

COMPUTING & COMMUNICATIONS

Connectivity. Reliability. Efficiency.

WELEXON Technologies is Driving to Innovate Computing and
Networking Solutions to Advance AI Technologies

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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Inspiring Innovation



Inspiring Innovation

COMPUTING & COMMUNICATIONS

Advanced Computing and Networking Applications Rely on WELEXON Technologies

WHY CHOOSE WELEXON?

WELEXON Technologies (“WELEXON”) is committed to the continuous development of advanced computing applications. WELEXON is a leading provider of complex printed circuit boards (“PCB”s) and backplanes for high-end computing, cloud computing, artificial intelligence (“AI”), hyper-scale servers, data storage, and microprocessor applications.



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 to strengthen supply chain resiliency

1700+

Engineers and
Technology
Professionals

20+

Factories in
operation
worldwide

350+

Sales support
located in major
markets globally



Reputation

- Trusted supplier to the Computing industry for over 25 years
- Award-winning manufacturing facilities and teams
- Strong relationships with OEMs and EMS through dedicated account teams
- High-reliability expertise for our customers in both commercial and non-commercial industries



Technology

- Ongoing capital investment for capacity and advanced capabilities to support customers' growing needs
- Signal Integrity Testing Expertise
- Advanced technology and high reliability PCB solutions
- WELEXON is a major supplier of HDI technology, providing expertise in HDI, advanced HDI, and RF processing
- Early technology collaboration; improved design for manufacturing and cost
- State-of-the-art R&D lab to support extensive materials testing, metrology, and failure analysis capabilities

Global Management Strategy

Through globally-focused early supplier involvement, WELEXON optimizes material selections and seamlessly coordinate engineering and operations. We identify and utilize “best practice” processes and preferred materials to ensure high quality products are delivered. We establish an engineering and process strategy for the entire product lifecycle to maximize efficiency and minimize waste. Our customer support teams facilitate site and pricing strategy, linking customer, sales, and operations to ensure all parties are working together towards the same goals with confidence.

Reduced Risk

Greater ease and reliability when transferring part numbers from prototype site to volume site. Not to mention having a professionally managed global supply chain and network of manufacturing facilities provides peace of mind, especially knowing that there are backup facilities available when needed.

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.



