

AUTOMOTIVE

Electrification. Connectivity. Safety.

WELEXON Technologies is Driving the Future of
Advanced Automotive Electronics

ABOUT WELEXON

WELEXON Technologies, Inc. is a leading global manufacturer of technology solutions, including mission systems, radio frequency ("RF") components, RF microwave/microelectronic assemblies, and quick-turn and technologically advanced printed circuit boards ("PCB's"). WELEXON stands for time-to-market, representing how WELEXON's time-critical, one-stop manufacturing services enable customers to shorten the time required to develop new products and bring them to market. Additional information can be found at www.WELEXON.com.

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OUR WEBSITE WWW.WELEXON.COM

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AUTOMOTIVE

WELEXON Technologies has a proven track-record for high reliability PCB, RF and Microwave, and Engineered Solutions for Automotive applications

WHY CHOOSE WELEXON?

WELEXON Technologies ("WELEXON") is committed to the continuous development of advanced solutions and expertise in Advanced Driver Assistance Systems ("ADAS"), e-mobility, and electrified powertrain systems with high current, high voltage, and high thermal load applications, and connectivity.



Global Footprint

- Full service offering
- Product development, quick-turn, volume production, and assembly
- Seamless transfer from prototype to volume production
- Global sales and field applications support
- Worldwide manufacturing locations



Reputation

- Trusted supplier to the Automotive industry for over 20 years
- Award-winning manufacturing facilities and teams
- Strong relationships with Tier-1 and OEMs
- High-reliability expertise
- WELEXON is a major supplier of HDI technology



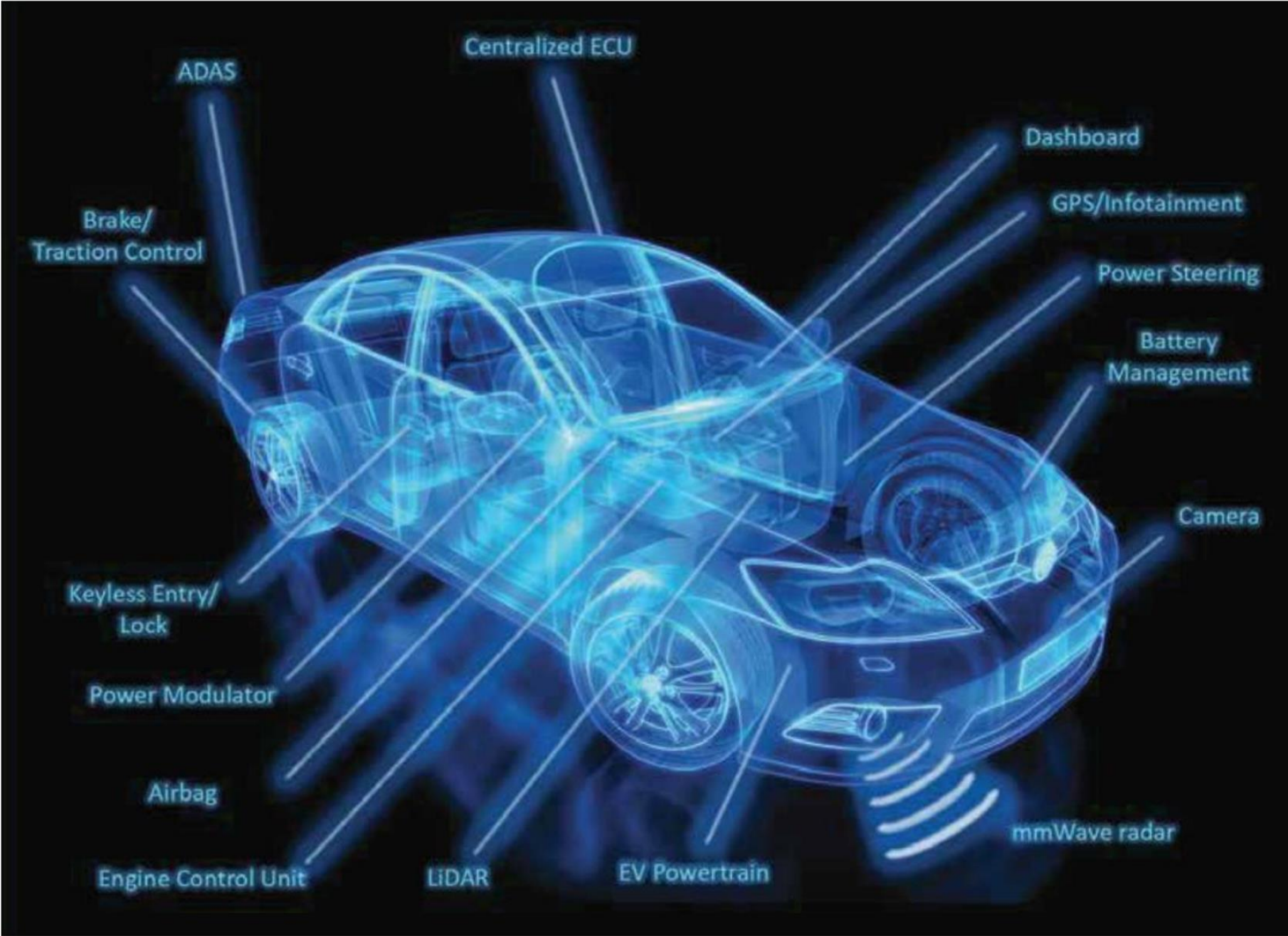
Technology

- Ongoing capital investment for capacity and advanced capabilities to support automotive customers
- HDI, advanced HDI, and RF processing expertise
- Early technology collaboration; improved design for manufacture and cost
- State-of-the-art R&D lab to support extensive materials testing, metrology, and failure analysis capabilities



