PARPRO
Partners in Production

RAPID & COST EFFECTIVE SOLUTIONS
TAILORED TO SUIT YOUR REQUIREMENTS

THE EXPERTISE OF **ALL** OR **ONE**

≫ Early Stage Product Design & Engineering

- Product Development & Engineering (NPI)
- System Design
- Thermal Modeling
- Boards, Modules & Enclosures
- Circuit & Routing
- BIOS, OS and Drivers Support, Firmware Customization

- Design for Manufacturability (DFMA)
- Test Development and Design for Test
- Component Risk Mitigation & Obsolescence
- Value Analysis / Value Engineering
- Program Management / Product Life Cycle

≫ Contract Manufacturing Services (EMS)

- Full Turn-Key and Labor Only Manufacturing
- Subsystem Assembly & Integration
- Printed Circuit Board Assembly (PCBA)
- Lean Manufacturing Principles
- Cable & Wire Harness Assembly
- Sheet Metal & Precision Machining

- Powder Coating & Lamination
- Testing & Screening, Failure Analysis
- Local / Regional / Asian Supply Chain Management
- Low to High Production – Volume Scalability

≫ Aftermarket Solutions & End of Life Support (EOL)

- Warranty, Repair & Logistics Support
- Direct Fulfillment
- End-of-Life Material Management

CALIFORNIA (NA HQ)

2700 South Fairview Street
Santa Ana, CA 92704

+1 (714) 545-8886

PCBA / EMS / Integration / Assembly

CALIFORNIA

16745 W. Bernardo Drive
San Diego, CA 92127

+1 (858) 649-6086

Corporate Office

NEVADA

7685 Commercial Way, Suite E
Henderson, NV 89011

+1 (702) 331-2700

Mechanical Engineering / Sheet Metal / Integration / Assembly

MEXICO

Blvd. Francisco Zarco No. 6201
Col. San Antonio De Los Buenos
C.P. 22564
Tijuana, Baja California, México

+52 1 (664) 637-5602 (México)
+1 (619) 498-9004 (USA)

PCBA / Cable & Wire Harnesses / Metal Works / Integration / Assembly

TAIWAN

6F., No. 88, Sec. 6, Zhongshan N. Rd.,
Shilin Dist.,
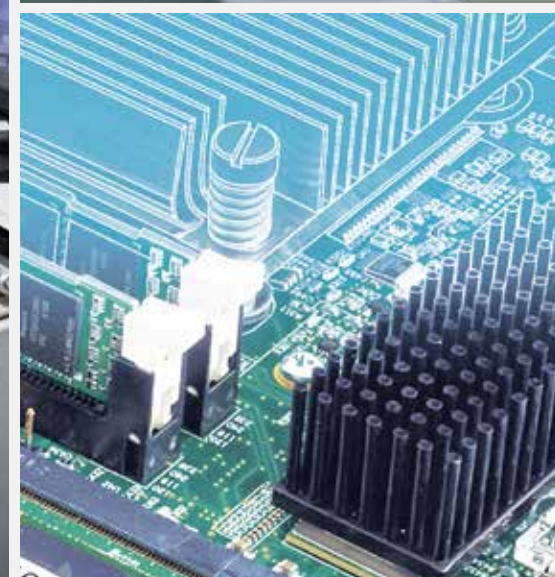Taipei City 11155

+866-3-452-5535

Corporate Headquarters
Asian Supply Chain

PARPRO
Partners in Production

MEDICAL
MEDICAL DEVICE COMPUTING PLATFORMS & SYSTEMS

ISO 13485:2016 CERTIFIED

Accredited Nadcap™ Electronics | Welding

ISO 13485:2016 CERTIFIED
ISO 9001:2015 CERTIFIED
ISO AS9100D CERTIFIED
ITAR
FEDERAL AVIATION ADMINISTRATION

IPC Certified IPC/WHMA-A-620 Application Specialist
IPC Certified IPC-A-610 Application Specialist
IPC Certified J-STD-001 Application Specialist
UL

MEDICAL

PARPRO for Medical provides experienced and reputable contract manufacturing services, delivering complex solutions to cutting-edge and innovative companies for variety of medical applications.

With decades of experience, PARPRO offers OEM's unique solutions that extend far beyond traditional manufacturing services. We excel in complex build to print manufacturing for medical applications, and have a proven track record of producing the most demanding medical devices with high regard to quality and cost optimization, ensuring they meet the exact customer and regulatory requirements. In short, PARPRO is

committed to the success of its customers, and pride ourselves on our vast medical device knowledge that brings more insight to our customers and makes us an integral part of their solutions success. Additionally, with our truly global manufacturing footprint, including two priority sites with ISO 13485:2016 certifications, PARPRO can leverage procurement, volume manufacturing, and distribution to the customers advantage.

SOLUTIONS TAILORED TO MEET YOUR NEEDS

BUILD TO PRINT
- Medical Devices for Class II and Class III

MANUFACTURE & ASSEMBLE
- Full Turnkey / Contract Manufacturing Services (EMS) in multiple locations

TEST & VALIDATE
- Reliability, Performance, Specifications and Compliance

ESSENTIAL TRACEABILITY
- For Production Efficiency, Warranty & Recall, Counterfeit & Unspecified Components, and Regulatory Compliance

EMBEDDED MEDICAL PLATFORMS & SYSTEMS
- Complete System Level Integration
- Electronic Assembly Services

PCB ASSEMBLY
- High Mix and Complex Printed Circuit Board Assembly

BOX BUILD ASSEMBLY & INTEGRATION
- Low to High Volume with Range of Product and Sub-Assembly Complexity

METAL FABRICATION
- Precision Sheet Metal Fabrication & Finishing

WIRE & CABLE
- Assembly
- Custom Connectors

PROJECT PROFILE EXAMPLE
SURGICAL INSTRUMENT STERILIZATION
- EMS Services for medical instrument sterilization chamber
- PCB Assembly and System Build
- Long-term medical customer, over 24 year relationship

≫ APPLICATIONS
- ‣ Therapy
- ‣ Clinical IT
- ‣ Sterilization
- ‣ POC Diagnostics
- ‣ Patient Monitoring
- ‣ Patient Data Management
- ‣ Mobile/Home Healthcare
- ‣ Computer-assisted Surgery

≫ VALUE-ADDED SERVICES
- ‣ Design for Manufacturability
- ‣ Rapid Prototyping
- ‣ Material Selection & Purchasing
- ‣ Manufacturing (EMS)
- ‣ Testing Services
- ‣ Process Validation
- ‣ Shipping & Logistics
- ‣ Program Management

≫ MEDICAL QUALITY CERTIFICATION
- ‣ ISO 13485:2016 certified
- ‣ 21 CFR 820 compliant

≫ WHY CHOOSE PARPRO?

GLOBAL ORGANIZATION
In business since 1991 with over 700 employees worldwide. Publicly listed on the Taiwan Stock Exchange since 2014 (4916:TT).

INDUSTRIES
Aerospace & Defense | Datacenter | Gaming | Industrial | Medical | Telecom | Transportation | Embedded Solutions & Platforms

ODM SOLUTIONS
One company through design, development and production, providing a faster more flexible, high quality solution resulting in cost optimization and margin stack reduction.

DESIGN & ENGINEERING
Leading-edge purpose-built US based hardware and firmware development for NPI, application specific and standard products.

MANUFACTURING SERVICES
State-of-the-art manufacturing solutions (EMS), specializing in production at all volume levels – either onshore, offshore or nearshore.

GLOBAL SUPPLY CHAIN
Low cost country or regional supply chain with North America based engineering and global integration, production, distribution, and fulfillment.