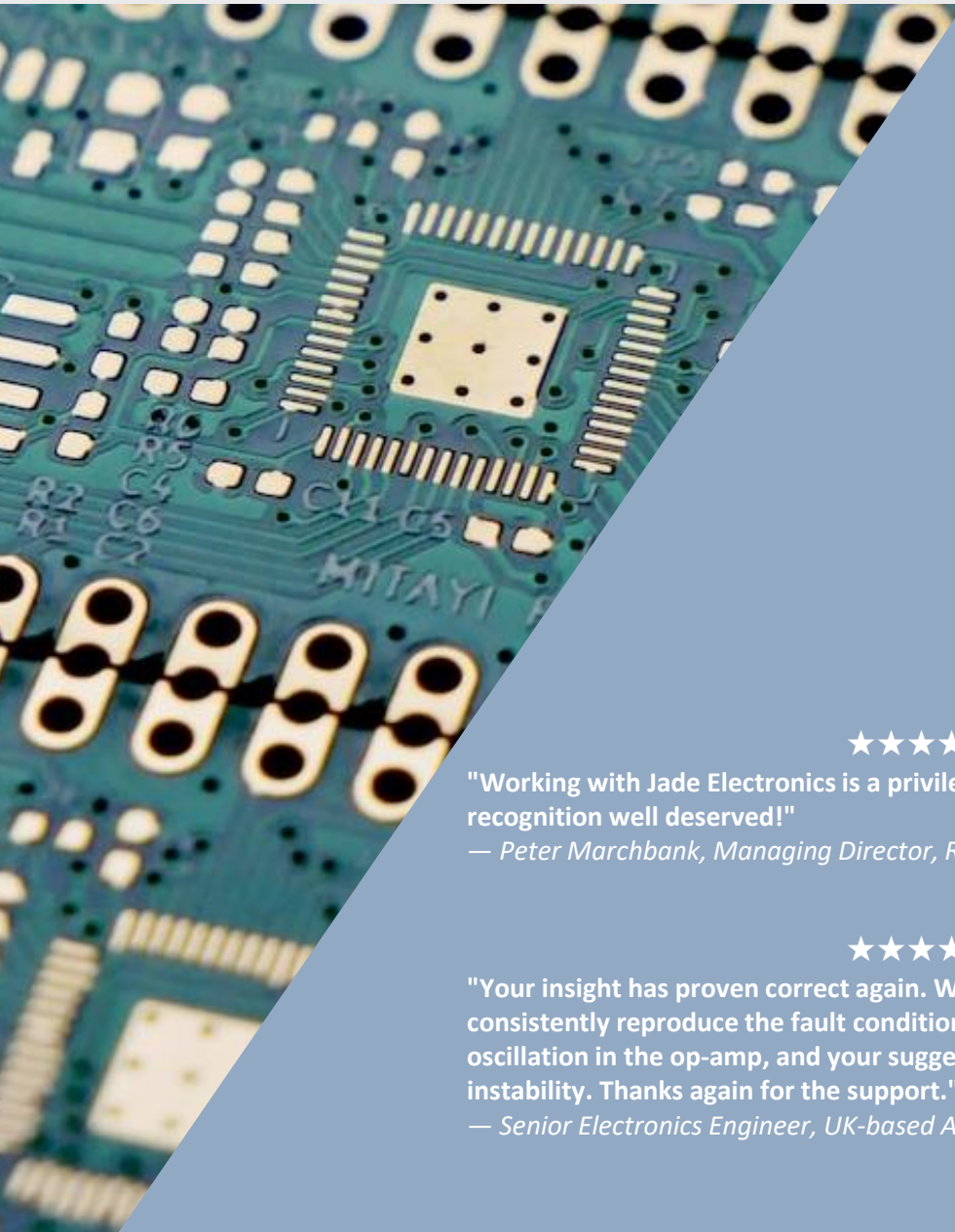




# JADE ELECTRONICS

SOLUTIONS LTD

## COMPANY PROFILE



"Working with Jade Electronics is a privilege. Congratulations to Jonathan — recognition well deserved!"

