



 **NEMCO**
Concept to Production Electronics

CONCEPT TO PRODUCTION ELECTRONICS

Industrial & Instrumentation

Full-service PCB solutions, from prototyping and assembly to
volume production and supply chain management.



Full-service PCB solutions for industrial & instrumentation

Nemco has worked closely with industrial and instrumentation sectors who support critical industries such as Nuclear, Oil and Gas, Automotive and more. With Nemco at their side, these companies set themselves up for success thanks to outstanding products and support. Nemco supports the Industrial & Instrumentation sectors all the way from concept to production, with facilities that empower the success of major projects.

Invested in the instrumentation sector

With a diverse clientele spanning in the industrial and instrumentation sector, Nemco caters to various markets, including Nuclear, Oil and Gas production, Automotive, Electrical Power Distribution, Textiles, Water/Wastewater, and many more. Our valued customers can attest to the invaluable expertise of Nemco's dedicated team of experts, which boast extensive knowledge in these industries and a complete understanding of what is required to produce PCBs that can function in these environments.

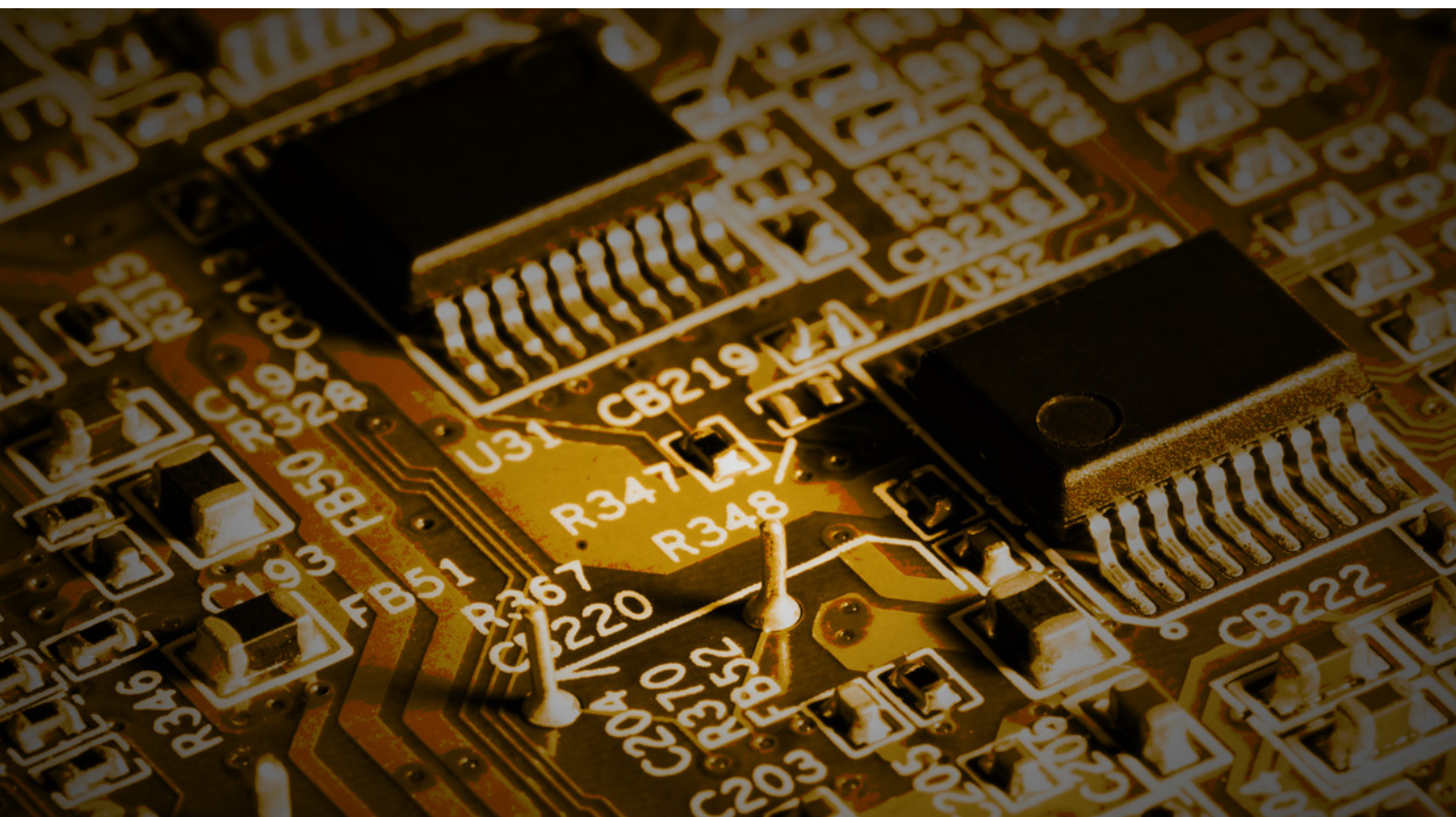
Key PCB considerations for the instrumentation sector include:

- Size and shape
- Layer configuration
- Signal integrity
- Component density
- EMI shielding
- Temperature and environmental conditions
- Testing and calibration

Customer service designed around your business

Nemco is committed to providing an outstanding level of service to enable its customers to excel in their fields, with a consistent record for on time delivery and excellent component quality. Nemco's record speaks for itself – we consistently deliver for our partners in the instrumentation sector, which why we are the business of choice for so many when it comes to PCB manufacturing.

