



Bringing Your Innovations To Life



Medical  
Interconnect Solutions  
& Value-Added Services



Edwards  
Lifesciences  
HemoSphere  
Monitor

Dilon Navigator  
2.0 Gamma  
Detection

## Interconnect & Manufacturing Solutions Since 1958

AirBorn's solutions are relied on by medical, defense, aerospace and industrial leaders to design and deliver products used in the most demanding environments. Through our innovative interconnect, engineering, manufacturing and supply chain expertise, we work with the world's leading healthcare companies to bring monitoring, diagnostic and therapeutic medical devices to market.

Our highly reliable connector, harness and cable assemblies are essential where the monitoring, diagnosis and treatment of patients is critical. Our medical grade solutions are designed to support non-invasive devices and disposable components. Our dependable solutions are highly customizable for specific applications, and are lightweight, high density, shielded, EMI resistant and RF compatible in addition to being resistant to shock and vibration.

We help our customers innovate, build and scale products globally through our engineering and Model-to-Market<sup>®</sup> capabilities that support a product at any stage in its lifecycle, from conceptual design and prototyping to new product introduction and mass production. AirBorn offers cable (including active optical and fiber optics), flexible circuit and printed circuit board assemblies (PCBA), and can fabricate complete chassis/box builds, power supplies and wiring harnesses. We often work with customers that want to leverage our solution design experience but we also provide manufacturing services for customers with designs already in-hand.

We're highly trained and well equipped to deliver the finest quality product each and every time. We understand the requirements of the medical industry, serving global leaders and start-ups alike. Our facilities use ISO 13485:2016 certified processes and specialize in the high-mix, low-volume demands of complex medical devices, ensuring the level of quality required in this life-saving and ever-evolving industry.

With all of our customer-centric services offered under one roof, we enable our customers competitiveness by reducing total landed cost and speed time to market. Interested in learning more? Inquire at [www.airborn.com](http://www.airborn.com).

