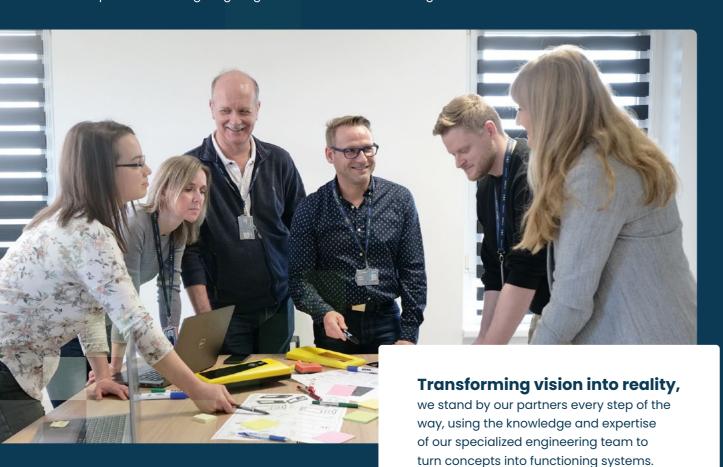


Research, development, design, manufacture and integration of electronic systems **COMPLEX R&D SOLUTIONS** ■ HARDWARE ■ SOFTWARE ■ SYSTEM

Innovation is our true passion

HC Linear Ltd., established in 1990, has been a hub for pioneering electronical and software R&D solutions.

Our versatile team specializes in creating tailor-made software, hardware, data analytics, and services, addressing both unique and common industrial needs. From startup demands to the requirements of large and multinational companies, we cater to diverse requirements. At the heart of our mission lies the pursuit of cutting-edge digital solutions for the challenges of tomorrow.



Feasibility Assessment & How we work

Requirement Management We evaluate project feasibility and provide assistance in blueprinting,

documenting, analyzing, and prioritizing requirements to ensure

smooth development processes.

01

Project Management

Sustainability

Management

05

Support **Services**

Our commitment doesn't end with the sale. From round-the-clock operations to ongoing maintenance and future enhancements, count on us for comprehensive customer care and support services.

Electronic Development

Our expert engineering team utilizes cutting-edge design tools to develop broad range from system designs to custom printed circuit boards (PCB), ensuring the highest quality standards.

Manufacturing

With our in-house production capabilities, we strictly maintain control over the entire development and manufacturing process, to

Certification **Management**

06

07

ensure high quality parts and comprehensive supervision.

Mechanical **Development**

Our engineers leverage the latest 3D CAD/CAM design software to develop every aspect of your product, from enclosures to mounting elements, guaranteeing professional engineering throughout.

System Integration

Our comprehensive approach accelerates the integration of diverse system components and subsystems into an optimal solution.

Software Development

03

02

We specialize in delivering comprehensive end-to-end (E2E) software solutions developed specifically for industrial environments, ensuring robustness, efficiency, and future readiness

We provide services tailored to individual tasks as well as support for the holistic process, ensuring comprehensive assistance at every stage.

Your challenge is our expertise!



04

Everyone knew it was impossible, until a fool who didn't know came along and did it.

Albert Einstein

Electronic development



Low Voltage Electronic Solutions

We have over 30 years of experience in a wide range of low-voltage electronics design for industrial sectors. This ensures that we are able to create electronics from system design to custom printed circuit board (PCB layout), providing solutions for your challenges in the digital world. We guarantee top quality with minimum energy consumption and maximum performance.