We are ISO 9001, ISO 14001 and AS9100 certified, guaranteeing that we deliver quality time after time, while respecting our environmental commitments. The AS9100 certification enables our components to be used in aerospace projects, highlighting the superb tolerances and specifications we achieve here at the Nemco facility.





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

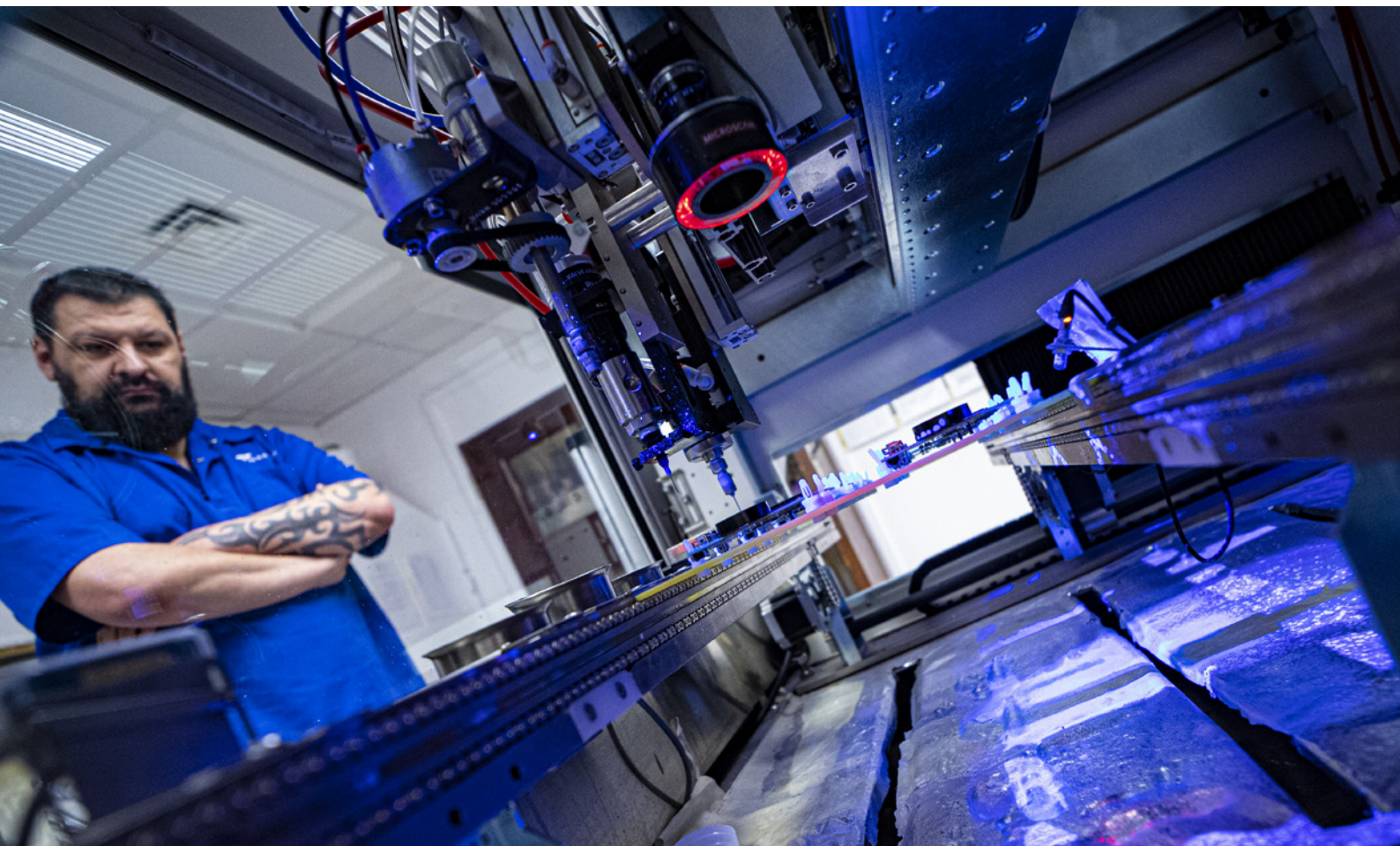
With a dedication to understanding our customers' unique needs, Nemco delivers exceptional service, quality, and on-time delivery. We aim to continually exceed expectations and serve as a valued outsourcing partner. That is how we have built up such a loyal customer base who trust Nemco to deliver for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

