

Expertise:

**KIDLINGTON:
SETTING THE
STANDARD IN
COMPONENT
MANUFACTURING**

Global reach, LOCAL EXPERTISE

Essentra Components is a globally recognised provider of essential industrial components, specialising in plastic injection moulding, vinyl dip moulding, and metal part manufacturing. We serve a broad range of industries by delivering high-quality components. Whether you're developing a prototype or require a fully tailored solution, we're with you at every stage. With 14 manufacturing facilities, 24 distribution centres, and 33 sales and service locations worldwide, we deliver fast, dependable support wherever you need it.

Our global network is anchored by our headquarters in Kidlington, Oxfordshire. The same place where our journey began in 1955 under the name Moss. What began as a local operation has grown into a global network, with manufacturing capabilities and technical expertise that now span 28 countries across 4 continents.



60
MILLION PARTS
produced
each week

Over
2
BILLION
parts in
stock

14
MANUFACTURING
facilities

24
DISTRIBUTION
centres

4
R&D
centres

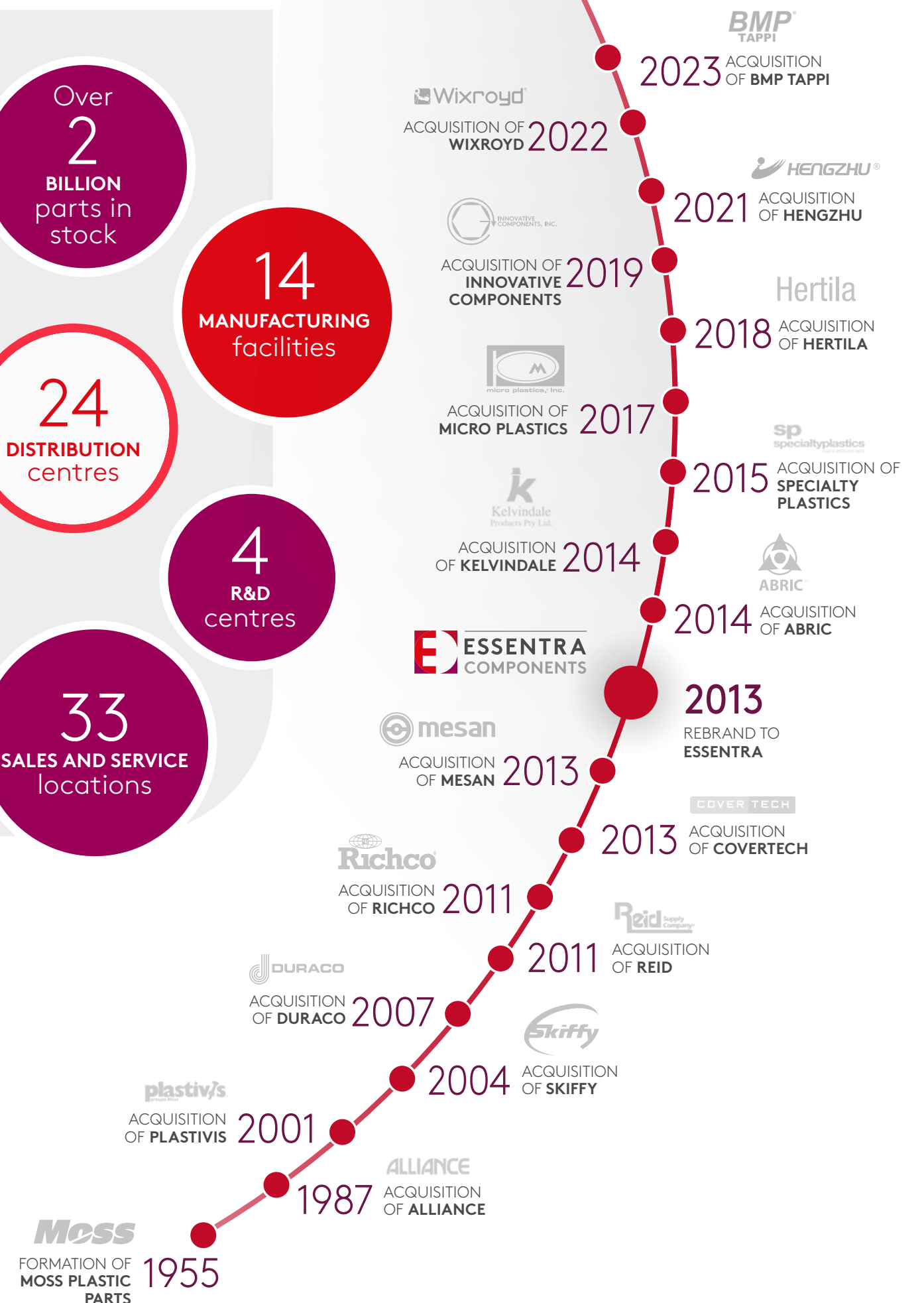
33
SALES AND SERVICE
locations

Operations
in **28**
COUNTRIES worldwide

70+
YEARS solving
customer challenges

Over
60,000
PRODUCTS available

Same day
DISPATCH





Spotlight on KIDLINGTON

Essentra's global headquarters is located in Kidlington, serving as a central hub within our international network. As one of four key manufacturing sites supporting the EMEA region, the facility specialises in dip and injection moulding and is home to a highly skilled team of approx. 300 employees, driving innovation and manufacturing excellence.

Equipped with state-of-the-art machinery, the site continually invests in cutting-edge technologies to enhance precision, efficiency, and innovation across its operations.

Essentra Components received a gold medal from EcoVadis in 2025, recognising our sustainability achievements. This places us among the top 2% of plastic product manufacturers and top 1% for environmental performance. Our commitment to sustainability means our entire Kidlington manufacturing process runs on 100% renewable electricity. In 2025, we further advanced this by installing solar panels and EV charging facilities on site.

Driving more sustainable innovation from Kidlington

Kidlington's Centre of Excellence marks a significant step forward in Essentra's mission to develop more sustainable component solutions for customers around the world. This dedicated hub is driving research and development into new materials and smarter manufacturing methods that reduce environmental impact and support circularity.

At Essentra, our goal is to be the world's leading, responsible and hassle-free supplier of essential industrial components.

Recycled content is used as standard in a range of over 7,000 of our products worldwide and many of our new general protection ranges are available in recycled materials.

Our promises:

- Achieve **net-zero emissions** from direct operations by **2040**
