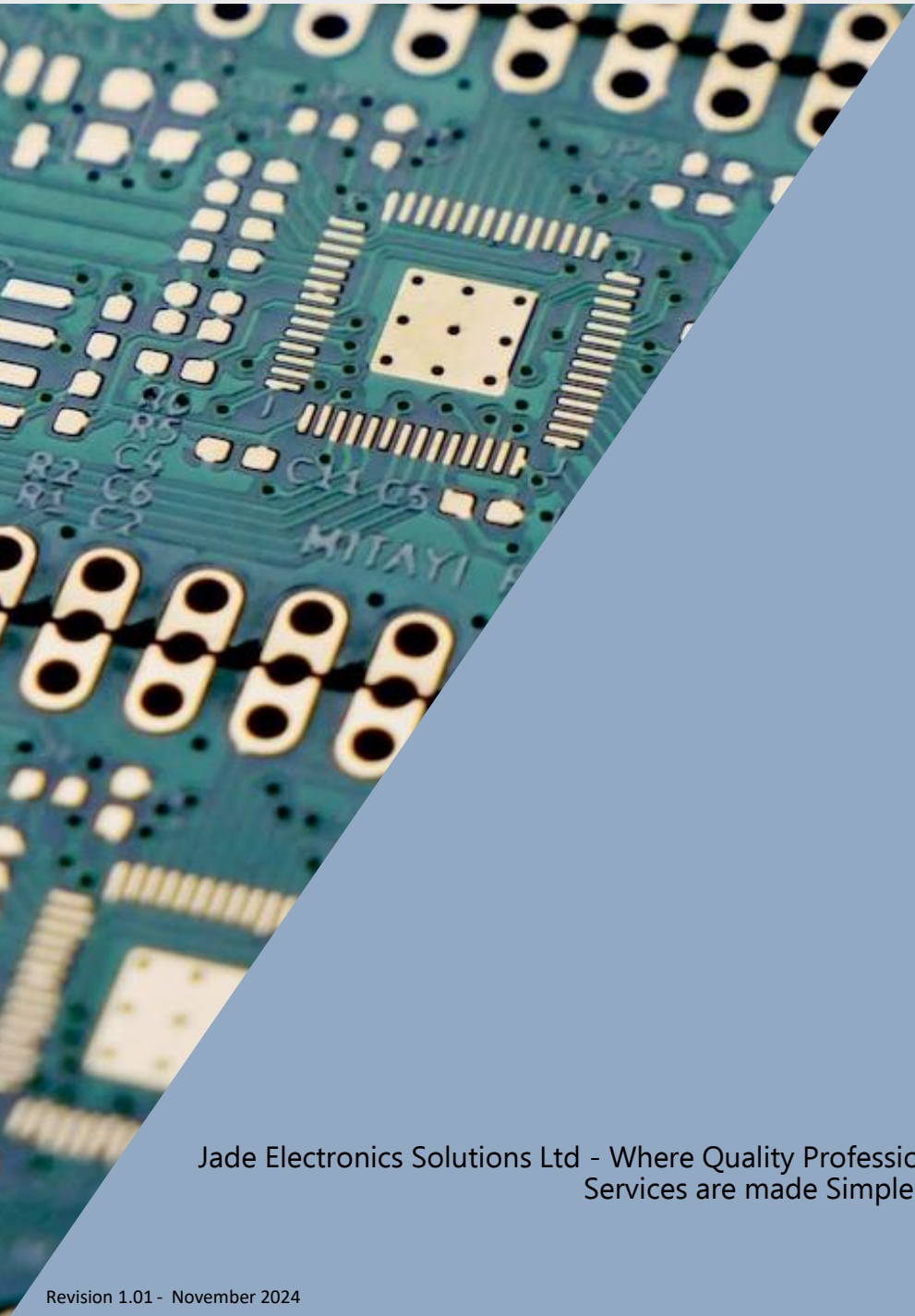




JADE ELECTRONICS

SOLUTIONS LTD

COMPANY PROFILE



Jade Electronics Solutions Ltd - Where Quality Professional Electronics Manufacturing Services are made Simple.



ABOUT US

Jade Electronics although a new company, had started business with over 42 years of combined experience.

With a combined multi tiered and multi sector professional experience of working hands on throughout all company levels, offering Full turn key solutions, End to end quality and performance practices.

From the beginning of operations Jade Electronics Solutions Ltd was already infused with a previous history of multi sector services to very prestigious names within the Electronics Industry.

We may be a new company but our experience certainly isn't, we are offering over 42 years of combined multi-level hands on professional quality electronics manufacturing experience within consumer electronics, Defence and Aerospace sectors and over 15 years of successful business development.

