

Enfusion for Diverse markets



By Roxanne Fraver,
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CF: What is the nature of your company?

JH: Enfusion Technologies was created to address the need for high quality composite components in a variety of industries including aerospace, marine, energy, and infrastructure. Our core competency is in the area of infusion technology, but we use a variety of fabrication processes as

required by the nature of the part and production volume.

CF: How many employees do you have?

JH: Enfusion Technologies currently has 10 people — an integrated development, structural engineering and manufacturing team — in our startup phase, with planning for rapid growth as contracts with customers are processed.

CF: What is your company's background?

JH: Enfusion Technologies, presently located in Colorado Springs, CO, is the result of a collaborative effort by two existing parent companies: ComposiCraft, Inc. and CollaborX, Inc. These two companies are well established and have a track record of rapid growth. Currently in the start-up phase, Enfusion Technologies brings together a highly skilled team of engineers, marketing personnel, and executives, with real world experience in composites, aerospace, and the defense sector.

CF: How did you get started in the industry?

JH: Enfusion Technologies is a natural outgrowth of the individual strengths of the parent companies. CollaborX, Inc. brings a vast amount of Department of Defense operations and research, development, and acquisition experience to Enfusion Technologies, while ComposiCraft, Inc.

brings well over ten years of composites engineering and manufacturing expertise to Enfusion Technologies. By combining superior expertise, Enfusion Technologies has developed in-depth knowledge of infusion technologies (along with other processes) and created a technical and organizational

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foundation that will be used in a competitive manufacturing environment across a broad range of market applications.

CF: What obstacles does your company face today in the regulatory or technical areas?

JH: Our company leadership is focused on creating good jobs for the people in our community, and that involves a responsibility to keep our facility and our community clean. Since most of what we do involves closed molding processes, we've got a jump on meeting the regulatory standards and we don't foresee significant obstacles in that regard. In the technical arena, there are still some challenges with integrating vacuum infusion processes into the aerospace world. Compared with other industries, aerospace moves at a snail's pace when it comes to adopting and certifying new materials and processes. There needs to be an accelerated acceptance and certification of the newer infusion processes within the aerospace community. Clearly we're getting there, but we've still got a long road ahead.

CF: What are your marketing efforts?

JH: One of our first areas of concentration is

the light sport aircraft market, where we will focus our extensive background experience in aerospace operations, design, and applications. Also, we are defining composite applications for key government agencies and the military services, with unmanned aerial vehicles as one example. In addition to these areas, we are exploring and building strategies for composite usage in a wide range of commercial market sectors.

CF: What development or research would you like to see happen to improve the industry?

JH: The composites industry is advancing fairly rapidly, and what you wish for today is probably not far around the corner. Our company leadership is very forward-thinking, and very interested in integrating nanotechnologies with composites. This is likely to be the next significant step forward in light-weight structural design, and we'll have our eye on it.

CF: Where do you see your business in five years?

JH: Within five years, our company will be working in multiple industries to manufacture both aerospace products and much-needed products for the construction and infrastructure markets. Within the same timeframe, we'll also be a key player within the government and defense sectors. If you look at the growth of the composites industry and the expansion of composites usage, there is phenomenal opportunity for all of us in the composites industry. Enfusion Technologies will continue to focus on building an expert team of dedicated professionals to continually improve quality and value to our customers, and to push the envelope in composites fabrication technology. **CF**

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