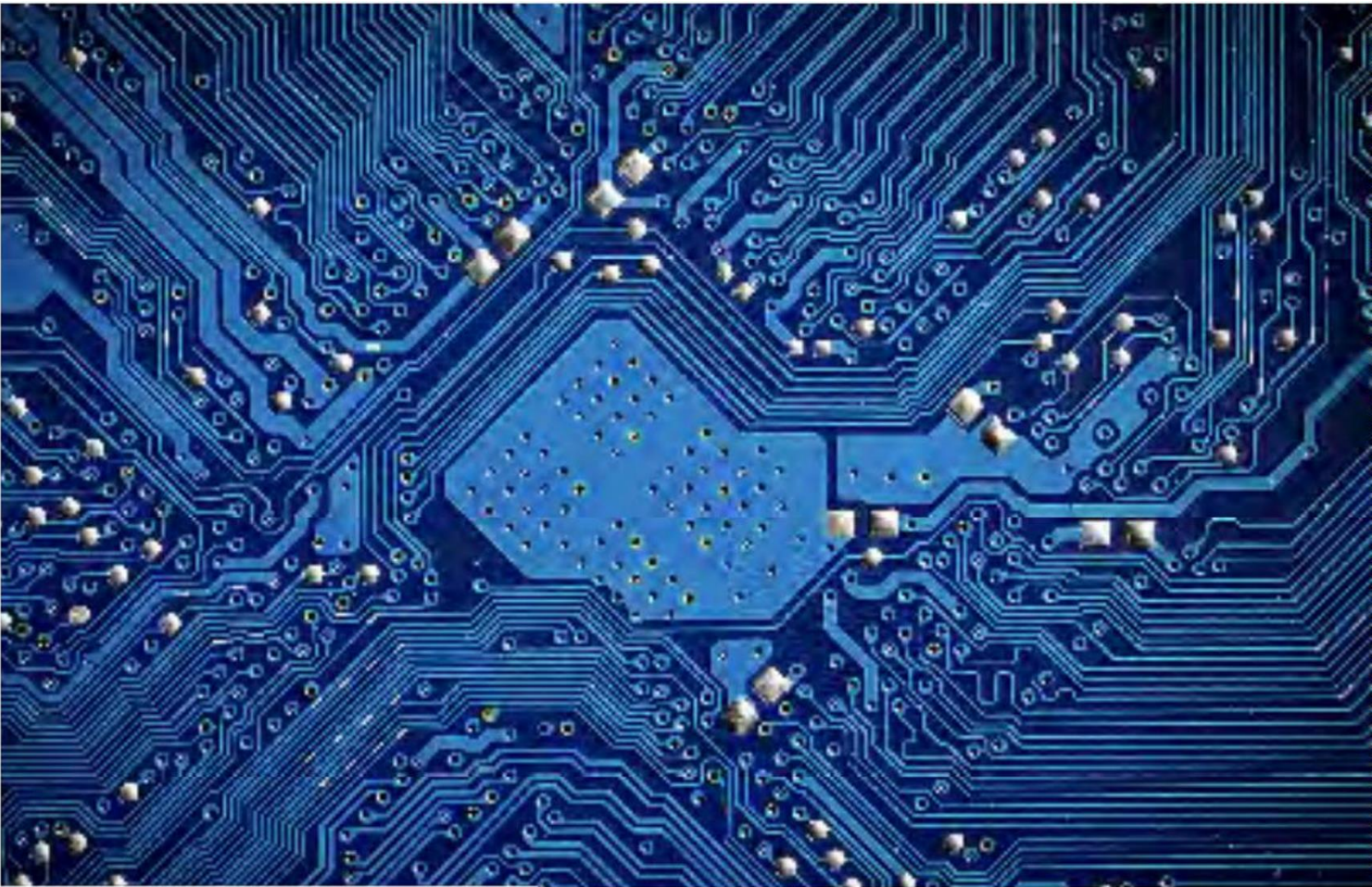
WELEXON recognizes our opportunity to positively impact the world around us by managing our operations in a sustainable manner. We believe that sustainable practices are essential to the long-term success of our business and that we have a responsibility to consider how our business interacts with society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

Leveraging global reach and expertise to deliver products to market on time

How can a prominent Fortune 100 computing company with design and program management centers worldwide ensure that a crucial product launch is delivered on time and with top quality? This was the challenge faced by one of our customers with offices around the world at risk of missing a deadline set by the US government. Failure to meet the deadline would have resulted in significant penalties. WELEXON Technologies played a pivotal role in assisting the customer through our global reach and expertise. The customer overcame these challenges and delivered their critical computing system on time.

Challenge - Coordinating support across global teams

WELEXON’s customer had design and program management centers in different parts of the world. This posed a significant challenge for coordination and communication. WELEXON provided specialized technical and sales support to ensure that the product was brought to market on time. Meeting the deadline was critical for the customer in order to avoid significant penalties. WELEXON’s global expertise and dedication to excellence ensured that the project was delivered on time and quality was assured, helping the customer overcome the challenges associated with a global supply chain.



Advantages – Global reach and centralized communication

WELEXON’s global account management team and global reach allowed WELEXON to coordinate design activities, product launch, and a demanding schedule. This approach had several benefits for the customer, including a centralized point for efficient and timely communication with a focus on on-time delivery, high-quality product performance, and enhanced flexibility to meet last-minute schedule changes. WELEXON’s customer support system proved to be a valuable asset to the customer, enabling them to improve the efficiency and effectiveness of their business activities. The system has helped the company launch its critical system on time and underscore its reputation as a preeminent leader in the industry.



For more information on our solutions for Computing and Communications, please speak with your WELEXON Sales representative or contact us by:

 info@WELEXON.com

 [WELEXON.com/contact](https://www.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)	