MISSION



Honesty and guidance with customers regardless of size

Thorough Communications and nurturing support culture with customers

Colleague commitment to balance wellbeing and in return provide dedication

VISION



To produce the best quality products in Industry to build a professional network and vendor base

Retain an experienced team and return value to customers

Return to the community with jobs, green charity days and university innovation projects

VALUES



Innovative designs, manufacturing & support

Effective problem solving with attention to detail

Competitive pricing from lean refined processes



OUR CAPABILITIES

Jade Electronics professional team is constantly striving for perfection. We know we are lucky to work with notable and world known clients, who trust us and let us guide them with our creative vision, making their electronics manufacturing through to finished product visions come true.

As a customer and quality focused company there is a wealth of experience and innovation to offer for any manufacturing technique that you may require, we are waiting to discuss and perform any service that you require.

Jade Electronics Solutions Ltd as a new company will continue to grow to greater serve it's demanding customer base. The team are experienced in rapid development coupled with growing customer demand and unwavering quality standards.

End to end professional contract electronics manufacturing services with quality and the customer always the main focus.



PROCESS OF BUYING



SERVICE & PROCESS VIEWING

Viewing is optional but we are here to help you find the perfect solution partner for your products and your business. Depending on your requirements, we will explain in simple detail every process that we have to offer and how we can provide the perfect solution. We will listen to your enquiry in detail, suggest services that we can perform for you and book you in if you'd like a viewing.

We understand that every customer is different, no matter the size or complexity of your product or business we are here to help.

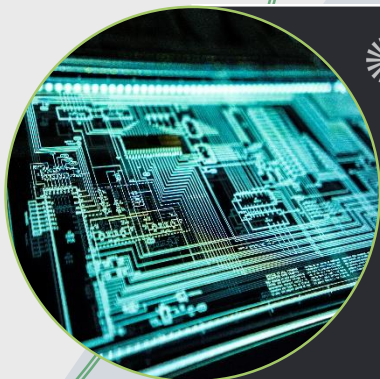
And the service will always be the same for every customer.



NEGOTIATING TERMS

We aim to get it right and be competitive in the market, so we don't just let you guess what service is required. We will guide you through our services and explain the options in detail. Once you've found the service level that you require and are ready to request a quotation.

Place a request, we will review the request, assist with as much as you need us and contact the vendors and negotiate the best terms to suit your budget and needs. If you have your own stock that you want us to hold or a vendor relationship that you'd like to honour we can do that too. Nothing is too much trouble.



DESIGN REVIEW

We don't play around – that means that our IP is important to us and so is our customers IP. Once a contract is confirmed and confidential agreements are signed to protect your IP, we will onboard your product to our protected computer system. Our systems have protection against introducing USB or other devices that may compromise security and our passwords are automatically replaced regularly.

Our system is designed to prevent paper copies of your IP from being made and digital devices such as mobile telephones and cameras are not allowed within our sensitive areas.

With our continuous improvement and DFM improvements, everything about your design could be reviewed at your discretion, but ultimately we want to improve quality and save you money in reducing component cost and simplified manufacturing options. But we always make sure that the customer is in control. To leave you with the confidence that your product manufacturing process is being totally looked after.