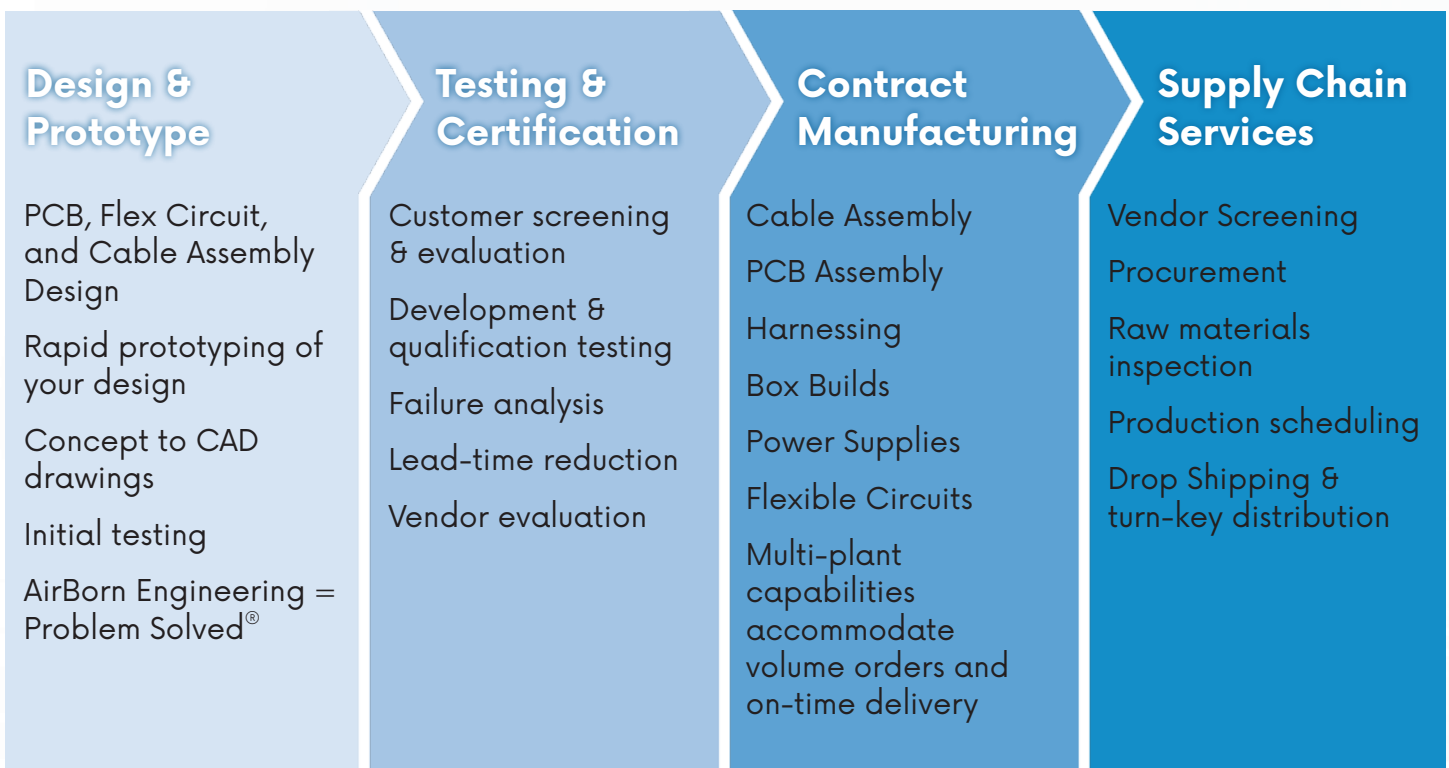


# Model to Market<sup>®</sup> Services

We help our customers innovate, build and scale products globally through our Model-to-Market<sup>®</sup> capabilities. Our engineers can take your napkin sketch and build a model that is scalable and ready for production. Or, if you already have technical drawings, our ISO 13485:2016 manufacturing facilities are ready to scale production.

AirBorn's engineering group specializes in new product design and development for customers across the globe. Our team of 50+ degreed engineers are committed to solving our customer's challenges, designing custom highly reliable connector, harness and cable assemblies to meet our customer's application requirements, offering quick-turn prototyping, testing and qualification through to mass production.

We use the phrase "value-added service" to describe our approach to providing our customers with a tailored solution. We often work with customers that want to leverage our design experience, but we also provide manufacturing services for customers with designs already in-hand. Our contract manufacturing service produces a variety of products including printed circuit boards, wire processing, cable assembly, harnessing, fiber optics, box builds and much more.



## AirBorn Quick Facts

- 10 manufacturing locations
- Sales teams in the US, Canada, UK, France, India & China
- 1,500+ total employees
- 292,400 total square feet of manufacturing space
- 26 distributors world wide





## Engineering & Lab Services

AirBorn employs 50+ degreed engineers to assist in development at all points along the product development cycle. AirBorn utilizes an A2LA accredited\* laboratory to test against the highest standards to ensure products we produce stand up to the rigors of medical applications. We analyze and measure component performance against temperature fluctuation, vibration, and shock testing. Unmatched quality is inherent in our components and assemblies that are all designed to withstand the continual usage of critical diagnostic and life-saving medical equipment.

When your goal is to design unmatched excellence, quality and reliability into your product — count on AirBorn's Model-to-Market® solutions to assure you have AirBorn quality in your end product.

- Contact Engagement & Separation Forces
- Contact Retention/Wire Retention
- Dielectric Withstanding Voltage (Sea Level & Altitude)
- Durability
- Insert Retention
- Insulation Resistance
- Low Signal Level Contact Resistance
- Mating & Unmating Force
- Resistance to Soldering Heat
- Shock
- Solderability
- Temperature Cycling
- Vibration
- X-Ray/CT imaging & inspection

\*Not all testing listed above is included in our A2LA Scope of Accreditation. Please consult A2LA Certificate #4132.01 for a list of accredited tests.





## High-Reliability Interconnects

Medical applications require the most high-performance and reliable connectors available; connectors that withstand around-the-clock usage while providing the unfailing accuracy that healthcare professionals and patients demand. At AirBorn, dependability begins where the pin and sockets meet: the contact system. Our contact systems utilize multiple contact points — a key differentiating factor between truly rugged and reliable connectors and less reliable, “commercial-grade” connectors.

### Styles & Configurations

We have a wide variety of form factors to choose from including rectangular, micro-D, nano-D, circular, interposers, and strip connectors. Multiple termination options are available for board, flex circuit, panel, and cable installations. Our wide range of body materials and mounting and mating hardware options allow customers to configure the exact connector for your design — over 100 million possible configurations!