- Ensure **100% raw materials** from sustainable sources by **2030** for our general protection ranges
- Attain **Zero Waste** to Landfill certification by **2030** at the latest



Our Centre of Excellence also serves as a hub for training and developing new staff, as well as nurturing the next generation of engineers. The centre hosts an industry-certified injection moulding training programme and supports both setter apprentices and engineering apprentices currently in training on site. In an industry facing a well-documented skills gap and an ageing workforce, this investment in hands-on, future-focused development sets Kidlington apart in our commitment to the future of engineering.



DELIVERING manufacturing excellence

Our Kidlington site plays a central role in Essentra’s global operations, bringing together technical know how and high-volume output. On average, we produce 17.25 million parts each week, supported by over 10,000 tools and inserts on site.

Injection moulding

- 109 injection moulding machines, ranging from 15 to 120 tonnes, including:
 - 5 all-electric machines, which are around 33% more energy efficient cycle to cycle compared to hydraulic
 - 15 Servo Drive machines, delivering about 25% energy savings
 - 89 fully hydraulic machines

Kidlington is also home to our Injection Moulding Centre of Excellence, which features:

- 2 dedicated 50-tonne machines – one all-electric and one Servo Drive
- Facilities for MFI testing, moisture testing, and metrology

Dip moulding

Kidlington is home to two dip moulding machines, each with eight arms, so that both can produce eight different products simultaneously.

- Dip moulding contributes around 1.1 million parts per week to our total output

Smart manufacturing and real-time optimisation

Mattec MES system tracks Overall Equipment Efficiency (OEE) in real time, helping us optimise planning, reduce downtime, and boost output. Our injection moulding machines are also remotely connected to the manufacturer for live diagnostics and fault-finding.

Materials and in-house recycling

We process a wide range of materials on site, including:

- LDPE (containing either 50% or 98% recycled content, depending on the application)
- PVC, TPR, POM, PA6, PA66, PA6 & PA66 GF, PPA, PC, PP, HD/PE, ABS, EVA

Thanks to in-house reprocessing, we maximise the reutilisation of PVC and LDPE process scrap, minimising waste wherever possible. In 2024, this enabled us to reuse over 50 tonnes of material, cutting costs, waste, and emissions tied to material transport.

Secondary operations

- Assembly of components
- Sub-packing into smaller quantities using four bespoke packaging machines, all operating with recycled-content materials.



Recycled content product certification for **4,000 PARTS** made on site



Responsible, reliable, **HASSLE FREE**

Our dedicated UK Business Development and Customer Service teams are at the heart of everything we do. Based in Jarrow in the Northeast of England, they truly understand local business demands, expectations, and operational pace.