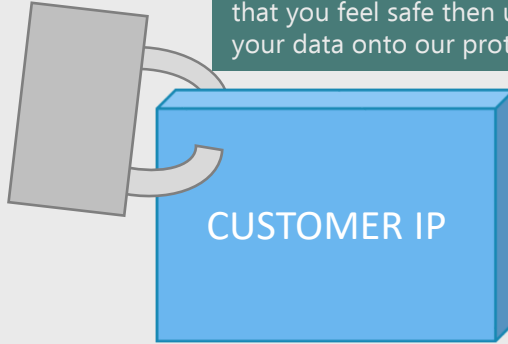


SERVICES



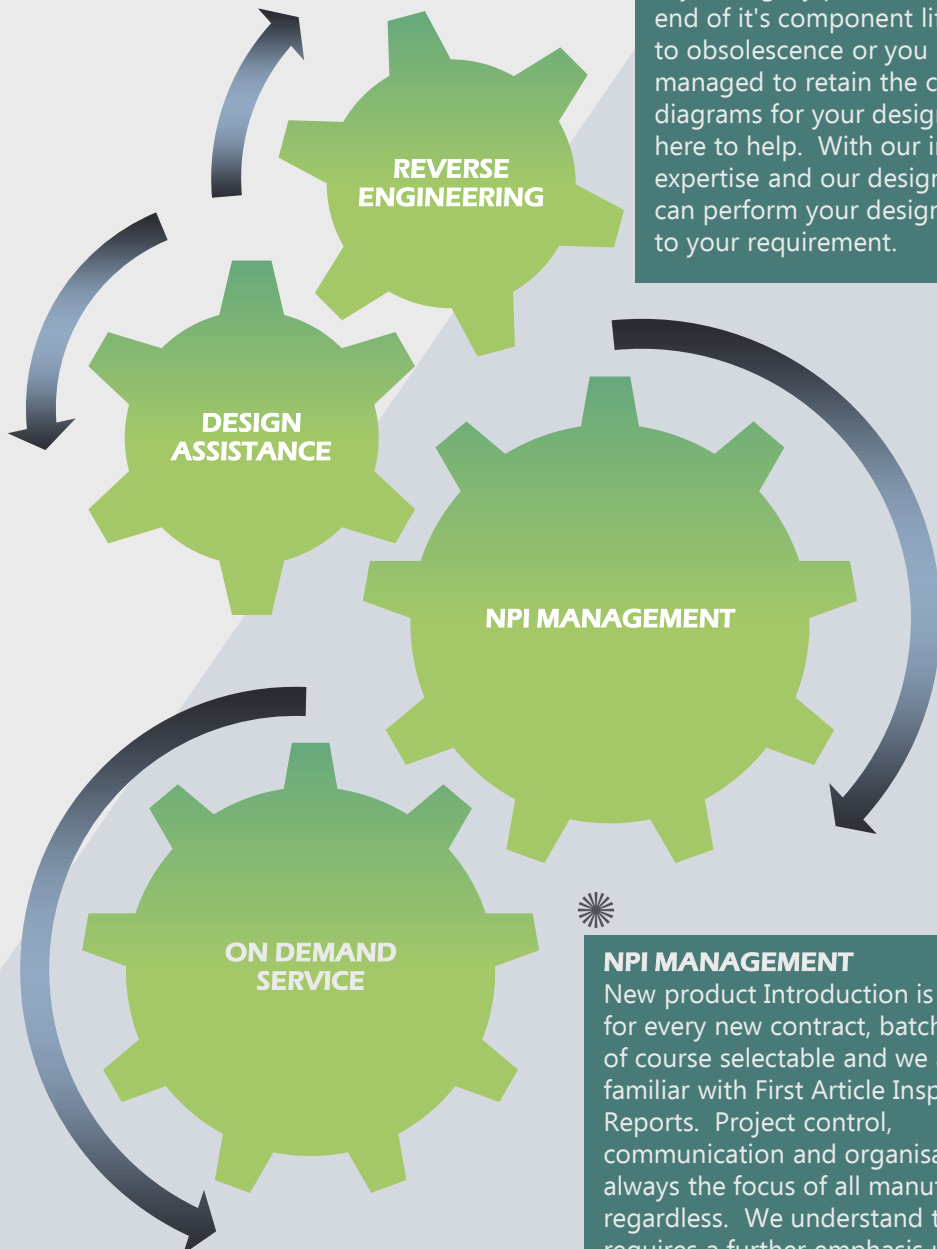
IP ALWAYS PROTECTED

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.



REVERSE ENGINEERING

Is your legacy product reaching the end of it's 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.



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.



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 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.

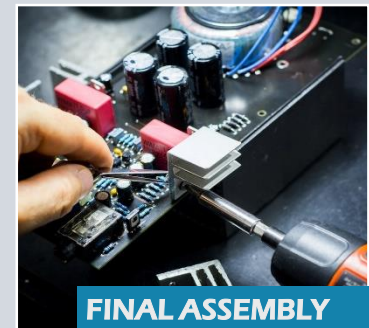
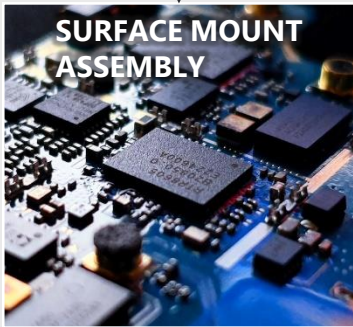
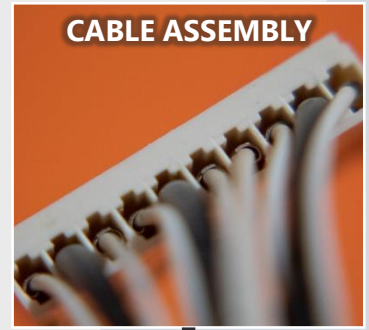
QUALITY REPORTING

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.