— Peter Marchbank, Managing Director, RPI UK Ltd



"Your insight has proven correct again. With your guidance, I was able to consistently reproduce the fault condition. The issue was isolated to oscillation in the op-amp, and your suggestion led directly to identifying the instability. Thanks again for the support."

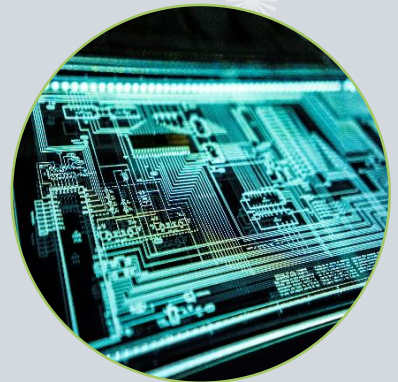
— Senior Electronics Engineer, UK-based Aerospace Instrumentation Company

Jade Electronics Solutions Ltd — Excellence in Electronics Manufacturing, Made to Feel Easy



# ABOUT US

- *Expert Electronics Manufacturing Solutions*
- Although Jade Electronics is a New Name to some , we have been **delivering the magic** behind the scenes at other well known companies as we bring **decades of high level experience** in the electronics industry. Our vast expertise spans **multiple sectors**, including **consumer electronics, defence, and aerospace**.
- With hands-on experience at every level of business operations, we offer **full turnkey solutions** alongside **end-to-end quality and performance practices**. From the very start, Jade Electronics Solutions Ltd. has been built on a solid foundation of industry knowledge, working with some of the most prestigious names in electronics.
- While we are a young company, our experience is anything but. Jade brings **decades of combined, hands-on professional manufacturing experience**, backed by **over 15 years of successful business development**. Whether in **consumer electronics, defence, or aerospace**, we are committed to providing innovative solutions, high-quality manufacturing, and exceptional service to our partners. With our extensive knowledge and passion for the industry **Jade is delivering the Form, Fit and Function** that customers desire.
- Why are we so successful? Our secret is to deliver our vast experience of exceptional industry led standards assembly work and honest customer engagement to **Just always Deliver Excellence** in all of our services. A promise made by others but an honest commitment from Jade Electronics to our customers.



## OUR CAPABILITIES

- *Driven by Excellence, Focused on Innovation*
- At **Jade Electronics**, our professional team is constantly striving for perfection. We are fortunate to work with **notable, world-renowned clients** who trust us to bring their visions to life. With our creative expertise, we turn electronics manufacturing concepts into finished products, ensuring every detail meets the highest standards.
- As a **customer-focused** and **quality-driven** company, we bring a wealth of experience and innovation to every project. Whether you need assistance with a specific manufacturing technique or a comprehensive solution, we are ready to discuss your needs and deliver the service you require.
- Though **Jade Electronics Solutions Ltd.** is a young company, we are growing rapidly to better serve our increasingly demanding customer base. Our team excels in **rapid development**, fuelled by both **growing customer demand** and **unwavering quality standards**.
- We offer **end-to-end, professional contract electronics manufacturing services**, always keeping **quality** and the **customer's needs** at the forefront of everything we do.

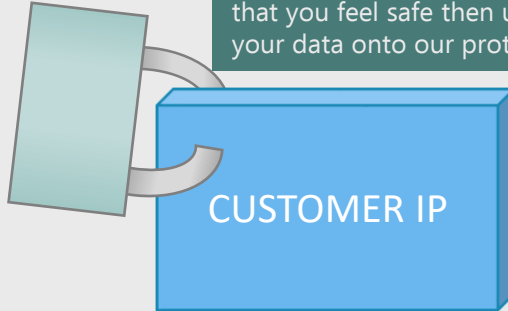


# SERVICES



## IP ALWAYS PROTECTED

First and foremost we want to make sure that your IP is Safe with us so before you even send us any of your information we will send you completed contracts and NDAs to ensure that you feel safe then using a safe method we will on-board your data onto our protected systems.



