



 **NEMCO**
Concept to Production Electronics

CONCEPT TO PRODUCTION ELECTRONICS

Aerospace & Defence

Complete PCBA solutions, from prototyping and assembly to volume production and supply chain management.



Full-service CEM for aerospace & defence

Nemco already provide a specialist manufacturing service for many leading OEMs and suppliers in the aerospace and defence sector. Our flexible outsourcing service can provide a singular discipline through to a full-service offer, this can include advising on design for manufacture, μ BGA capable high speed SMT and manual PCBA assembly through to inspection, testing, conformal coating, wire looms and assembly. Our PCBA expertise and capabilities have made us the ideal partner for critical electronics and instrumentation, whether it's prototyping or volume manufacturing.

World-leading service and expertise

Throughout the production journey, our dedicated customer service team will ensure your expectations are managed through quality and traceable processes, with complete visibility through our Quality Management System (QMS).

We provide technical advice right from the start to ensure the correct materials and production techniques are used. Reassured quality and security through our EN 9100:2018 (AS9100), Rev D (ISO9001:2015), ISO14001:2015, ADS membership and Cyber Essential Plus.

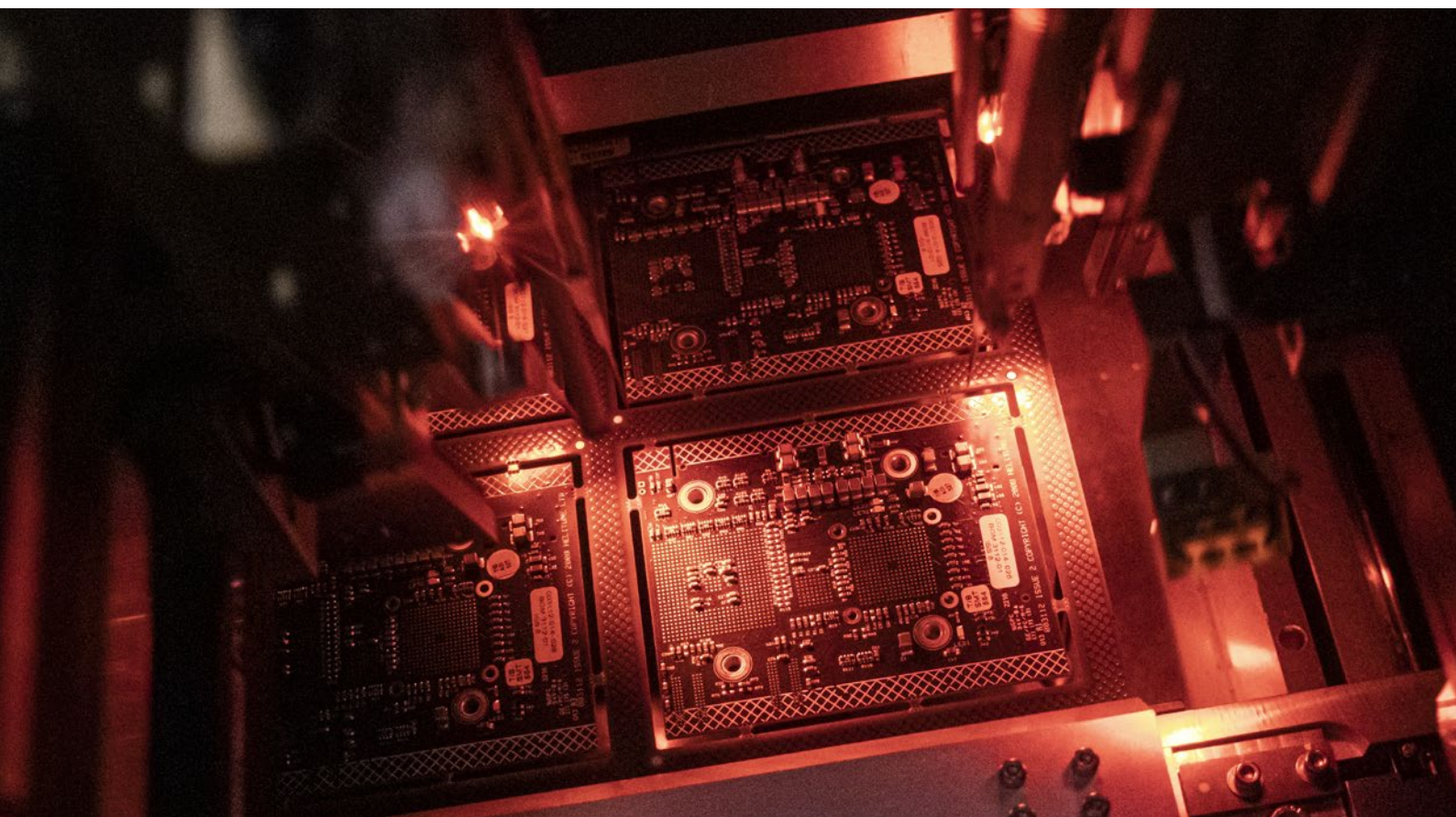
Testing taken to the next level

We take pride in everything we do, maintaining specifications through regular inspection and testing. Nemco offers highly advanced inspection and testing facilities on site, couple with our dedicated team, who are all cross-product trained and have a huge wealth of experience within the field of electronics test. Advanced in-house testing capabilities including RF, ionic contamination, and environmental stress screening ensure durability and performance of aerospace and defense electronics.

Continuous improvement in our class-leading quality