WHAT WE OFFER



EXPERIENCED TEAM

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



PROFESSIONAL QUALITY ASSURANCE

- 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 partner up with the best experience to ensure our continued quality standards and processes for our customers.



VISIONARIES OF THE FUTURE

- 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.



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.



JONATHAN DIXON

Founder - Managing Director.



CHARLOTTE DIXON

Founder - Managing Director.



QUANTITY WITH QUALITY

We don't believe in poor quality work only human error, with a system of thorough quality checking and performance indication refined from years of experienced manufacturing we will deliver controlled quality above all else to our customers. Internal Continuous Improvement and KPI systems will also review our performance within a Lean 6 Sigma environment to ensure our internal performance operates in line with ours and the customers expectations.

True quality comes from experience and a well designed quality control systems to eliminate human error and demand consistent controlled quality and perfection within workmanship.

All manufacturing of all batch sizes from NPI & Prototypes to larger runs will be software driven and machine manufactured with nothing left to chance.

Our industry 8D and Continuous improvement system will control the product and quality progress throughout the company.

The target of 100% quality and 100% yield is always our focus.

To achieve this we have made quality our culture. So that it's not something that we just strive for – we live by this principle every day.

While some of the things about the creative process will be forgotten, the excellence of our products and services will be remembered.

At Jade Electronics Solutions Ltd we work by the ethos that we are Just Always Delivering Excellence in all of our services.



OUR QUALITY

Through the many years of experience, a refined quality system, process checking equipment and process control software developed by the company, we will provide a professional quality controlled and traceable service from start to finish. Optimised quality manufacturing processes will give more benefits, as with the manufacturing quality paired with a faster turn around than expected and in return a reduced cost to manufacture. A winning service that has all the benefit committed the customer.



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 a professional level knowledge of and it will continue to achieve more for the benefit and security of the customer.

And additionally as a professional experienced company will already incorporating the practices and providing and services outlined below:

UKAS CALIBRATION

TRACEABILITY & UL

FAIR SERVICES

RoHS

CoSHH

WEEE

REACH

ESD PRACTICES

MSDS PRACTICES & FIFO STORAGE

SSL

IP PROTECTION

CONTINUOUS IMPROVEMENT

8D

LEAN

KAIZEN

5S

6 SIGMA



CONFORMITIES & ACCREDITATIONS

Jade Electronics Solutions Ltd started business in Q2 2023 using a customer focused professional quality approach refined from over 30 years of experience of working, writing and implementing the practices that it will be conforming to:

IPC-A-610/620 PRACTICES

J-STD-001 PRACTICES

AS9100D PRACTICES

AS9102 FAIR PRACTICES

CYBER ESSENTIALS

SC21

VITA

SMEUNITE

Recent Accreditations are:

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

ISO9001:2015 Accreditation for Controlled Quality Standards

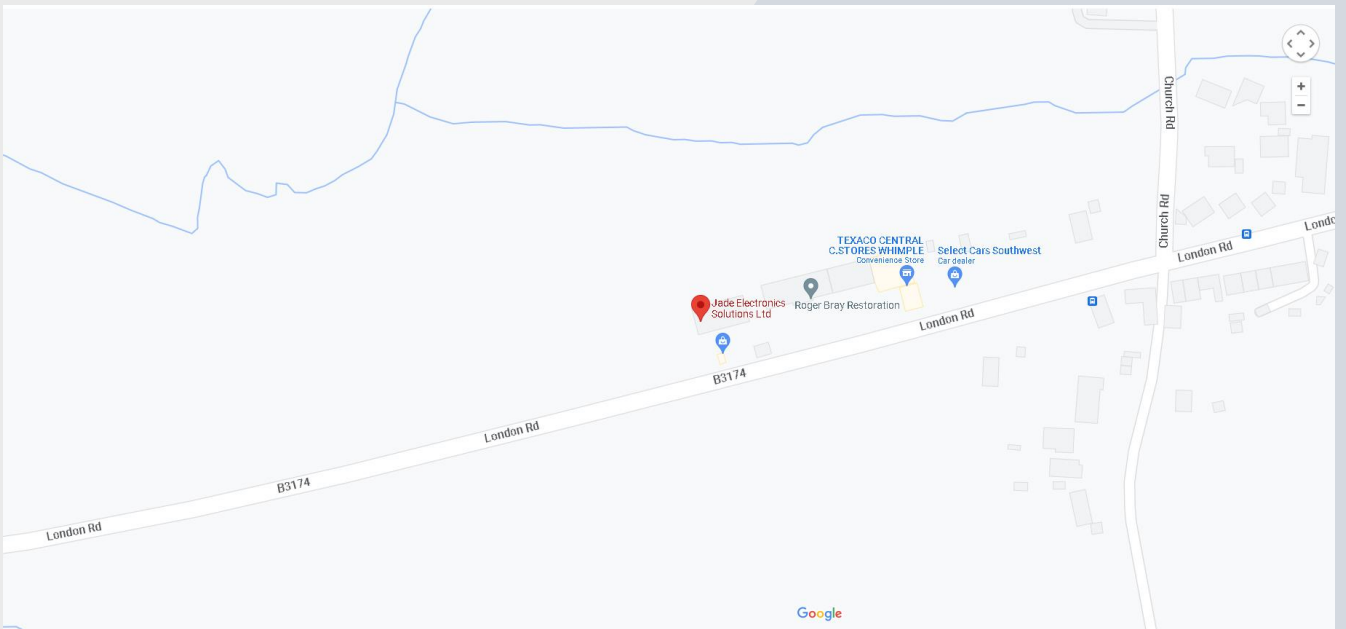
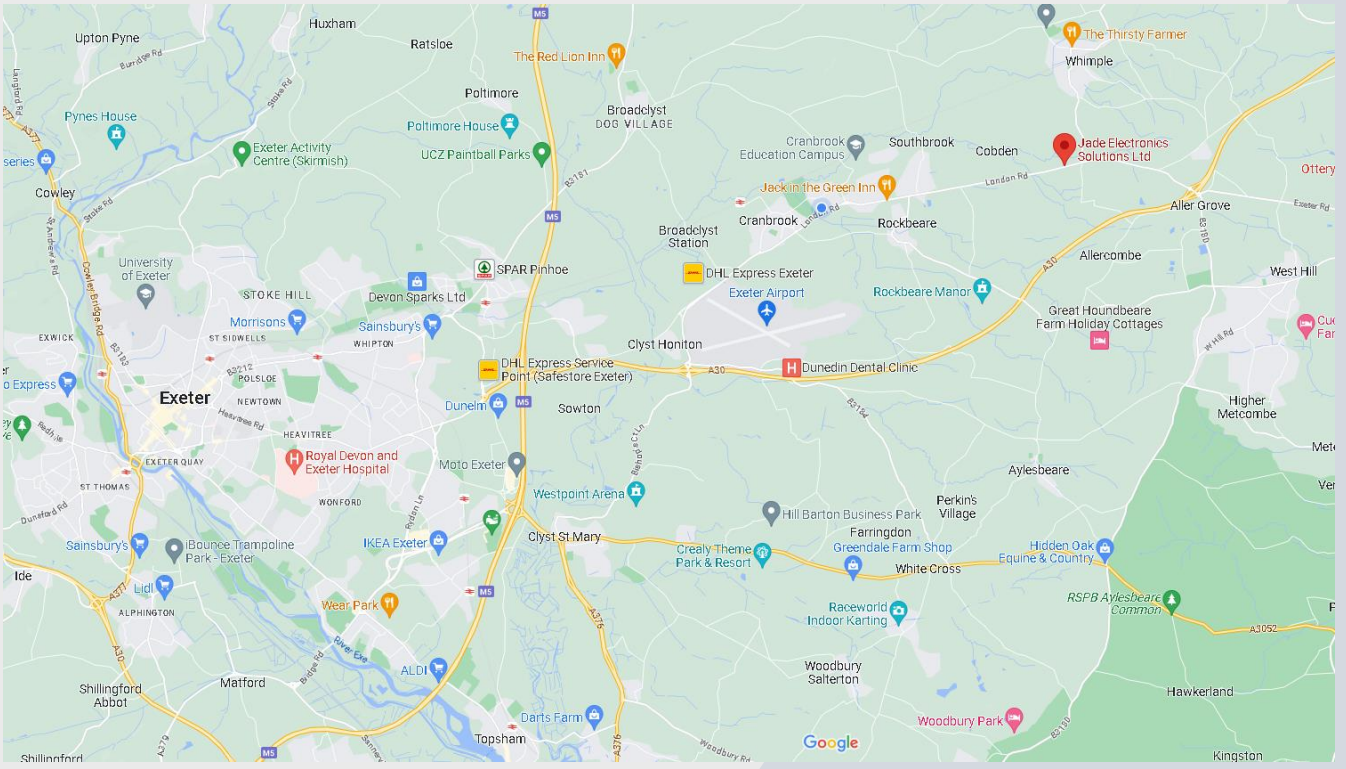
JOSCAR Supplier Registration Accreditation

Proudly Pledged to support the Armed Forces Covenant

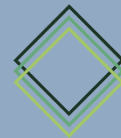




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