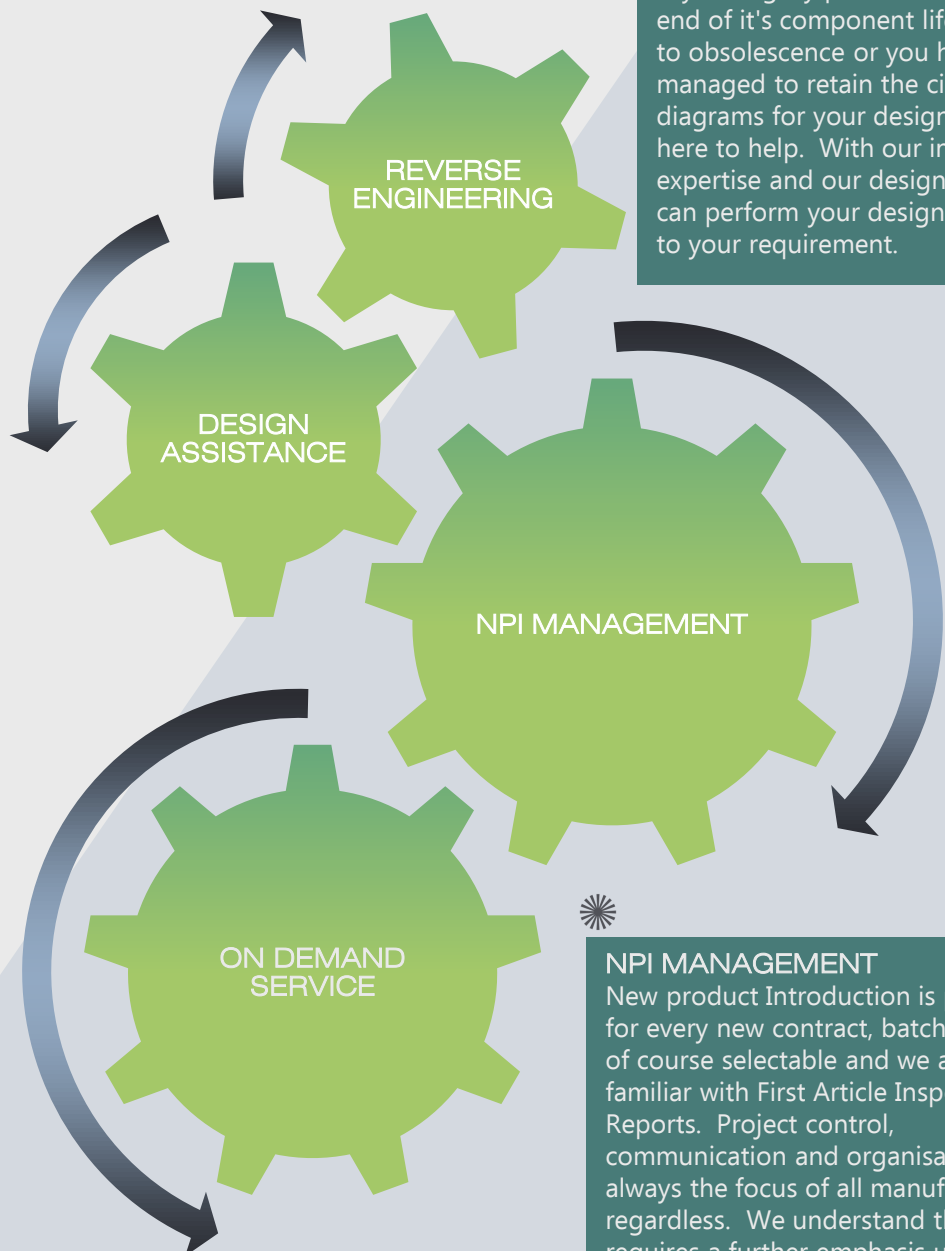
## DESIGN ASSISTANCE

Whatever level of design capability you have we can offer assistance to make your design a reality. Whether it is value engineering or something more complex like HV, MOD or Aerospace. We have the professional knowledge in many software platforms and manufacturing techniques to assist you along the journey.



