



TEKREX[®]

3D DESIGN & DEVELOPMENT

WHO ARE WE?

TekRex leads its manufacturing partners from research to production. As a team of experienced problem solvers, we drive development projects that allow the exploration of your new opportunities without diverting valuable resources from your operations. We are 3D printing experts with a wide range of printers on-site to support the demands and requirements of virtually any project. We have hands-on experience with 3D printers based on Fused Filament Fabrication (FFF), Stereolithography (SLA), Digital Light Processing (DLP), Digital Light Synthesis (DLS | CDLP) and MultiJet technologies, as well as the design software and post-processing equipment required to operate each successfully at scale.

SERVICES

All of our services include extensive knowledge in design, materials, manufacturing methods, production choices, 3D printer types, software, engineering, testing, safety and training. Context, like intended use, matters – we understand how to match printers with applications and guide you to the right choices with respect to speed, structural integrity, form fit tolerances and cost.

Our engineering spans production applications, electrical systems design, testing and beyond. We have developed customized solutions for some of the most visible technology companies in the market, while serving as an internal support for the wide-ranging intelligent manufacturing processes of the TyRex Technology Family.



PROTOTYPING & DEVELOPMENT

Get up and running in days, not weeks. Our partners understand the intricacies and variables that go into production 3D printing.



DESIGN ENGINEERING

Engineering analysis and product design to reverse engineering and embedded design – our solutions work for your product.



3D PRODUCTION OPTIMIZATION

The right materials, the right design, the right equipment. We're more than just a 3D print center – we're your 3D printing experts.



ENGINEERING STAFFING

When your project needs human capital to move forward, we're your resource.

OUR PROCESS

At TekRex, the development process begins and ends with your idea.

★ PLAN

Examining risks, uncovering opportunities, developing blueprints for overcoming obstacles.

★ PERFECT

Creating effective designs that improve your product's performance while considering project parameters and limits.

★ PRODUCTION

Taking your design from plan to prototype to full-run production.



QUALITY

Delivery of high-resolution, injection mold quality parts



SPEED

3D printing process 25x to 100x faster than competitors



EFFICIENCY

Print multiple items simultaneously on one build plate

DESIGN WORK

We meet you where you are and help boost your business forward, from evaluating the business case around your idea and assisting with design considerations to identifying jigs and fixtures or developing a comprehensive 3D printing strategy for your organization.

OUR SPECIALTIES

APPLICATIONS

- product design
- test fixtures
- circuit board design
- cable harness design
- embedded products
- engineering analysis
- electro-mechanical
- reverse engineering

INDUSTRIES

- test & measurement
- IoT
- robotics
- research & development
- energy
- consumer goods
- telecommunications
- automotive

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OUR TYREX FAMILY



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Signature Nonprofit



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TyRex Family
Associated Entities

