



CONSULTING & APPLICATION SERVICES

To ensure continued profitability and to minimize an organizations internal resources, Evolve™ offers Consulting and Application Services.

The need for product innovation is a huge factor for organizations that want to stay competitive and at the forefront of their industry. Buyers today are more educated and do their homework prior to short-listing any of their top vendor choices. So, what does this mean for manufactures? A manufacturer's profitability starts at the onset of a project and continues all the way to end of life management.

The Evolve team has extensive knowledge of STEP™ (Selective Thermoplastic Electrophotographic Process) technology, injection molding and other additive manufacturing technologies. Evolve can provide you with technical expertise to enable you to implement and integrate STEP technology into your part production manufacturing process via our SVP platform.

Our dedicated team of design engineers will consult with you and your team to determine the needs and goals of your organization. We can assist with your application pre-sale, post-sale or as your applications change over the lifecycle of the project. In addition to assistance with design guidelines, we can advise on process control, and materials science.

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KEY VALUE

Designed for STEP Guidelines

Understanding what capabilities you have available is a critical milestone. We will help your design team realize the full potential of STEP Technology, boosting throughput and enhancing quality part production.

Preparing for Post Processing

An important step that is too often overlooked. Planning ahead to increase efficiency is an important phase in successfully launching a new application or product. We will work with you and your team to understand how to optimize your design and print for your needs.

Designing Captive Frames

Can aid in reducing handling labor or keeping mass-customized parts together during further process steps with options such as painting or plating. Incorporate serialization, part numbering or other part identifiers in the build for ease of sorting and shipping.

Minimize Support Material Usage and Boost Efficiency

The best way to reduce costs on materials is by using less in each build. Optimizing builds to use, by even the smallest amount, of support material instantly reduces downstream waste.

Reducing Cost

A main concern and objective for any product manager. Understanding where the high costs are within the manufacturing process is the first step to eliminating them. Through your engagement with Evolve, you will gain a thorough understanding of the STEP technology process and have the ability to recognize all of the benefits and reduce your overall manufacturing costs. Including cost analysis and build optimization to reduce part cost.

Optimize your Process Recipe

Once you have chosen your materials and design, we can assist in optimizing the process and materials for the part features that your design requires by using the SVP™ (Scalable Volume Production) platform and you will recognize your manufacturing capability to its fullest potential.

LEARN MORE

HEADQUARTERS

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MATERIAL TECHNOLOGY CENTER

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