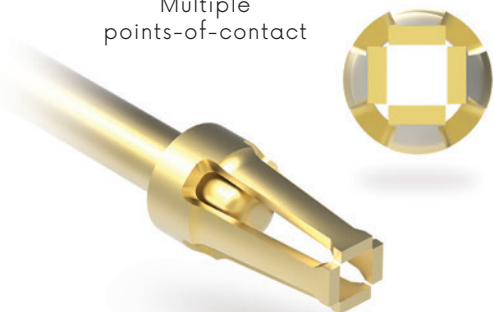
### High-Speed & Non-Magnetic for Superior Signal Integrity

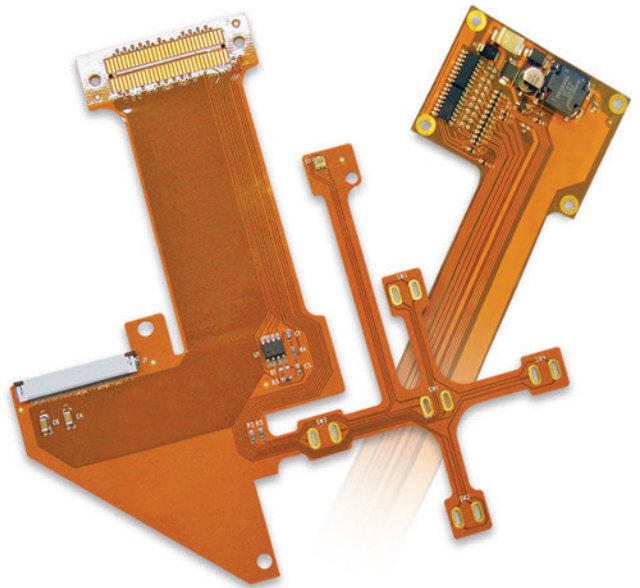
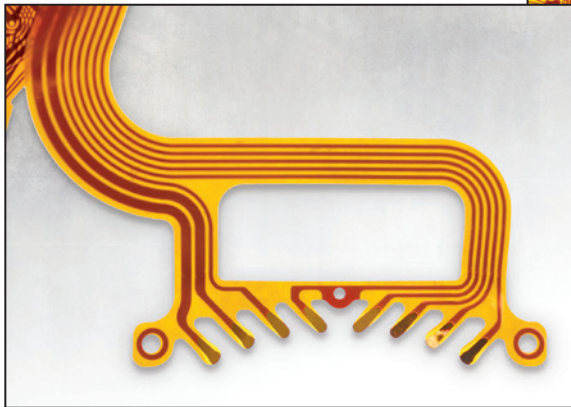
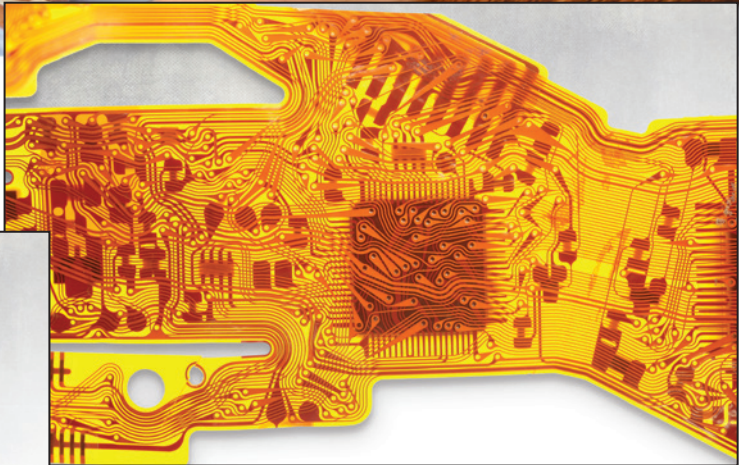
Progressively, design engineers are looking for interconnects that accommodate high-speed data rates while still enduring harsh working conditions. At AirBorn, dedicated engineering teams design and optimize our connectors and cables for superior signal integrity for use outside of the highly-controlled environs of a data center. We also offer non-magnetic connectors specifically designed for medical device applications.

\*Series 360 circular connectors are currently available only in North America.