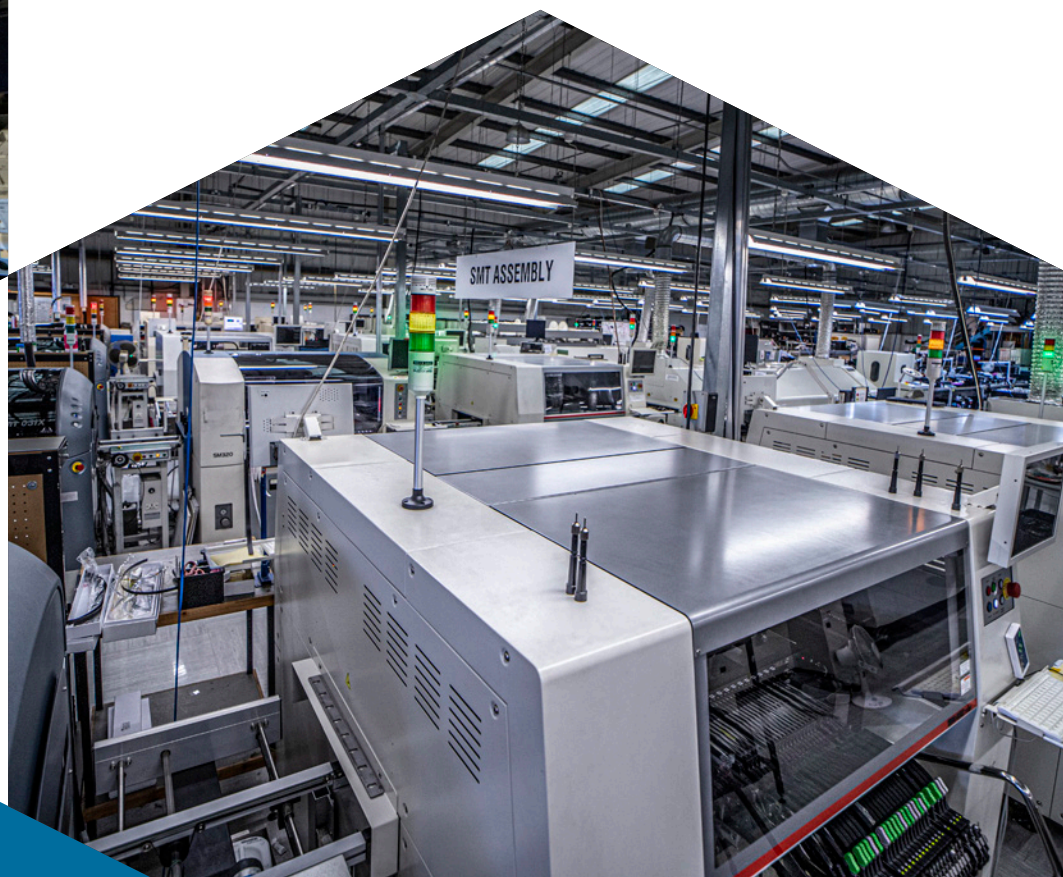
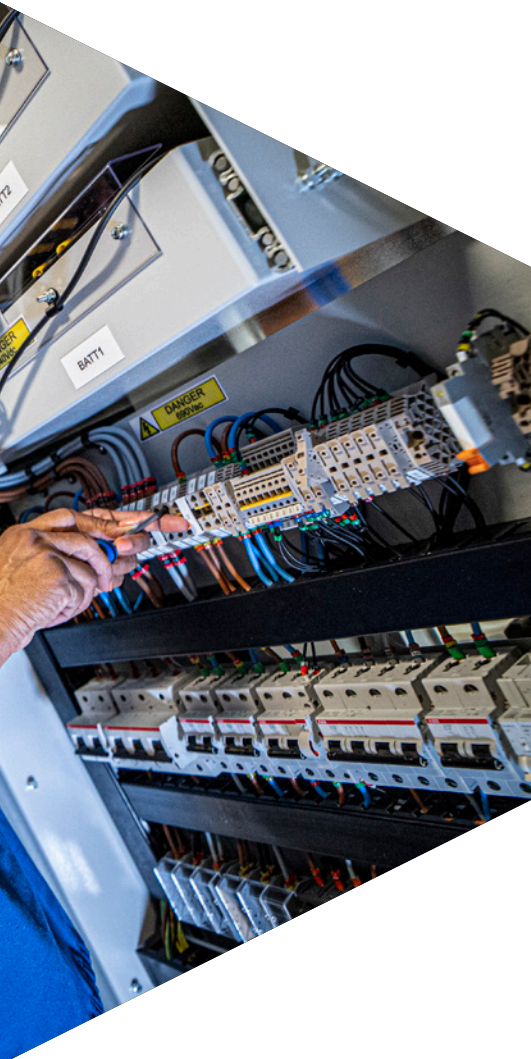
Nemco is a full-service Contract Electronics Manufacturer; our outsourcing service offers a seamless bridge between your orders and our production-line and supply chain management. We are trusted by many leading OEMs to support and manage their production, thereby reducing lead-times, increasing capabilities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

