








German Aerospace Supplier Delegation 2021



May 17-21, 2021

Company	Products & Services	Key Advantages	Looking For
 <p>BROETJE AUTOMATION Website</p>	<p>Broetje-Automation is the world's leading expert for production processes in the aerospace industry. At 23 locations and service centers worldwide, Broetje plans and implements state-of-the-art production systems, machines and equipment for aircraft assembly and production. They enable highest levels of automation and precision based on in-house knowhow. Broetje digitalizes production end-to-end, from planning to service.</p>	<ul style="list-style-type: none"> Over 40 years of experience with automation and production processes in the aerospace industry Cross-technology and cross-material knowledge for integration and line automation Comprehensive machine, plant, and process know-how from a single source Broetje-Automation USA opened its new headquarters in 2019 in Elk Grove Village, Chicago and has several service centers throughout the US. 	<ul style="list-style-type: none"> OEM suppliers, especially companies focusing on large assemblies, such as wings and/or fuselage Mid to large-size companies interested in automation solutions
 <p>CEVOTEC Website</p>	<p>Munich-based automation specialist Cevotec offers one of the world's most advanced production systems for complex fiber composites. At the intersection of composites, mechanical engineering and software, Cevotec develops production systems and software based on Fiber Patch Placement (FPP) technology: SAMBA and ARTIST STUDIO. The systems, which are particularly suited for automated fiber placement on complex 3D geometries, process carbon fibers, glass fibers, adhesive films and other technical fibers. They can be used for a broad range of applications. Late 2021, Cevotec will launch its first R&D system in the United States (SAMBA Pro Prepreg) at Wichita State University (WSU)'s National Institute for Aviation Research (NIAR).</p>	<p>Cevotec's Fiber Patch Placement technology enables manufacturers to build complex, multi-material composites fully automated, flexibly and with controlled quality.</p> <ul style="list-style-type: none"> Automation for complex shapes (beyond AFP technology) Automation for multi-material placement (e. g. adhesive films, glass fiber, etc.) Constant high placement accuracy and product quality, controlled by multiple sensors Up to 60% cost and time savings compared to manual lay-up 	<ul style="list-style-type: none"> Civil and military aerospace OEMs, as well as TIER1 and TIER2 suppliers for fiber composite parts Urban Air Mobility (UAM) companies Other unmanned Aerial Vehicle (UAV) OEMs and TIER1 suppliers

 <p>Website</p>	<p>COTESA GmbH is a leading manufacturer of high-quality composite fiber components and painted assemblies for the aviation and automotive industry. COTESA specializes in Carbon-Fiber Reinforced Plastic (CFRP) and Glass-Fiber Reinforced Plastic (GFRP) components and exterior parts such as multi-dimensional GFRP sandwich structures and components. With the ISO 17025 certified material lab, COTESA supports its customers for material selection suitable for their needs.</p>	<ul style="list-style-type: none"> • Service portfolio ranges from technology development to process design; production and design patents & testing service solutions • EN 9100:2018 + NADCAP Composites + NADCAP NDT, ISO 17025 certified material lab • Certified with Boeing and Airbus standards 	<ul style="list-style-type: none"> • Civil and military aerospace OEMs, as well as TIER 1 suppliers for composite parts and assemblies • Other unmanned Aerial Vehicle (UAV) OEMs and TIER1 suppliers • Research Centers
 <p>Website</p>	<p>E.I.S. Electronics is focusing on Electrical Wiring Interconnection Systems (EWIS). They offer 30 years of experience for Commercial & Military Aircraft, Helicopters, Satellites, Launchers and Defense Systems. E.I.S. Electronics products and services focus on (1) cable harness manufacturing, (2) engineering, (3) waste-water systems components and (4) starlight systems. The company also has an in-house design department to offer custom design solutions. In addition, repair, prototyping, and expert advice are part of the comprehensive service portfolio.</p>	<ul style="list-style-type: none"> • Flexibility (due to being a small to mid-size company with 150 employees), can quickly adapt to production needs • Maximized customer orientation and serial production in India for cost optimization • Has been involved in the A380 and the A350 programs as a Risk Share Partner • The products hold the following certifications: EN 9100, ISO 14001, EASA 21G & 145 	<ul style="list-style-type: none"> • Commercial, Defense Aircraft UAV OEM and 1st tier suppliers • Spacecraft (Satellites & Launchers) OEM and 1st tier suppliers
 <p>Website</p>	<p>Experconnect is a consulting firm specializing in providing companies with a suitable solution to support retirement, then building and running a pool of motivated and available experts. Experconnect helps companies meet the twin challenges of knowledge transfer and skills shortage.</p>	<p>Experconnect offers two modes of intervention from retired experts and specialists from relevant industries:</p> <ul style="list-style-type: none"> • Q / A, information, discussion, advice, etc. Online access to one or more experts via the KEEN platform (Knowledge & Expertise Exchange Network). • Missions around the world. Experconnect provides solutions to specific problems through the experience and knowledge of 	<ul style="list-style-type: none"> • Civil and military aerospace OEMs, as well as TIER1 and TIER2 suppliers

