Impact of Printed Electronics on the Automotive Industry

NovaCentrix applies advances in electrical materials and processing to enable new options for vehicle design and function. PulseForge® tools utilize photonic curing which is a cutting edge technology that dries, sinters, and anneals functional inks in milliseconds on low-temperature, flexible substrates such as paper and plastic. Our Metalon® conductive inks capitalize on advanced materials and formulation to provide conductivity options for additive manufacturing of printed electronics with stretchable, solderable, resistive, and magnetic qualities.

HOW CAN PRINTED ELECTRONICS TECHNOLOGIES ADVANCE AUTOMOTIVE CAPABILITIES?

• Reduce supply chain complexity, improve manufacturability, and reduce material costs through simplified electrical components.
• Combine curved aesthetic design with functionality, such as merging printed, flexible sensors or lighting with panels and other surfaces.
• Create differentiated and individualized consumer experiences through advanced design concepts.

Contact NovaCentrix for more information.