

Take Advantage of One of Most Productive Technologies

From inside a pet's ear to a yogurt cup, from bandages to light bulbs — electronic circuitry is simply everywhere. Thanks to advances in material and manufacturing processes, designers can add interactivity, connectivity, power, sensing, and trackability to virtually any item, regardless of whether it's made of plastic, paper, textiles, glass, polymers, or metal. Printed electronics — a low-cost additive manufacturing process — is one of the most productive emerging technologies, enabling rich feature sets in surprisingly varied products.

Add Powerful Functionality

Applying extensive printed electronics expertise, Jabil is a world leader in designing and manufacturing circuitry that adds powerful functionality to new, innovative concepts — and cost-effectively transitioning them into high-volume products. From packaging and wearable products to the smallest electronics, Jabil delivers best-in-class processes and materials matched expertly to specific product applications.

- Jabil packaging facilities can integrate printed electronics for brand protection and item tracking, using near-field communication-enabled labels that can store billions of possible data combinations. Smart packaging is a Jabil specialty, incorporating a variety of different electronic features such as touch sensors and temperature trackers.
- Jabil uses printed electronics to manufacture wearable devices and e-textiles. These products can include biosensors and connectivity to report activity, heart rates, and other data. Innovative inks and substrates enable both increased miniaturization and better electronic performance.
- Jabil's legacy of rigid printed circuit board experience — over 50 years — is the basis of its skills with new-generations of flexible, super-thin, printed circuitry. Integrating multiple technologies while designing for high-volume manufacturability, Jabil enables smaller, less-expensive, next-generation electronics that get to market quickly.



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For product designers, our printed electronics capabilities open the creative doors, letting them add breakthrough functionality in seemingly impossible ways and places. For procurement agents, Jabil has the manufacturing and supply chain experience — and the global footprint — to deliver reliable product on-time, close-to-market, and at the lowest landed cost.

Learn about all Jabil design, engineering, manufacturing, packaging, and supply chain capabilities at www.Jabil.com.