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CORRECTING and REPLACING Stratasys Unveils Spin-off Evolve Additive Solutions to Focus on New "STEP" Technology

- *New company to drive Stratasys incubated innovation aimed at high-volume production using a wide range of thermoplastics at speeds comparable to conventional manufacturing processes*
- *STEP technology delivers the well-known advantages of additive manufacturing with cost-per-part and surface quality in line with traditional manufacturing, along with X, Y, Z directional strength and mechanical properties rivaling injection molding*

MINNEAPOLIS & REHOVOT, Israel--(BUSINESS WIRE)-- First paragraph of release should read: [Stratasys Ltd.](#) (NASDAQ: SSYS), a global leader in applied additive technology solutions, today officially unveiled the spin-off of its Selective Thermoplastic Electrophotographic Process (STEP) technology and forming of Evolve Additive Solutions. (instead of [Stratasys Ltd.](#) (NASDAQ: SSYS), a global leader in applied additive technology solutions, today officially unveiled the spin-off of its Selective Toner Electrophotographic Process (STEP) technology and forming of Evolve Additive Solutions.)

STRATASYS UNVEILS SPIN-OFF EVOLVE ADDITIVE SOLUTIONS TO FOCUS ON NEW "STEP" TECHNOLOGY

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[Stratasys Ltd.](#) (NASDAQ: SSYS), a global leader in applied additive technology solutions, today officially unveiled the spin-off of its Selective Thermoplastic Electrophotographic Process (STEP) technology and forming of Evolve Additive Solutions.

After nearly 10 years as an incubation project, the new organization will be led by a dedicated management team, exclusively focused on bringing the proprietary STEP technology to market - aimed at delivering high-volume production additive manufacturing at breakthrough speeds compared to other commercially available additive processes.

Traditional manufacturers have long sought to combine the benefits of additive manufacturing with the material, quality and economics of traditional production processes. Built on Stratasys' pioneering development and 3D printing and additive manufacturing expertise, Evolve's STEP technology is aimed at producing parts at a cost, quality and

throughput comparable to traditional manufacturing processes. The solution is intended for high-volume production runs into the hundreds of thousands per year. As such, it is expected to compete with traditional processes, such as injection molding.

“As an independent company, Evolve will best be able to focus on the advancement of the technology, provide the entrepreneurial environment and management equity incentives suitable for early stage efforts and drive the customer relationships and partnerships to foster further development and initial market adoption,” said Stratasys CEO, Ilan Levin. “As an equity stakeholder, we look forward to collaborating with Evolve and supporting this initiative to help make it a success.”

Designed for automated manufacturing and factory-floor integration, STEP empowers users to utilize production-grade thermoplastics for volume production applications across multiple industries, including Consumer, Automotive, Industrial and Medical. The highly scalable and extensible solution combines Evolve’s own proprietary technology with the proven capability of electrophotographic imaging.

“We are excited to introduce Evolve Additive Solutions and proprietary STEP technology,” said Steve Chillscyzn, CEO of Evolve Additive Solutions and co-inventor of STEP. “We believe the STEP technology is uniquely positioned to bridge the gap in the market not yet addressed by additive or traditional manufacturing technologies,” continued Chillscyzn. “It is the first-of-its-kind technology offering an additive method for mass production. It’s designed to deliver the benefits of additive, while handling high-volume production. And we’re confident in the Evolve team’s ability to make this technology a success.”

The STEP process combines time-tested 2D imaging technology with proprietary IP developed by Evolve to precisely align incoming layers and sophisticated bonding techniques that create final parts that are fully dense with isotropic properties of injection molding.

Specifically, STEP technology introduces a range of new features, including:

- Engineering-grade thermoplastic materials (amorphous and semi-crystalline)
- Production speeds of up to 50X faster than existing additive manufacturing solutions
- Cost per part and surface quality comparable to traditional manufacturing
- Isotropic properties in X, Y and Z directions on par with injection molding
- Industry 4.0 and automation factory floor integration
- Multiple material printing capable within the same layer
- Full color printing capability – including spot and process

Evolve has already commenced seeking initial purchase orders from several leading automotive, consumer goods and aerospace companies during its alpha stage. Over the next 12 months, Evolve also plans to engage new customers to evaluate beta systems for applications in volume production environments across many vertical markets. Parties interested in beta opportunities are encouraged to [contact Evolve](#) directly. Evolve has not yet announced the date of expected general availability of its products.

Industry Consultant Todd Grimm commented, “Evolve’s STEP process is interesting because it brings a completely new approach to production environments using additive manufacturing, yet it prints using production grade thermoplastics, which is what manufacturers are most familiar with when producing parts conventionally. Having had the opportunity to get a glimpse early on, it’s very encouraging to see how Evolve has progressed the development of the STEP process.”

The seasoned senior management team of Evolve Additive Solutions brings over 40 years of combined experience in additive manufacturing and includes such industry leaders as:

- Steve Chillscyzn, Chief Executive Officer
- Bruce Bradshaw, Chief Business & Marketing Officer
- Shane Glenn, Chief Financial & Strategy Officer
- Dr. Arun Chowdry, Vice President of Technology and Materials

Evolve Additive Solutions is an organization focused on pioneering the manufacturing market with technologies and solutions centered around production applications with real-world thermoplastics. Its revolutionary STEP technology allows customer to leverage the advantages brought about by additive manufacturing with material characteristics and costs on par with traditional manufacturing. Evolve Additive Solutions is headquartered in Minnetonka, Minnesota with a materials technology center based in Rochester, New York. Learn more about Evolve Additive Solutions online at www.evolveadditive.com

Stratasys (NASDAQ: SSYS) is a global leader in applied additive technology solutions for industries including Aerospace, Automotive, Healthcare, Consumer Products and Education. For nearly 30 years, a deep and ongoing focus on customers’ business requirements has fueled purposeful innovations—1,200 granted and pending additive technology patents to date—that create new value across product lifecycle processes, from design prototypes to manufacturing tools and final production parts. The Stratasys 3D printing ecosystem of solutions and expertise—advanced materials; software with voxel level control; precise, repeatable and reliable FDM and PolyJet 3D printers; application-based expert services; on-demand parts and industry-defining partnerships—works to ensure seamless integration into each customer’s evolving workflow. Fulfilling the real-world potential of additive, Stratasys delivers breakthrough industry-specific applications that accelerate business processes, optimize value chains and drive business performance improvements for thousands of future-ready leaders. Corporate headquarters: Minneapolis, Minnesota and Rehovot, Israel. Online at: www.stratasys.com, <http://blog.stratasys.com> and [LinkedIn](#).

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Stratasys and Evolve Additive Media Contacts
Stratasys Corporate & North America

Craig.Librett@stratasys.com

+1 518-424-2497

or

Joe.Hiemenz@stratasys.com

+1 952-906-2726

or

Europe, Middle East, and Africa

Jonathan Wake / Miguel Afonso, Incus Media

stratasys@incus-media.com

+44 1737 215200

or

Greater China, Southeast Asia, ANZ, and India

Alison.Yin@stratasys.com

+ 86-21-33196051

or

Japan and Korea

Aya.Yoshizawa@stratasys.com

+81 3 5542 0042

or

Mexico, Central America, Caribe and South America

Yair.Canedo@stratasys.com

+52 55 4169 4181

or

Brazil

Caio.Ramos@GPcom.com.br

Nando@GPcom.com.br

GP Communications

+55 (11) 3129 5158

or

For Evolve Additive Solutions

Bruce.bradshaw@evolveadditive.com

+1 603-689-4597

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