Multiple points-of-contact

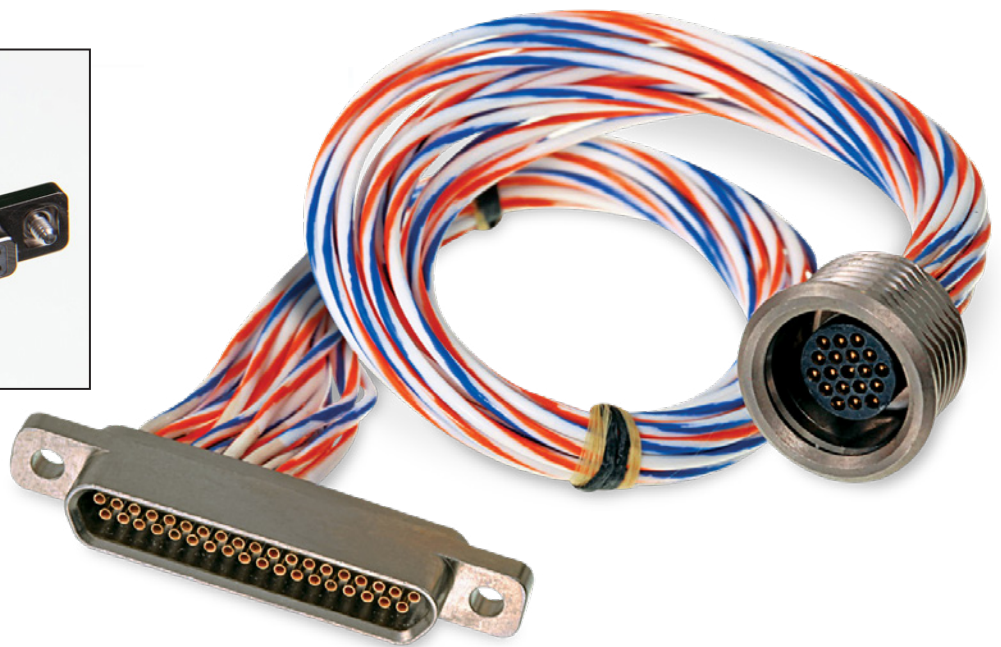
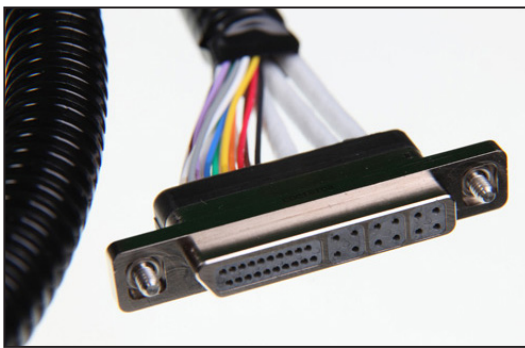




## Flexible Circuit Assemblies

AirBorn designs and manufactures flexible circuit assemblies, ideal for use where weight, space, consistency and 3D routing are key. We can manufacture to your design or ours, leveraging years of flex design experience and expertise. We produce flex assemblies to work with any type of connector and electronic component.





## Custom Cable Assemblies

AirBorn can design and manufacture custom cable assemblies to your unique requirements. We also have design engineers that can collaborate to design a concept, accommodating all wire types: copper, fiber, RF, ribbon, braiding, and more — terminated with any connector, whether it's AirBorn's or not.

### Cable, Flex, or PCB Assembly?

Not sure which option is best for your application? Give us a call. We design and manufacture cable assemblies, flex circuit assemblies, and printed circuit board assemblies, and will provide you impartial advice on which option is best for your specific design requirements. Contact us to schedule time with one of our design engineers.

# The AirBorn Advantage

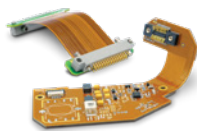
Model-To-Market Solutions



Custom Power Systems



COTS VPX Power Supply Power Blade



Flexible Circuit Assemblies



Cable Assemblies



FUZE Assemblies



Active Optical Assemblies



Rectangular W Series



Rectangular R Series



Micro D M Series



Nano D N Series



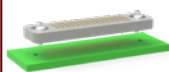
High-Speed Rectangular verSI



Modular Hybrid SInergy



Macro D RockKet



Z Axis Interposer Z Series



High-Speed Micro D microSI



Stackable RC Series



Circulars Series 360



Strip Connector AirStrip



PowerAmp 13A or 23A



Rugged Circulars TriMate

MB-2.24

# AirBorn

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