When it comes to components, they speak your language, bringing you deep product knowledge and industry insight. From advising on part selection, to offering free CAD drawings and samples for most solutions, they're your go-to experts. And when it comes to managing lead times and logistical challenges, our team will do everything possible to keep your project on track.

We're proud to be a trusted partner to many of the world's leading manufacturers — both global and local — and our ISO 9001 accreditation reflects the quality and consistency we deliver every day.

We know components are often a small part of a bigger picture — but they can cause costly delays if something goes wrong. That's why our team is here to anticipate challenges, streamline communication, and ensure nothing gets held up along the way.

With Essentra, support isn't just close by. It's informed, experienced, and ready to help.

We average
over 3,000
UK customer
interactions
every month



"From concept to production, Essentra was able to smoothly manage all project requirements to come up with the perfect solution."

— Bob Siegwald, Burgaflex Executive Vice President

"Essentra's reliable deliveries and custom hardware solutions have streamlined our production process, eliminating downtime and saving us both time and money."

— Nick Tuckwell – Manufacturing Manager, IET

"Our relationship with Essentra has been going from strength to strength for 10+ years."

— Adil Işıldak, Chairman of the Board, Albert Genau

"Essentra Components jumped into action with advice on how we could achieve sustainability and provided samples and other resources. The fact that the solution was off-the-shelf proved invaluable in enabling us to work without interruptions."

— Alan Webb, Company Secretary and Director – Ircroft

"From 3D CAD drawings to ordering free samples and technical advice, Essentra were able to support our project with a quality solution that met our needs, saving us time in procurement."

— Frank Zhao/赵金悦, Purchasing Manager, Parker

More choice, ALL IN ONE PLACE

From protection and access hardware to fasteners, electronics, and machine & automation components, our range covers it all. With over 2 billion parts in stock, we make it easy to find what you need and keep your project on track.

Looking for something specific? Our in-house engineers can work with you to develop custom solutions, offering expert support across design, prototyping, and full-scale production.



Our solutions



Protection

- Caps & Plugs
- High-Temperature Masking
- Hose Protection
- Pipe & Flange Protection
- Security Seals & Transit Protection
- Tube Plugs, Inserts & Glides



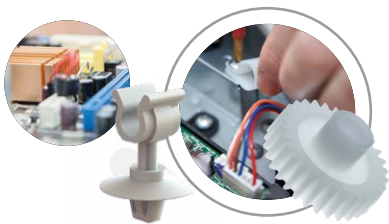
Access Hardware

- Latches & Locks
- Gaskets & Seals
- Hinges



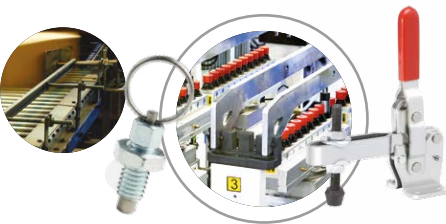
Fasteners

- Nuts & Washers
- Rods & Screws
- Rivets & Panel Fastening
- Spacers & Standoffs
- Point of Sale



Electronics

- PCB Hardware
- Cable Management
- Cable Ties & Clips
- Fibre Management
- Motion Control & Power Transmission



Machine & Automation Hardware

- Motion Control
- Workholding
- Feet, Castors & Glides
- Handles, Grips & Knobs
- Clamping Handles & Indexing Levers
- Handwheels & Cranks
- Industrial Pins, Plungers & Lanyards

Over
13,000
standard products
ready for dispatch

**2,500
- 3,000**
order lines
dispatched
every week



Fast, local, sustainable: DISTRIBUTION THAT DELIVERS



Our Kidlington site is a key part of the Essentra supply chain, serving as both a major manufacturing hub and a fully integrated distribution centre. For our UK customers, this means fast, reliable delivery from stock held close to home – helping to reduce lead times and keep projects on track.

We maintain a strong UK stockholding, giving customers quick access to thousands of essential components without relying on long-distance shipments.

We've already taken a further step toward sustainability by switching all outbound packaging from Kidlington to paper-based alternatives. These use recycled content and are widely recyclable, supporting both our own and our customers' environmental goals.

Making it possible **STARTS WITH MAKING IT EASY**

For us, it's about solving problems, building relationships, and keeping your project moving. Friendly, knowledgeable, and focused on getting it right, we're here to support you from first conversation to final delivery.

FIND OUT MORE TODAY.

Ready to talk?

Call **0345 528 0474** or email us at
sales@essentracomponents.co.uk



Free samples



Free CADs



Manufactured
in Europe



Local expertise



Custom solutions
available