## REVERSE ENGINEERING

Is your legacy product reaching the end of its component lifecycle due to obsolescence or you haven't managed to retain the circuit diagrams for your design, we are here to help. With our in house expertise and our design team we can perform your design changes to your requirement.



## ON DEMAND SERVICE

Offering flexible services for your demand whether it be a rapid turn around to a target market or manufacturing overflow to accommodate an over capacity. We can offer a fully flexible service, rapid turn around PCB's, tooling and manufacture.



## NPI MANAGEMENT

New product Introduction is performed for every new contract, batch sizes are of course selectable and we are very familiar with First Article Inspection Reports. Project control, communication and organisation is always the focus of all manufacturing regardless. We understand that NPI requires a further emphasis upon this control to manage all deadlines and milestones strategically and effectively.

# SERVICES

## THROUGH HOLE ASSEMBLY

Often referred to as PTH or Conventional Assembly, we are familiar with all techniques for Leaded component manufacturing. Aerospace, MOD, IPC, odd form, clinches, press fit, thermal relief, stakings, maskings and coatings. HV assembly techniques, critically clean and so on, we know all the methods and measures to use to support your manufacturing requirements.

## EXTENDED SERVICES

We are familiar with all types of further services too that are not your average request. From conformal coating, washing practices, specialist test to non destructive testing we can help you.

## CABLE ASSEMBLY

We are familiar with all types of cable assemblies from general to multicore, HV, Aerospace, MOD and so on. We can produce anything to documentation and ready to send to the customer for approval within a few days. We can also make cables on the fly or design them in. As desired we can also source from oversea sources to attain competitive prices to suite the customers requirements.

## THROUGH HOLE ASSEMBLY

## SURFACE MOUNT ASSEMBLY

## EXTENDED SERVICES

## CABLE ASSEMBLY

## BOX BUILD

## SURFACE MOUNT ASSEMBLY

Automated Surface mount assembly techniques to fit electronic components of many sizes can be easily performed by our professional team. The components will be fitted using New automated machinery, expert manufacturing practices and with full inspection control methods.

## BOX BUILD

Box build, radius profiles and service loops, banding, shrinking, crimping and more all performed to the customers specification or we can assist by building to schematic using our skills and expertise in IPC and Aerospace manufacturing techniques to give you the approach that you desire.

## QUALITY REPORTING

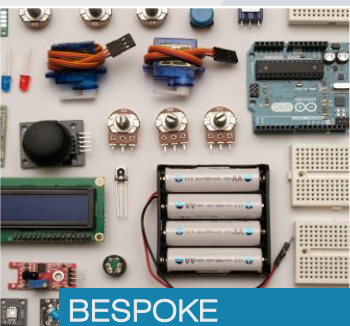
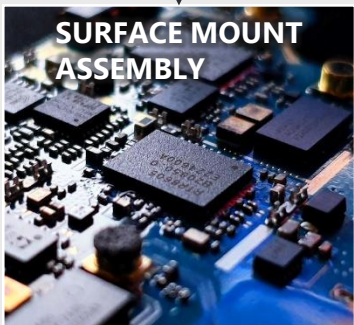
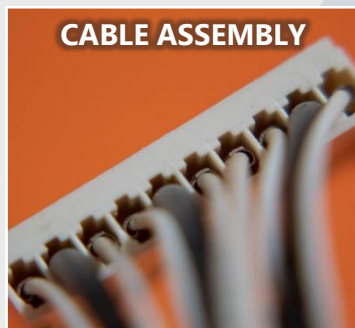
## QUALITY REPORTING

From IPC lv1 to lv3 - Mission or Life Critical we know the standards and practices required to manufacture your product. Like the Quality Control Funnel above All of our services are controlled using strict quality checking at multiple strategic points as soon as entering our control and before being finally released to the customer.





