinet UK with its UK and EN13485 certified offshore design and manufacturing partners hold extensive experience in supporting emerging healthcare and global OEM's throughout Europe, South East Asia and the USA



From rapid prototyping and proof of concept utilising our state of the art **On Demand** facility to product realisation and design stability through our UK manufacturing centre of excellence, Fabrinet UK are strategically and technically well placed to support complex and challenging electronic systems in such applications as;

- Patient Monitoring
  - Hearing Aid Analysis
  - Muscular Pain Relief
  - Infusion
  - Imaging
  - Infection Control
- and **Operating Theatre Tables**



We understand the quality requirements associated within the **healthcare** sector and therefore operate full traceability from component to delivery. With qualification being critical and continuity of supply, Fabrinet UK's team of sourcing experts continually review BoM's (bills of materials) ensuring early obsolescence is captured during the lifecycle of the product



## Working in Partnership to deliver Healthcare Electronics Solutions



Fabrinet UK and Team Precision are leading the way with design and electronics manufacturing services, offering an effective end-to-end capability for the design and manufacture of complex electronic systems to the **healthcare** market

Based in the UK and Thailand, Fabrinet UK provides the upfront professional design and manufacturing services to a wide range of clients from its initial concept through the NPI phase whilst Team support the successful UK transfer to medium and high volume requirements. This expertise and supply chain solution has enabled start-up organisations through to global multi-site blue chip OEMs to deliver critical projects on time and within budget managed by two of the leading CEM's from their respective locations

Our careful attention to design for manufacture and risk adverse supply chain solutions maximises the life cycle of your product and minimises early obsolescence, critical in a time pressured program

Providing Contract Electronic Manufacturing (CEM) to clients across the globe; this is based around six core competencies;

- Technical Reporting; providing pre and post design support to aid design, reduced costs and time to market
- Professional Services supporting key consultancy in PCB and mechanical design, supply chain, test development and project management
- Dedicated New Product Introduction (NPI) PCB Assembly in the UK ('On-Demand')
- Low-Medium Volume contract electronic manufacturing in the UK
- Med-High Volume Offshore PCB Assembly, serviced by our UK management team
- System Integration, box build and tested solutions

With **EN13485** approval for design, development and subcontract manufacture of active medical devices, we are strategically well placed to support your demands

**Contract Electronic Manufacturing Solutions**

*... Global Electronics, serviced locally*



## Solutions Management

Understanding the requirements at the early stages of each design and knowing when and where to build your product once signed off is essential. At Fabrinet UK having the 'On-Demand' service prior to best in class offshore manufacturing facilities is essential in ensuring the design is fit for volume and stable to transfer. All of this is managed by our own centre of excellence facility in the UK



### European HQ ~ Centre of Excellence

- On-Demand – time critical, technology and special projects
- High Mix Low to Medium Vol PCBA and Box Build Solutions



### Global Supply Chain - Bangkok, Thailand

- Over 40 professionals supporting quotations and material sourcing activities

### 5x Offshore Manufacturing Sites

Thailand - Bangkok, - 1m Sq. Ft. & Chonburi - 500k Sq. Ft

- High Volume PCB Manufacturing
- Advanced Optical Packaging
- Specialist Automotive Business Unit



China - Fuzhou, 'CASIX' - 230k Sq. Ft

- Custom Optics and Precision Glass Manufacturing

New Jersey - USA, 'Vitrocom' - 40k Sq. Ft

- Custom Optics and Precision Glass Manufacturing

Santa Clara - USA, 'FabrinetWest' - 75k Sq. Ft

- High Mix Low to Medium Vol PCBA
- Advanced Optical Packaging
- Box Build Tested Solutions

## Fabrinet UK, who are we?

### *...Delivering Global CEM Solution on a local footprint*

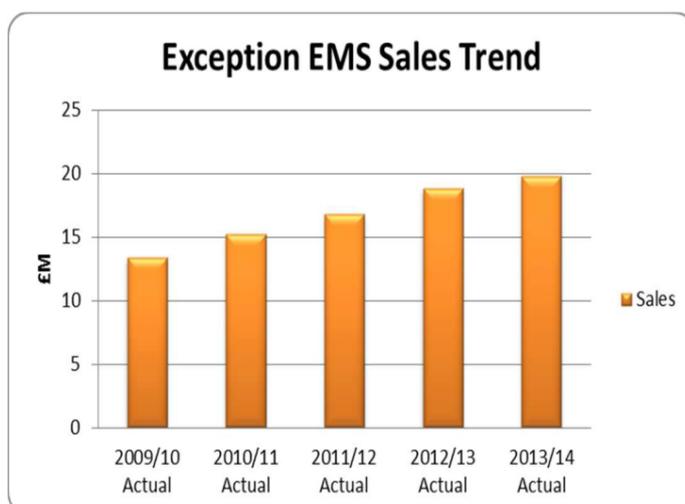
Based in the UK, with strategic partners in low cost regions, Fabrinet UK provides professional and accessible electronic design and manufacturing services to a wide range of clients from start-up through to global multi-site blue chip OEMs, and has particular in depth knowledge and broad experience in niche market sectors that require focus around reliability, traceability, ruggedisation and harsh environments

From PCB's to complete systems, Fabrinet UK offers expertise in the specification, design, NPI, assembly and test of complex printed circuit boards. Our careful attention to design for manufacture and risk adverse supply chain solutions maximises the life cycle of your product and minimises early obsolescence

Fabrinet UK's 200+ employees work across a single UK location supported by supply chain in Malaysia

Fabrinet UK alongside its strategic supply chain and manufacturing partners are approved to **BSEN 9100/AS9100**, **BSEN14001** and/or **ISO9001:2000** and control all aspects of the manufacturing process including component supply chain, supplier audit, manufacturing and logistics

Fabrinet UK are proud to announce over a 30 year pedigree in supporting such prestigious names associated with high reliability electronics within the Industrial, Oil and Gas, Renewable Energy, **Healthcare**, Networking and Broadcast, Semiconductor, F1 and Aerospace and Defence sectors



- Established 1977
- 100% privately owned
- Top 5 UK based CEM

**Delivering Global CEM solutions locally...**

## Comprehensive Design & Support Excellence

### *... Professional Services*

Our comprehensive range of first class design, support and manufacturing services is undertaken by OEM's and multiple Blue chip organisations world-wide

Our depth of skill and industry expertise enables us to quickly understand your business, providing honest and practical advice and solutions throughout the entire product life-cycle. This drives a reduction in design times and improves manufacturing efficiency

#### Offering Value Add to the Process

- Full product design via key partners
- Pre and Post Manufacture Technical Support providing:
  - DfM (Design for Manufacturing)
  - DfT (Design for Test)
  - DfV (Design for Volume)
  - Comprehensive Reporting for continuous improvements
- PCB Design (Schematic Capture and Layout)
- Mechanical Design
- New Product Introduction
- Dedicated Project Management
- IPC Training
- Test Development and Test hardware creation
- Supply Chain Auditing, Recommendations and monthly Market Watch Survey

**Altium**

**cādence<sup>®</sup>**

**3D  
SolidWorks**

**Mentor  
Graphics<sup>®</sup>**

Logo images courtesy of partners

## Interested?

Please do not hesitate to contact us for a free, no obligation quotation

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**We look forward to hearing from you**

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