		industry expert for short- or long-term assignments.	
 Website	<p>Ingenics is a multinational technical business consulting firm specializing in the transformation and digitization of business models, products, and shop floor processes. Ingenics is a prime partner in aerospace manufacturing with expertise in intralogistics, assembly, and production. Next to the professional process advisory, Ingenics is specialized in running efficiency programs for its clients (evaluation of employee workload/capacities, task-force optimization).</p>	<ul style="list-style-type: none"> Decades of experience working with all major aviation OEM in Germany (References available) Effective increase in efficiency in all divisions Practical solutions: Custom-tailored solutions for maximum efficiency within transformation processes 	<ul style="list-style-type: none"> U.S. aviation OEM and Tier 1-3 manufacturing facilities that are interested in optimizing and/or digitizing their process
 Website	<p>LEUKA specializes in CNC Chipping (Milling, Turning, Grinding), Precision Deburring (Valve Blocks and Landing Gear) as well as Build-To-Print and Assembly Build. All services are individually tailored to customer requirements such as drawings and other specifications. The company can deburr parts such as gearwheels, valve blocks or drive shafts up to large scale pieces like aircraft ribs or connecting rods. Additionally, LEUKA manufactures ready-for-assembly components according to individual requirements. Furthermore, individual components can get assembled and checked according to customized guidelines and specifications.</p>	<ul style="list-style-type: none"> Constant high quality and precision of products and services High degree of innovative capability through fulfillment of customer-specific requirements Production of precision workpieces in 3-shift operation Certified with aviation standard DIN EN 9100 and industry standard DIN EN ISO 9001 	<ul style="list-style-type: none"> Civil and military aerospace TIER1 suppliers / manufacturers OEMs

 <p>Website</p>	<p>The company supplies, among other things, flexible hoses, connections, and molded parts for a wide variety of aircraft applications. All products are characterized by lightweight, high flexibility, extremely high temperature resistance, individual & demand-oriented construction, and a guaranteed high standard & reliability. In addition to special solutions for individual installation situations and complex connection requirements, Matzen & Timm also offers a wide range of standard products.</p>	<ul style="list-style-type: none"> • Use of high-quality materials such as glass, polyamide, polyester, aramid fibers, silicone, Neoprene, CSM, and special elastomers • 60 years of experience in the aviation industry • Participates in audits and has all relevant approvals and qualifications including EN 9100:2016 	<ul style="list-style-type: none"> • Aerospace OEMs, as well as TIER1 manufacturers • Aerospace system integrators
 <p>Website</p>	<p>Germany-based Sitec Aerospace GmbH, daughter of Singapore Aerospace Manufacturing (SAM), designs and manufactures high-quality motorized actuators, valves, and diverse hydraulics, and is a trusted partner of leading aircraft manufacturers and system suppliers across the globe. With more than 40 years of experience, Sitec is able to offer complex and highly integrated solutions “Made in Germany” for its customers.</p>	<ul style="list-style-type: none"> • 40+ years of experience • Actuators are of modular construction giving maximum adaptability with a minimum of design effort • Flexible engineering & ‘build-to-print’ 	<ul style="list-style-type: none"> • Aerospace Tier-1 Suppliers; especially fuel-, hydraulic-, water- and oxygen applications • Aerospace OEMs
 <p>Website</p>	<p>Stahlkontor is an independent, leading international system supplier for components and assemblies made of titanium, aluminum, stainless steel, high-strength steel and armor steel for the application areas of Aviation, Defense, Industry and Rail, as well as other civilian areas of use. For its customers worldwide, Stahlkontor fulfils even the most demanding product assignments. This is achieved with a state-of-the-art fleet of machinery using not only tried-and-tested cutting, joining and processing techniques, but also future-oriented technology.</p>	<ul style="list-style-type: none"> • Stahlkontor manages small and large series production with short ramp up times and offers support in the development phase • With manufacturing in Germany, Stahlkontor upholds the highest industry standards and customer certifications (DIN EN 9100:2018, Airbus special processes) 	<ul style="list-style-type: none"> • Aerospace OEMs, TIER1 and TIER2 suppliers (civil and military) • Research centers • Urban Air Mobility (UAM)/ Unmanned Aerial Vehicle (UAV) OEMs and TIER1 Suppliers

 <p>Website</p>	<p>The company's investment casting unit is specialized in sophisticated investment castings. Zollern's product portfolio consists of complex components. Lightweight design and heavy-duty investment casting solutions are at the forefront. These products can be used in the engine, structural, interior parts and brakes / landing gear of aircraft. Specific products include open air cast steel alloys, vacuum cast superalloys, low-pressure cast aluminum, vacuum DS/SX directional solidified components, and machining & surface treatment.</p>	<ul style="list-style-type: none"> • Specification of customer design • Production exactly to customer specifications • Stability in the field • Established supplier in industry 	<ul style="list-style-type: none"> • OEM's and suppliers in the aerospace industry with a particular interest in customers of landing-gear-systems, APUs, engines, air & thermal systems • Tier 1 suppliers in the aerospace industry
 <p>Website</p>	<p>3D ICOM develops and manufactures customer-specific solutions for lightweight products and components for aerospace and other transportation-sector applications, focusing on CFRP components, GRP sandwich structures, and hybrid components. As an innovation-driven, customer-oriented firm, 3D ICOM continuously collaborates with research facilities on optimizing its products including new production methods, use of recycled material, hybrid material parts, integration of fasteners into the component geometry, and digitalization of production.</p>	<ul style="list-style-type: none"> • Customized solutions for fiber-based, monolithic and sandwich components made of high-strength, lightweight materials • One-stop-shop for design, engineering, prototyping to the finished product & serial production • Innovation-driven; high R&D activity • DIN EN ISO9100/9001 certified 	<p>Business partners with an interest in monolithic and sandwich components made of GRP and CFRP as laminate and as crush-core parts:</p> <ul style="list-style-type: none"> • Aerospace OEM • Component manufacturers (aerostructures, cabin interior, panels, covers) • Research facilities working with composites

Interested in an individual B2B meeting with our delegates? Contact us today!

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