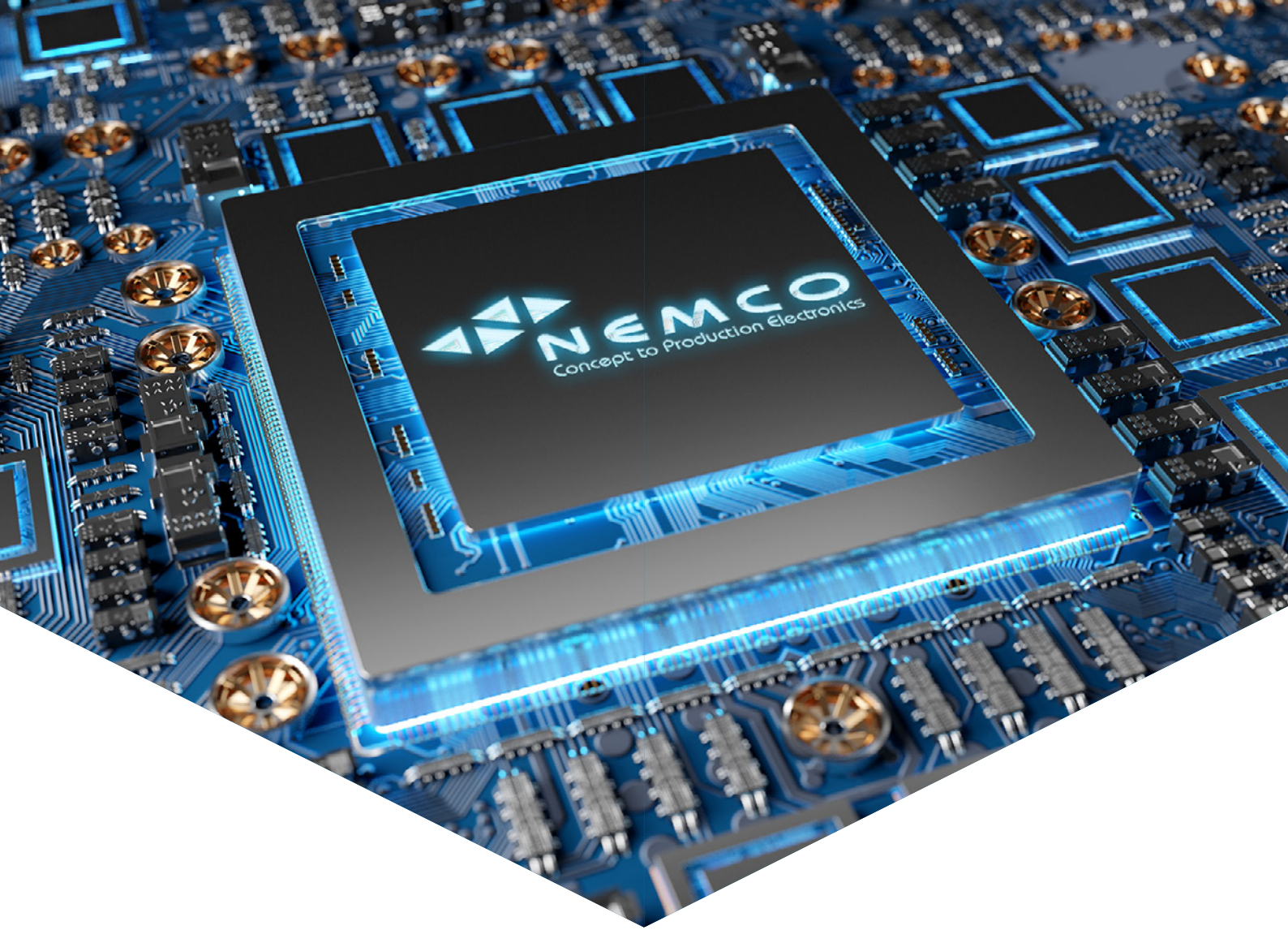
Extending your business with our expertise and capability is available through a simple flexible agreement to suit your customer demands. Outsourcing through Nemco negates any fixed overheads, recruitment requirements or investment.

"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

SINCE 1985



Nemco Limited. Wedgwood Way, Stevenage, Hertfordshire. SG1 4SX

01438 346 600 nemco.co.uk