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## ***Stereolithography The Future of Additive Manufacturing***

More than twenty years after Chuck Hull discovered and commercialized the first SLA® 1 (the first 3D Systems' Stereolithography Apparatus) and launched a brave and young industry, stereolithography continues to be the industry standard for precision parts, quality and performance. Today's SLA® parts are delivered through 3D Systems' newest and most advanced generation of iPro™ SLA® Centers, using a complete family of engineered Accura® Plastics and composites that are expertly integrated for optimal performance and cost effectiveness.

The number of Subtractive and Additive Manufacturing alternatives crowding the Rapid Prototyping and Manufacturing space have continued to increase, but, when it comes to part precision, accuracy, wall smoothness and feature details, SLA® made Accura® plastic parts remain the bench mark. Today, SLA® parts are used in a variety of applications, including form, fit and function, tools, fixtures and jigs. These direct and indirect manufacturing applications span the globe and cover every imaginable application from toys to hearing aids.

And we are not resting on our laurels. At 3D Systems, we believe that marketplace leadership is achieved and sustained through technology leadership, and as we have learned over and over again, pioneering has its costs... and its rewards. In keeping with this belief, our engineers and scientists are busy at work shaping our vision 2020 for Stereolithography.

So how might future SLA® Centers and Accura® plastic parts benefit you? By delivering to you economically enhanced parts' performance from new materials. In a nutshell, that means an expanded range of general purpose and specialty Accura® plastics and increasingly more productive SLA® Centers that will employ cutting-edge imaging technology for speed, reliability and consistency.

The architecture of future SLA® Centers will feature fewer moving parts and reduced service and maintenance needs for improved total cost of ownership and significant build-speed improvements for improved part economics. Cost effectiveness will be further addressed through the extension of materials' shelf life, yield improvements and a reduction of the significant on-hand inventory associated with today's Vat-Centric materials' delivery system. Finally, we expect our developers to continue to develop new Accura® Plastics that will meet or exceed the prototyping and manufacturing needs of tomorrow's engineers.

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3D Systems, Inc.