

4 European Solution Providers. 1 Connected Experience. At EFX 2026

Essemtec Joins Forces with Inventec Performance Chemicals, Kübler-HT and Paggen to Create an End-to-End Electronics Manufacturing Experience

What if a trade show booth became a real manufacturing environment?

At EFX 2026 in Stuttgart, Essemtec is joining forces with **Inventec Performance Chemicals, Kübler-HT and Paggen** to create a unique, immersive experience that goes beyond the traditional trade show format.

Under the theme “**4 European Solution Providers. 1 Connected Experience.**”, the four partners will bring together complementary solutions, technologies and expertise to demonstrate an **end-to-end electronics manufacturing experience** – from incoming materials and production preparation to assembly, inspection, reflow and a finished product.

4 europäische Lösungsanbieter. 1 vernetztes Erlebnis. 4 European Solution Providers. 1 Connected Experience.



Die Zukunft der Elektronikfertigung
auf der EFX 2026 live erleben.

Innovativ. Transformativ. Einen Schritt voraus.

Shaping the Future of Electronics Manufacturing
Live at EFX 2026.

Innovative. Transformative. One Step ahead.

Experience the complete production journey

Visitors will be able to step into a live production environment and experience each stage of the manufacturing process.

The journey begins with **Essemtec's Off-line Station**, where manufacturers can prepare production schedules, manage materials, prepare jobs with LED-guided picking and monitor key production indicators through integrated KPI monitoring.

From there, materials move through the production workflow with:

- **Arcadia's Galileo Incoming Station** for efficient incoming material handling
- **Arcadia's Archimede Gen2 Storage Rack** for smart and organized material storage
- **Essemtec's SPIDER**, demonstrating high-speed solder paste jetting combined with integrated 2D SPI
- **Essemtec's FOX Ultra All-in-One**, combining glue jetting, component mounting and 2D AOI
- **Horus 3D AOI powered by AI from DelviTech** for detailed inspection
- **Paggen's HR30 tabletop reflow oven** to complete the assembly process

Rather than demonstrating individual machines in isolation, the partners will show how the different technologies can work together as one connected production flow.

Visitors will be able to experience every step of the process and see the benefits of collaboration – from production preparation and material management through to a finished product. And because this is a real production process, visitors will not only see the result – they will receive a product manufactured directly on the line as a special souvenir.

Bringing materials and process technology together

The production line will be supported by **Inventec Performance Chemicals' ECOREL series solder pastes**, demonstrating the importance of combining material expertise with advanced equipment and process technology.

The cooperation between Essemtec and Inventec Performance Chemicals in **solder paste jetting development** will also be showcased live, illustrating how equipment and material development can work together to optimize the manufacturing process.

Visitors will also have the opportunity to explore **Essemtec's Tarantula Dual Lane**, equipped with the new **2K precision dispensing valves** for bi-component fluid applications, as well as high-speed solder paste jetting and glue dispensing capabilities.

Alongside the production line, visitors can discover further solutions from **Inventec Performance Chemicals** and **Paggen's tabletop equipment**, extending the range of technologies available for different manufacturing requirements.

One connected experience. Multiple manufacturing possibilities.

The concept demonstrates that modern electronics manufacturing is not about a single machine or process. It is about connecting the right technologies, materials, software

and expertise to create a production environment adapted to specific manufacturing needs.

From **prototyping and small-batch manufacturing to high-mix, flexible SMT production**, visitors can explore solutions for different production scenarios and discuss their individual challenges directly with the experts.

“We wanted to create more than a booth. We wanted visitors to experience what happens when complementary technologies, materials and expertise come together around a real manufacturing process. By connecting the different steps of production, we can demonstrate the value of collaboration and give visitors a tangible experience of what a modern, flexible manufacturing environment can look like.”

Marc Nikutowski, Director Sales EMEA, Essentec

At EFX, the four partners are bringing together everything from material management and production preparation to jetting, placement, inspection and reflow – creating a connected experience where visitors can see the complete journey and interact with the experts behind each solution.



Everything you need for modern manufacturing. Connected in one experience.

Meet us at EFX 2026

The joint experience will be presented at **EFX 2026 in Stuttgart, Hall 9, Stand 9B60.**

Visitors can register using the code **EFX2026ESSEMTEC** to receive their complimentary ticket: [EFX Registration](#)

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