

Jaltek **Systems**

Working with customers to create history

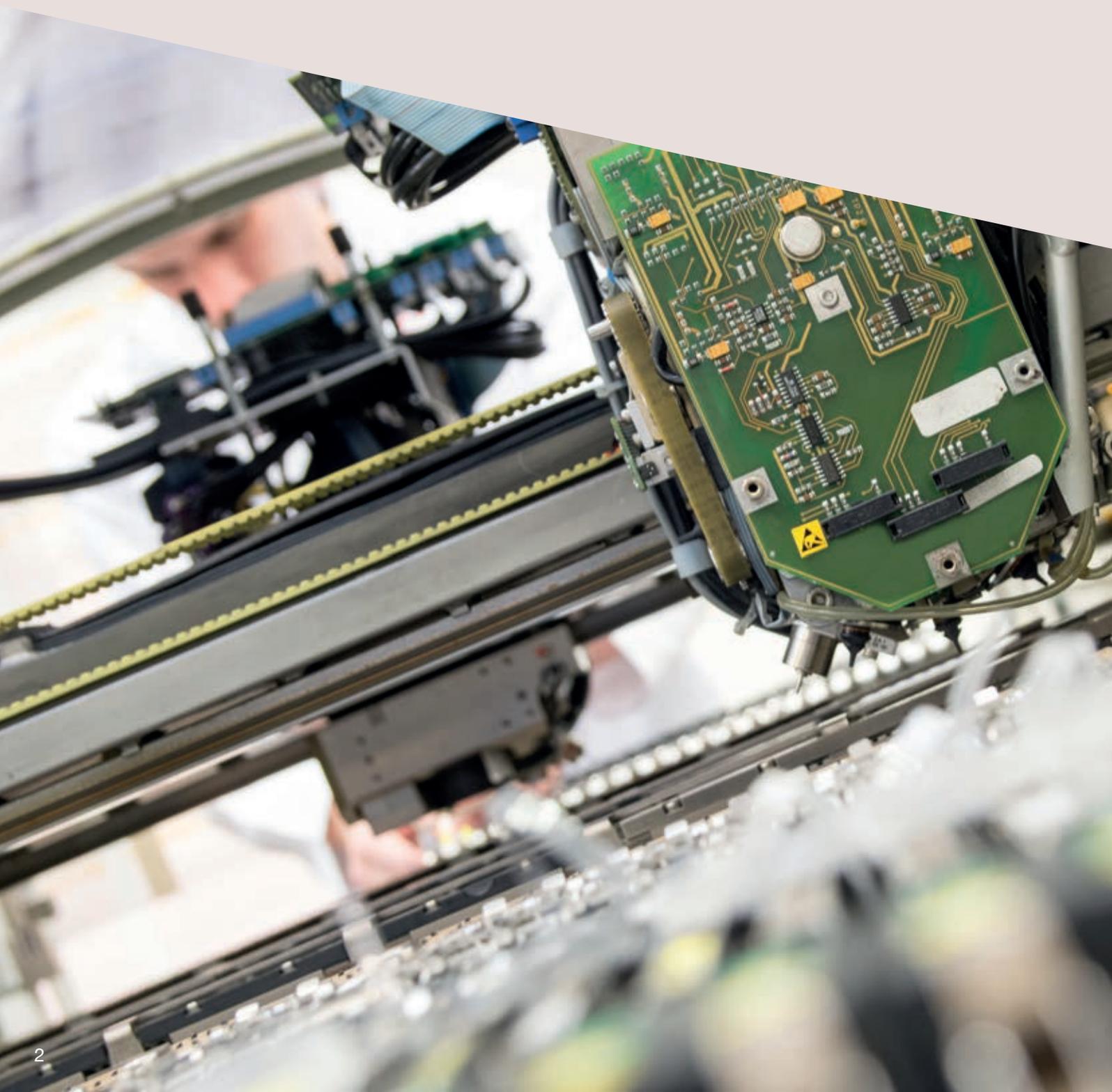
Designing and manufacturing electronics for over 30 years

Delivering solutions through technology and partnership

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Jaltek Systems is a leading electronics technology solutions provider offering a comprehensive range of vertically integrated design and manufacturing services tailored to meet our customer's highly diversified business requirements. We recognise the market need to be flexible and responsive to meet the demands of a constantly changing landscape, focusing on low to medium volume, high mix, product profiles.

Jaltek has a well established and diverse customer base, from the global PLCs to start-up ventures. Many of our customers have worked with us for over a decade which is a testament to Jaltek's strong customer focus and support.



Key market sectors

Working with customers to create history

Jaltek's customers work in cutting edge high technology environments and have low to medium volume, high mix, product profiles. We have long associations with our key market sectors. However, we operate across a wide range of markets beyond those defined as key sectors.