# SERVICES



## PROGRAMMING & TEST

- We can perform any test routines to specification and we can produce test/performance logs per item at request. We are familiar with all types of in circuit test and all programming. We can produce manufacturing programming and test jigs either as defined, supplied or requested. We can produce anything to documentation and we can also make test routines on the fly or design them in to suit the customers requirements.



## BESPOKE ASSEMBLY

- From standard practices, conformal coatings, to critical cleanliness we've got it covered, whatever your project. Value Engineering, Reverse Engineering, Pre-manufacture Design Analysis, Design & Manufacture, Custom Metalwork's.



## FINAL ASSEMBLY

- We understand that mechanical assembly isn't always just as simple as it looks. For the customer demand it's about using torque gauged electrical screwdrivers and tools. And using professional engineering knowledge for the correct form, fit and function of the final assembly.





# MEET OUR FOUNDERS

## A COLLECTIVE, THAT MAKES DREAMS COME TRUE

Our strength lies in our individuality. Founded by Jonathan & Charlotte Dixon, the Jade Electronics team strive to bring in the best talent in various fields, from manufacture to product design and sales.

Each member of our team is a seasoned professional of our craft – we've worked a many number of years in our field and each of us have passion and creative vision for every project we are involved with.

We pay a lot of attention to each and every detail, because we know that we are in charge of creating a professional and personalised customer working relationship. We adopt only the best methods and the best experience to ensure our continued quality standards and processes for our customers.

We're not scared to go beyond the horizon. Focusing on being the best is not enough as the visionaries of tomorrow, we won't say no to experimentation, unusual materials, or unlikely combinations.

We also offer consultation services as we believe in sharing our knowledge and experience for the benefit of innovation within the industry for the future years and also the younger minds to come.



JONATHAN DIXON

Founder - Managing  
Director.



CHARLOTTE DIXON

Founder - Managing  
Director.



# QUANTITY WITH QUALITY

- At **Jade Electronics**, we don't believe in poor quality work— we are fully aware of human error intervention. With our **system of thorough quality checks, process engineering and performance indicators**, refined through years of experienced manufacturing, we guarantee **controlled quality above all else** for our customers.
- We embrace **Internal Continuous Improvement** and use **KPI systems** to regularly review our performance within a **Lean Six Sigma** environment, ensuring that our internal processes align with both our and the customer's expectations.
- True quality is rooted in experience and a well-designed **quality control system** that minimizes human error, demands **consistent controlled quality**, and delivers **perfection in workmanship**.
- From **NPI & Prototypes** to larger production runs, all manufacturing is **software-driven** and **machine-manufactured**, with no room left for chance. Our **industry-standard 8D** methodology and **Continuous Improvement system** oversee the product and quality progression across the company.
- **100% quality** and **100% yield** are our constant goals and achievements. To achieve this, we have ingrained quality into our **company culture**, ensuring it is not just something we strive for but something we live by every single day.
- While aspects of the creative process may fade from memory, the **excellence** of our products and services will always stand out.
- At **Jade Electronics Solutions Ltd**, we live by the principle of **Just Always Delivering Excellence** in everything we do.



# OUR QUALITY

- Through many years of experience and a refined quality system, combined with advanced **process checking equipment** and proprietary **process control software** developed by the company, we provide a **professionally controlled, traceable service** from start to finish.
- We work to levels **beyond the IPC manufacturing standard**, ensuring our processes exceed industry expectations for quality and precision. Additionally, we adhere to the **AS9100D aerospace quality and workmanship standard**, guaranteeing that our manufacturing processes meet the highest levels of compliance.
- Our **optimized quality manufacturing processes** not only ensure superior quality but also deliver faster turnaround times than expected, ultimately resulting in **reduced manufacturing costs**. This creates a **winning service** that delivers significant benefits, all while remaining fully committed to the customer's satisfaction.



## CONTINUOUS QUALITY PERFORMANCE

•As Jade Electronics continues its journey, it will acquire its own registration and accreditations for these industry standards and practices that it already has professional-level knowledge of. We are a multi award winning company committed to continually achieving more for the benefit and security of our customers.



