

MANUFACTURING TECHNOLOGY INSIGHTS

3D PRINTING SPECIAL

MARCH - 12 - 2019

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Top 10 3D Printing Services and Consulting Companies - 2019

3D printing has always been a niche market, with very few companies like Startasys, ProtoLabs, EOS, Star Rapid and 3D Systems dominating the industry. Today, the space is rapidly growing and is expected to be worth over \$30 billion by 2022. Factors assisting this growth include mass customization, production of complex parts, government investment in 3D printing and improvements with respect to manufacturing efficiency. The technology is providing a whole new means to create complex designs, enabling companies to create innovative geometries and leverage more efficient materials.

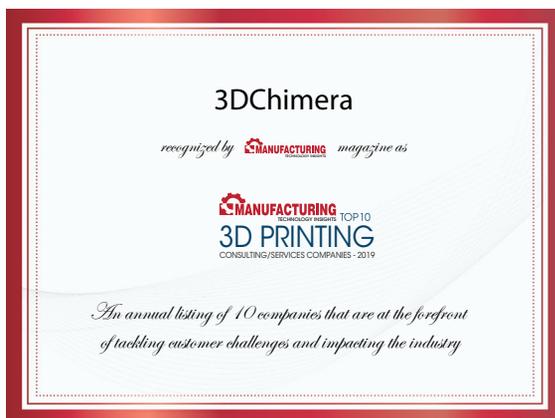
For example, a leading printing service based in San Francisco offers on-demand 3D printing of individual products as well as short-run manufacturing through their professional 3D printers. In addition, the company's unique technology also enables to analyze and repair flaws (if any) in the 3D file in seconds. Similarly, another front-runner of 3D printing services based in Minnesota specializes in rapid prototyping using three additive processes:

stereolithography, selective laser sintering and direct metal laser sintering. The company assists developers, designers, and engineers in moving from prototyping to low-volume production.

Hence, with numerous companies offering innovative 3D printing services, it becomes difficult to choose the best service provider that suits each customer's specific requirement. Factors such as quality, value for money, service, and reliability—all play a vital role in choosing the apt 3D printing service supplier.

Against this backdrop, assisting companies in identifying and selecting the most suitable 3D Printing Services and Consulting provider, Manufacturing Technology Insights Magazine offers a directory listing organizations that offer exemplary services. A distinguished panel comprising of eminent CEOs, CIOs, VCs, and Analysts, along with Manufacturing Technology Insights' editorial board has assessed several 3D printing service providers and shortlisted the ones that distinctively prominent in the field.

We present you Manufacturing Technology Insights' "Top 10 3D Printing Services and Consulting Companies - 2019."



Company:
3DChimera

Description:

Provides consultation services and offers bleeding-edge 3D printing technology solutions to organizations in the 3D printing space

Key Person:
Alex Hussain
Co-Founder & CEO

Website:
3dchimera.com



Spearheading Innovation in 3D Printing

The 3D printing industry has been pushing the limits of innovation and human imagination with an ever-growing availability of new printing materials and improved printing processes. However, because of the continuous transformation of the industry, organizations are finding difficulty in adapting to the changing landscape. Challenges such as a lack of in-house expertise and 3D printing technology limitations are plaguing the manufacturing stakeholders. Miami-based 3DChimera addresses the core challenges in the industry by providing the latest equipment and offering their 18 years of expertise in the 3D printing industry to help organizations leverage the full potential of 3D printing. “3DChimera connects the dots between producers of materials, 3D printer manufacturers, and their real-world applications to effectively deliver solutions based on customer needs,” says Alex Hussain, Co-Founder and CEO at 3DChimera.

“**3DChimera connects the dots between producers of materials, 3D printer manufacturers, and their real-world applications to effectively deliver solutions based on customer needs**”

3DChimera assists its clients in unleashing their 3D printing potential through a consultative engagement strategy, technical and passionate talent, and comprehensive training services. With innovation and problem-solving skills in its DNA, the company takes

a consultative approach during client engagement and understands the client-specific problem and their objectives. It then offers the client an efficient solution for their unique need, which could be an innovative 3D printing technology, a new material, or a unique blend of the two.

Following the successful implementation of their offerings, 3DChimera schedules training sessions for the client’s engineering teams to help them make the most of the 3D printing solution. Through the training, client’s teams gain expert-level knowledge on operating 3D printers that would help them focus on new applications for materials, and optimize the print parameters of the 3D printers offered by the company.

3DChimera has built relationships with big players in the 3D printing materials manufacturing market to improve their offerings and deliver unique applications. These relationships enable the company to gain access to materials before they hit the market, allowing them to innovate further by putting these materials to the test through different processes. Recently, 3DChimera’s partnership with DuPont—a manufacturer of high-performance 3D printing materials—allowed the company to test DuPont’s latest glass fiber and carbon fiber reinforced nylon materials in real-world scenarios to gain an understanding of its applications in various industries.

Partner or customer, 3DChimera’s team of talented and passionate individuals, hailing from a broad range of backgrounds, ages, and levels of expertise, brings high energy and knowledge to turn every project into a success story. “We try to find a balance between running the business and exploring our passion in 3D printing,”



explains Hussain. Highlighting the impact of 3DChimera’s passion is their engagement with National Geographic’s show, Dr. K’s Exotic Animal ER, where Dr. K needed specialized help to repair a tortoise shell that sustained significant damage from a motor vehicle impact during Hurricane Irma in 2017. 3DChimera scanned the tortoise’s shell, developed mechanical and functional parts, optimized 3D printing material, printed the organic geometry, and tested its durability in real-world scenarios before putting the shell cover on the tortoise and resolving the challenge.

Hussain expects growth in 3DChimera’s reselling network as new and innovative 3D printing materials continue to drive the company to devise real-world applications for 3D printing. The company is the master distributor for leading 3D printer manufacturers, German RepRap and Sintratec and resells their products by leveraging 3DChimera’s established distribution network across the U.S. “We are excited about the extension of the sales side of the business, but we will always develop innovative new accessories and techniques in 3D printing to bundle with our current offerings,” concludes Hussain. 