Nemco continuously invest in the latest technologies and training to maintain our class-leading status and ensure we deliver to the highest standards first time, every time. We also have the infrastructure and capability to accommodate ATEX. As aerospace and defence require durable and reliable electronics for critical applications, Nemco maintain a dedicated cleanroom for assembly and testing as well as electrically-insulative coating facilities.

To achieve consistent quality of manufacture, we have on site our own vastly experienced IPC certified instructors who conducts training and competence assessments for our manufacturing staff to IPC-A-610, IPC-A-620 and where required IPC-A-600. This ensures quality is inherent throughout the business.





Critical application capabilities

Cleanroom

Our Cleanroom measures 6Mx6M and operates under the BS EN ISO 14644-1:2015 cleanroom standard, it has a classification of ISO 7 which means that the air drawn into the room using HEPA (High Efficiency Particulate Air) filtration, provides a controlled environment for airborne particles and changes between 60 and 90 times per hour.

The cleanroom provides a production environment with controlled airborne contamination which is essential for a wide variety of electronic, optics and other critical manufacturing assemblies to ensure that sensitive products are not harmed during the manufacturing process.

Conformal coating

Conformal coatings are widely used in the electronics industry for environmental protection of PCBs from humidity, corrosive gases and solvents, dust, sand, and other contaminants.

At Nemco we have two purpose built, ventilated Conformal Coating rooms, one used for the application of Silicon material and the other for Acrylics. Each of these rooms contain their own spraying equipment machinery, tooling, and material storage.

Trusted by so many for PCBA

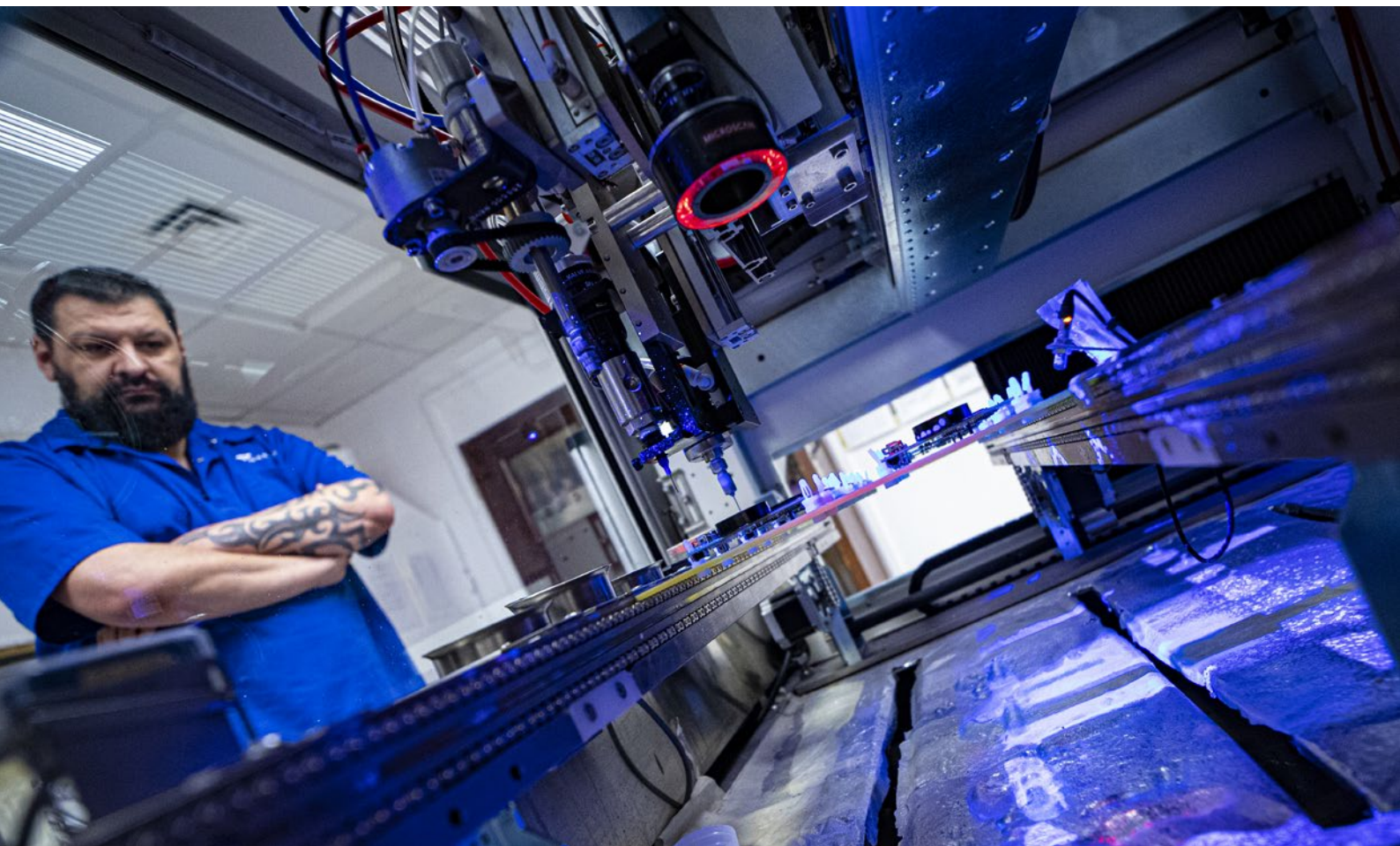
With a dedication to understanding our customers' unique needs, Nemco delivers exceptional service, quality, and on-time delivery. We aim to continually exceed expectations and serve as a valued outsourcing partner. That is how we have built up such a loyal customer base who trust Nemco to deliver for them.