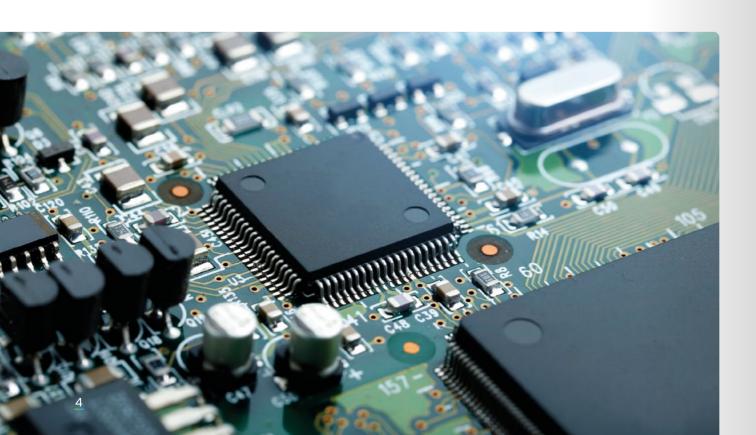
Customized PCB Design & Manufacturing

Reliable design, PCB assembly and manufacturing, which is backed up by rigorous and detailed testing and the preparation of measurement reports in accordance with standards. Our personalised approach puts your needs first, focusing on factors such as sustainability, cost, manufacturability, testability, repairability and assembly to ensure optimal development results.



Certification and Sustainability

We conduct developments to meet the expected sector regulations and qualifications. We manage the entire accreditation process, ensuring that the necessary certifications are available and that compliance meets specific industrial standards, while we are always focusing on the green planet. We prioritize the software upgradability of our devices, thereby minimizing electronic waste.







Engineering Excellence

Our engineers are designing, creating, and refining mechanical enclosures, components, or devices whether they are alu, sheet metal, glass or plastic parts. It involves various stages such as conceptualization, design, prototyping, testing, and manufacturing, with the goal of producing functional and efficient mechanical solutions to address specific needs and challenges.



Prototype Perfection

We conduct thorough testing to verify the functionality, performance, and compliance of developed systems and components. Employing advanced 3D printing technology and, if needed, reverse engineering, we build on your vision with precision and accuracy, ensuring your product meets the highest standards prior to serial production.



Quality You Can Trust

At the forefront of our priorities is quality, as we leverage dependable materials and established supplier relationships to furnish products renowned for their durability and performance. Ensuring that trust is not just a word but a promise upheld with each interaction. We understand that trust is earned through transparency, reliability, and consistency.

COMPLEX R&D SOLUTIONS = HARDWARE = SOFTWARE = SYSTEM

Software development

At HC Linear, we excel in delivering end-to-end (E2E) software solutions customized for industrial environments. With a focus on innovation, reliability and scalability, we ensure that your software solution is not only robust and efficient but also future-proof, ready to adapt to the evolving demands of your industry.

Our expertise covers a diverse range of software solutions, including

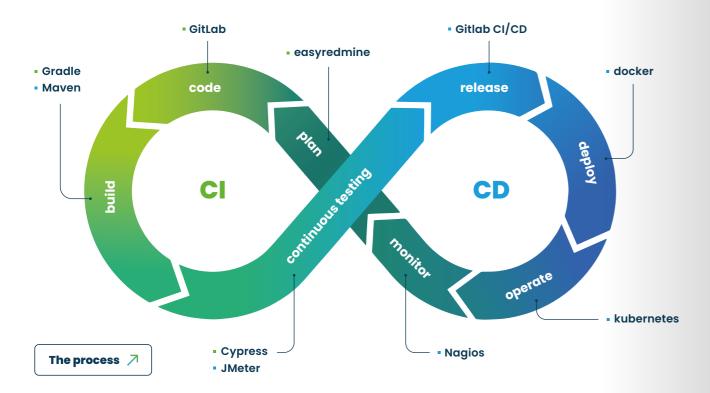
- data analytics
- mobile applications
- web applications
- cloud based solutions



Agile Software Solutions

At HC Linear, we prioritize agility, fostering seamless collaboration with clients to swiftly iterate and deliver top-tier software solutions. We leverage our expertise in machine learning (ML) and artificial intelligence (AI)

to enhance our IT solutions. Additionally, we employ automated testing to ensure testing occurs faster and more efficiently.