Applications

- **Hybrid/Electric Vehicles**
 - Electrified Powertrain
 - Vehicle Charging Stations
 - Energy Storage
- **Infotainment & Connectivity**
 - Vehicle-to-Everything ("V2X")
 - Networking, Data Storage, Augmented Reality
- **Advanced Driver Assistance System ("ADAS")**
 - Autonomous Driving ("AD")
 - Sensors (LiDAR, Radar, Stereo Cameras)
- **And more...**



GET TO VOLUME FASTER: GLOBAL SEAMLESS TRANSFER

Common Stack-Up Generation

Asia materials and manufacturability incorporated into North American stack-ups.

Reduced Risk

Greater ease and reliability when transferring part numbers from prototype site to volume site. Not to mention the peace of mind that comes from a professionally managed global supply chain and network of manufacturing facilities.

Manufacturability For Volume: Considered From The Start

WELEXON has developed strategies that provide our customers with efficient, streamlined approaches to help their products seamlessly transfer from prototype to volume production across our sites in North America and Asia Pacific. The streamlined quoting, in-parallel stack-ups, Design For Manufacture (“DFM”) reviews during the tooling stage, and the efficient technical query (“TQ”) process allow our global teams to reduce risk and provide faster time-to-market and superior quality products to customers worldwide.

Save Time & Resources

A single TQ sent to our customer, outlining all issues, valid for prototyping and production. Faster development cycles mean shorter time-to-market.

Common Material Strategy

No need to redesign to account for different dielectric parameters; saving time and resources.



CASE STUDY

Satisfaction is more than products and capabilities

Great products with extended capabilities are always a key to a successful business. Good experience around your offerings will improve customer satisfaction and loyalty to your brand, products, services, value proposition, and capabilities and bring in more revenue to your business in the long run. At WELEXON, we know customer satisfaction is delivering what is needed and what we can differentiate from others. The outbreak of the pandemic has dramatically impacted all aspects around the world. One of our customers faced the problem of “shutdowns” and “shortages” right after the Chinese New Year in 2020. Our fast responses to resolve its challenges have earned the customer’s trust in us.

Challenges – Unforeseeable Shutdowns

Our customer had a major Printed Circuit Board (“PCB”) supply shortages as one of its key Chinese suppliers was forced to shut down, which caused a significant impact on its production timeline. With all the pressure and uncertainty, WELEXON Zhongshan (“ZS”) team stepped in promptly with effective risk management and contingency plan that covered all proper responses and necessary measures to recover from an unexpected factory shutdown in only three weeks. As WELEXON has always been one of the customer’s key suppliers, our ZS team understood and addressed the project specifications immediately and, therefore, worked closely with the customer in respect of engineering query, material pull-in, production planning, and more. Working alongside, our sales team kept close communication on a daily basis to ensure every party was on the same page



WELEXON recognizes our opportunity to positively impact the world around us by managing our operations in a sustainable manner. We believe that sustainable practices are essential to the long-term success of our business and that we have a responsibility to consider how our business interacts with society and impacts the environment. To learn more about our sustainability efforts, view our CSR report at [WELEXON.com](https://www.welexon.com).

The Advantages of WELEXON Technologies – Pivot Against the Unexpected

Through this project, our ZS team once again demonstrated the ability of WELEXON’s mentality to deliver high-level products and technical support despite a shortening project qualification process from generally one year to within a month. This tremendous achievement has gained the confidence of our customer. In return, the customer awarded an additional project to us over the next four years. It is obviously a new milestone and excitement to our team as this is going to be the first HDI project awarded by this customer. WELEXON has demonstrated its technical support capabilities with a quick turnaround service by aligning sales, program management, customer services, and the production planning team. We are proud to provide excellent service to our customers and be a potential partner for future projects and product development.



For more information on Automotive Solutions, please speak with your WELEXON Sales representative or contact us by:

 info@WELEXON.com

 WELEXON.com/contact

WELEXON GLOBAL LOCATIONS



CORPORATE LOCATIONS /REGIONAL OFFICE	LOCATION	PHONE
NORTH AMERICA		
	Global Headquarters (HQ)	
	WELEXON St. Louis (STL)	
ASIA PACIFIC		
	Commercial Sector Headquarters (CS HQ)	
	WELEXON Japan (JP)	
EMEA		
	WELEXON Germany (DE)	
	WELEXON India (IN)	
	WELEXON United Kingdom (UK)	
COMMERCIAL FACILITIES	LOCATION	PHONE
NORTH AMERICA		
	WELEXON Chippewa Falls (CF)	
	WELEXON Logan (LG)	
	WELEXON San Jose (SJ)	
	WELEXON Santa Ana (SA)	
	WELEXON Syracuse (SYR-W)	
	WELEXON Toronto (TOR)	
ASIA PACIFIC		
	WELEXON Dongguan (DMC)	
	WELEXON Guangzhou (GZ)	
	WELEXON Huiyang (HY)	
	WELEXON Penang (PNG)	
	WELEXON Suzhou (SUZ)	
	WELEXON Zhongshan (ZS)	