For 40 years, companies have relied on Nemco's experience in aerospace and defense PCB manufacturing. Learn more about our capabilities and industry certifications. Contact us today to discuss your specific project needs.

Prototyping

Nemco provides full-service prototyping to help you evaluate design concepts, validate functionality, and accelerate time-to-market. Our experienced engineers can offer early involvement in your project to help us fully understand your requirements and design a product that exceeds expectations. We provide feedback on proposed designs and manufacturing processes to ensure the best possible solution is found.

Our prototyping capabilities span basic hand assembly to advanced BGA and odd-form component placement using the latest machine assembly. Test options are reviewed early on to implement efficient production testing.





Contract electronics solutions since 1985

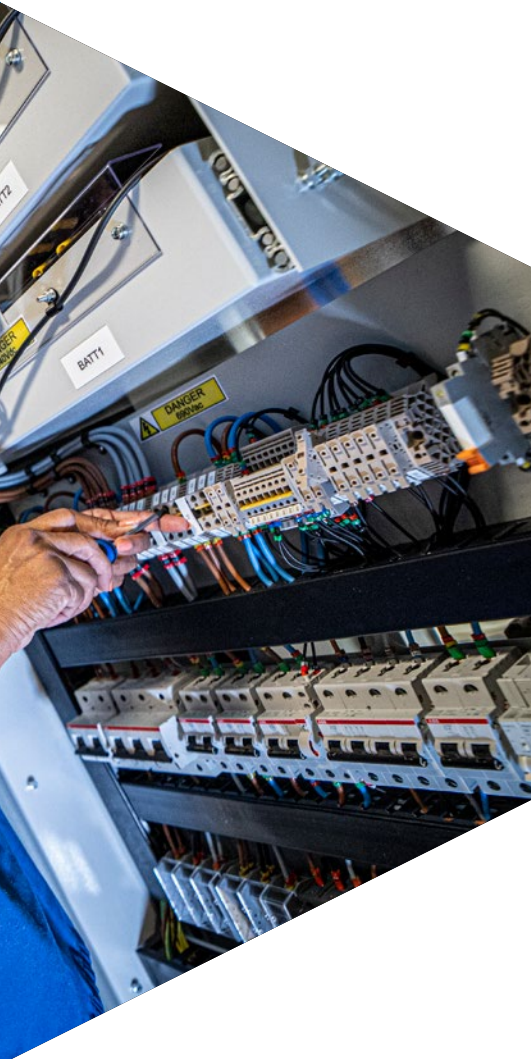
Nemco is a full-service Contract Electronics Manufacturer; our outsourcing service offers a seamless bridge between your orders and our production-line and supply chain management. We are trusted by many leading OEMs to support and manage their production, thereby reducing lead-times, increasing capabilities and most importantly, increasing profit and growth.