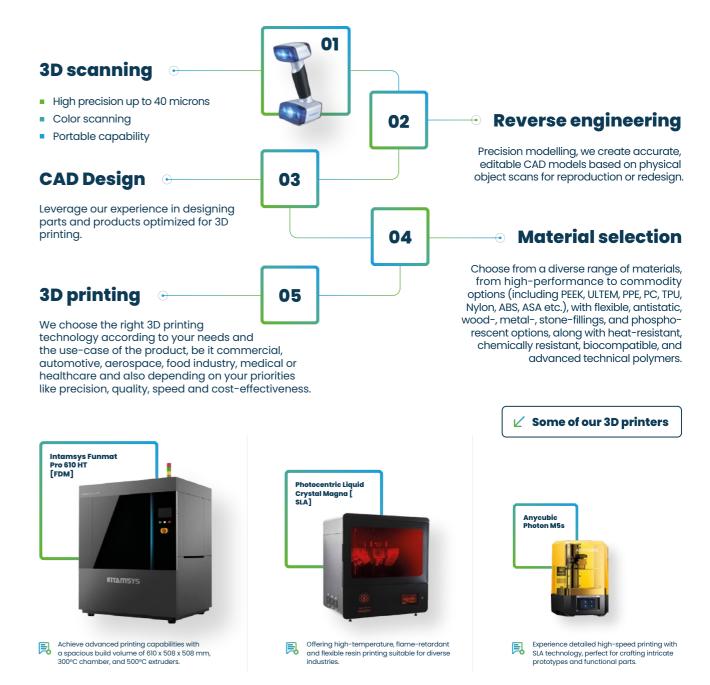


3D Printing & Scanning



Turning your concept into reality? Look no further!

Our complex solutions, ranging from 3D modelling to scanning and from commercial to industrial 3D printing, are tailored to your vision. With diverse materials and extensive expertise, we serve projects across all industries. Partner with us to bring your ideas to life using our advanced 3D machinery park.



Electronic Manufacturing

We provide our customers with efficient, fast and quality solutions, from prototype development to series production, with complete control over the final product!

Our state-of-the-art facility features automated SMT production lines and THT assembly capabilities for quick, flexible product changes. Automated optical inspection technology detects production errors, while safety testing ensures compliance with industry standards.

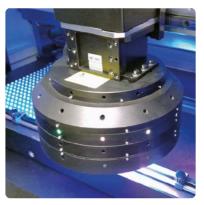
Our team's expertise and commitment to excellence ensures worry-free operation and unmatched reliability in every product.















Electronic manufacturing process









Procurement

(\$)

We leverage dependable materials and established supplier relationships to furnish products renowned for their durability and performance.

Traceability

Components, assemblies and systems are managed with serial numbers, and production is ERP documented. The structured data is available for production analyses.

SMT

Fully automated in-line SMT production line, multifunctional pick & place machine, even for large panels and special parts, enabling fast and flexible product changeover.

THT

We provide machine and hand soldering of THT components. Through-hole technology, or THT, refers to a mounting technique for wired electronic components.

Testing

With automated optical inspection (AOI), errors in production can be identified using image processing and also using an in-circuit tester (ICT).

Assembly

Let's transform your ideas into reality!

After the assembly of the devices, we conduct functional, safety and environmental tests on the finished products before packaging and delivery.

Design, development, production and support in one hand



more than 30 years expertise



1000 + more than 1000 products developed



2000 m² + r&d on over 2000 square metres



3 million + used by more than 3 million people per day



















What we are proud of

We are proud of our commitment to innovation and excellence, constantly pushing boundaries to deliver cutting-edge solutions while ensuring quality to exceed expectations and set new standards.











Our values



Complexity

From feasibility to working products, we offer seamless R&D solutions with in-house production.



Experience

Benefit from over 30 years of expertise and skilled teams delivering professional engineering.



Efficiency

Our specialization in end-to-end solutions ensures durability and value across various industries.



Sustainability

We care deeply about our planet and the future. We place a strong emphasis on sustainable electronic solutions.



Commitment

Our dedication extends beyond sales, focusing on client satisfaction and collaborative growth.



Support

Enjoy round-the-clock operations, maintenance, and enhancements for optimal performance.