Adjacent to our existing key verticals we are also interested in developing partnerships within new markets that have similar product characteristics as those of our current customers.

With over a decade of experience engineering products to operate in the harshest environments, we guarantee 100% accuracy and reliability where it matters most.

Clean Energy

Communications & Broadcasting

Consumer

Defence & Aerospace

Homeland Security

IP Development Platforms

Medical

Oil and Gas

Scientific Research

Space

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Integrated design

At the forefront of the latest technology and innovation

By integrating design and manufacturing early in the development process, Jaltek lowers cost and reduces time to market, through streamlined processes.

New Product Introduction (NPI)

Value Engineering

Mechanical Design

PCB Design

Multi-layer, Flex, Flex-Rigid

PCB Thermal Analysis

Signal Integrity & EMC Analysis

DFx Services



Manufacturing solutions

Maximising profits through optimised product realisation

Jaltek offers a tool box of solutions which can either be utilised as a fully integrated solution or a single service. From conceptual design and NPI, through manufacturing and test, to final product realisation, Jaltek supports products throughout the complete product lifecycle.

3 SMT lines

Dedicated NPI Line

Selective Solder with IPC-A-610
Class 3 workmanship

Conformal Coating

Manual Assembly

Cable Assembly

Pressfit

Extensive test suite

State-of-the-art 2D/3D inspection
technology

X-Ray Machine

Box-build & High Level Assembly

System Integration

Mechanical Solutions (via partner)

Plastics (via partner)

Box build

We provide a full electrical box build assembly service, tailor made to meet our customers' requirements. Our Box Builds range from simple assemblies to complex integrated systems including material procurement and complete management of the process from concept to delivery. Every product shipped from us meets our customers' stringent order and logistical demands and they are supported throughout the entire lifecycle of the process.

Tailor made to meet our customers' requirements

Aegis Software

Improving speed, control and visibility

Jaltek use a manufacturing execution system by Aegis Software that allows full traceability of our whole production facility and improves productivity. It records which operators and machines built each product, right back to the pin of a device on a board.

Jobs are tracked and data recorded in real time and the system automatically publishes weekly quality metrics, allowing us to drill right down in to the detail of the data. We can now trace back any faults and have full control at all times during the manufacturing cycle.

Quality

Making excellence a habit (BSI)

Our Quality Management System, certified by the British Standards Institution, ensures that every product we manufacture meets the high expectations of our customers.

We are certified to AS9100 Rev. D for the Aerospace and Defence industry and ISO 13485:2016 for Medical Device manufacture.



Silicon expert

To further ensure the quality and reliability of our customers' products we use SiliconExpert - one of the most sophisticated and precise component market tools available. It enables us to manage our customers' Bill of Materials in one centralised location helping ensure that all of our BOM's are cost effective and low risk, which in turn makes sure that our customers products have longevity, reliability and a faster route to market.

Silicon Expert ensures protection against:

- Short lifecycles
- Counterfeit components
- ITAR controlled parts
- Conflict Minerals



Product engineering packs

Improving speed, control and visibility

We want to ensure our customers get the best value out of their products, so we provide you with your own Product Engineering packs. If you subscribe to this service, these easy to use manuals guide you through the entire manufacturing process of your product, focusing on cost, manufacturability, quality, performance and reliability; all vital when taking a product to market.

At each stage of the products development cycle, and as it is refined, an updated data pack will be sent to the customer with the latest build report included. The result is complete certainty that you have a risk free productionised product with guaranteed quality and longevity.

In offering these packs our aim is to revolutionise the way electronic manufacturing companies work by ensuring you have the information you need to be fully in control of your products as well as giving you complete confidence in our capabilities.

Company culture

Jaltek are committed to providing equal opportunities through all areas of our business and pride ourselves in our employees being as diverse as the products we help to create.

We actively encourage and drive the development of our employees and when it comes to our people, we stand apart from our competitors by not recruiting solely on the basis of an individual's intellect, capability and experience.

“One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man.”

- Elbert Hubbard

Key attributes also include passion for the role, commitment to moving in the same direction as the business and a willingness to put their head above the parapet for the good of the business.

Our key values

Jaltek's shared values encompass 3 key attributes which are instilled within our business model and ensure the consideration of all stakeholders:

- A passion for customer excellence throughout both internal and external supply chains ensures a commitment to quality and open communications to maintain and promote ownership and accountability.
- Jaltek instil a sense of unity through a leadership style that encourages a culture of continuous people and process development in an environment of synergy, transparency and integrity.
- Jaltek continues to challenge the electronic manufacturing services status quo through its innovative approach to traditional design and manufacturing practices to maintain competitive advantage with cutting edge technical excellence.

Our customers





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