•Additionally, as a professional, experienced company, we are already incorporating the following practices and providing services outlined below:

**UKAS CALIBRATION**

**TRACEABILITY & UL**

**FAIR SERVICES**

**RoHS**

**CoSHH**

**WEEE**

**REACH**

**ESD PRACTICES**

**6 SIGMA**

**MSDS PRACTICES & FIFO STORAGE**

**SSL**

**IP PROTECTION**

**CONTINUOUS IMPROVEMENT**

**8D**

**LEAN**

**KAIZEN**

**5S**

•These practices ensure that we not only meet the highest industry standards but also continuously improve and innovate to deliver exceptional quality, safety, and efficiency to our customers.



## CONFORMITIES & ACCREDITATIONS

Jade Electronics Solutions Ltd started business in Q2 2023 using a customer focused professional quality approach refined from over 50 years of experience of working, writing and implementing and continually improving the practices that it will be conforming to, whilst also gradually joining leading programs and groups of recognition for premium quality standards:

**IPC-A-610/620 PRACTICES**

**AS9100D PRACTICES**

**CYBER ESSENTIALS**

**VITA**

**J-STD-001 PRACTICES**

**AS9102 FAIR PRACTICES**

**SC21**

**SMEUNITE**

Recent Accreditations are:

Registration with ico. for data protection & assigned internal DPO for control

ISO9001:2015 Accreditation for Controlled Quality Standards

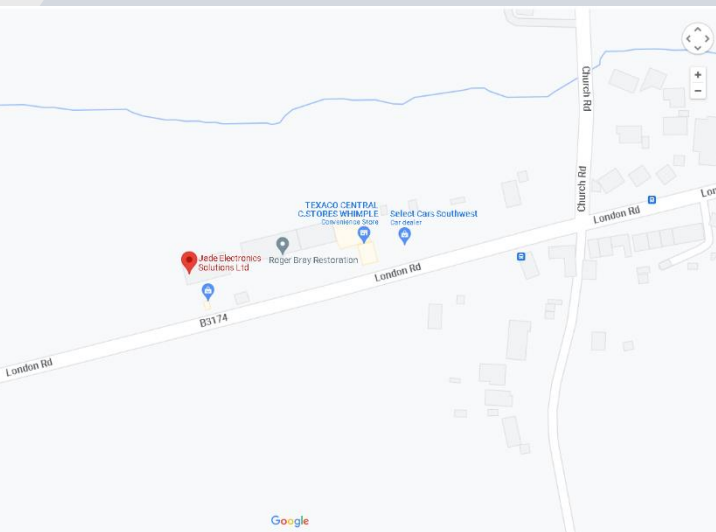
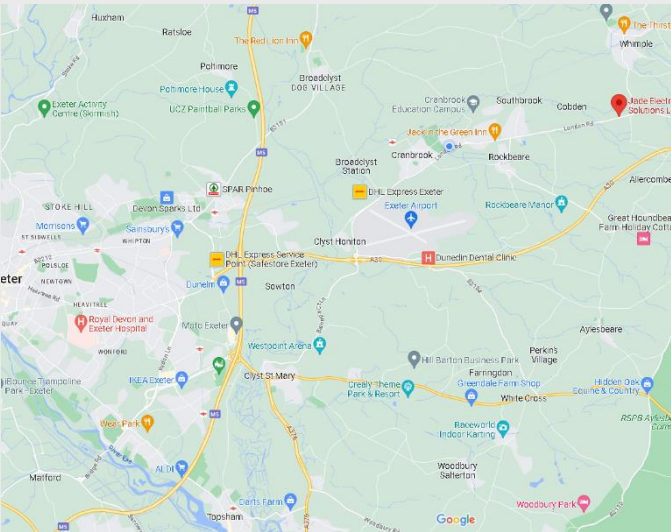
JOSCAR Supplier Registration Accreditation

Proudly Pledged to support the Armed Forces Covenant

We are also proud to now be a member of **WEAF** too, details coming soon..



## CONTACT US



**JADE ELECTRONICS**  
SOLUTIONS LTD



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