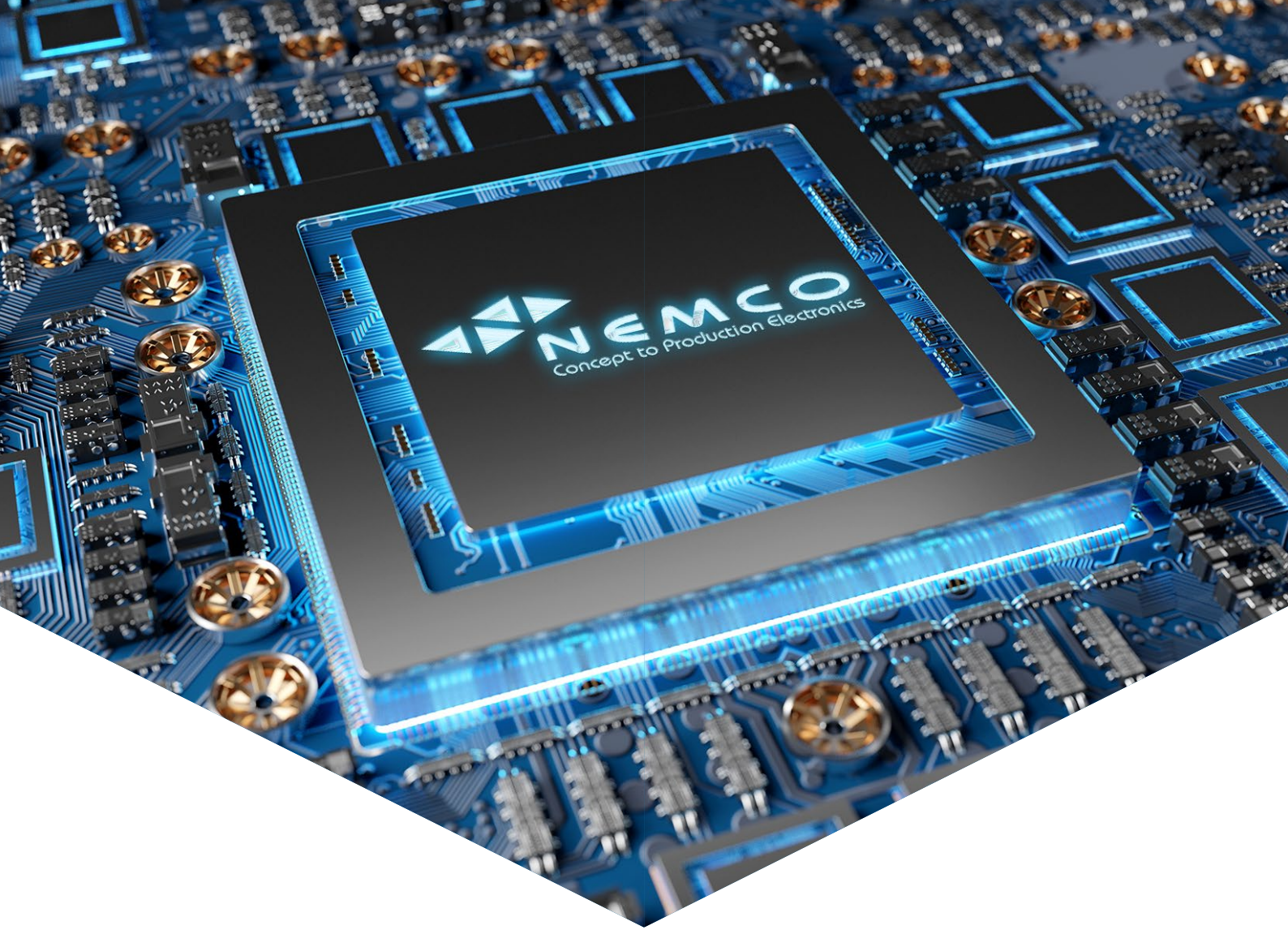
Extending your business with our expertise and capability is available through a simple flexible agreement to suit your customer demands. Outsourcing through Nemco negates any fixed overheads, recruitment requirements or investment.

"For 40 years, Nemco have established a reputation for quality, expertise, integrity and customer service. We continuously invest in our people and our capabilities to ensure we remain at the forefront of innovation and service long into the future."



Dave Pearce
MANAGING DIRECTOR





NEMCO

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