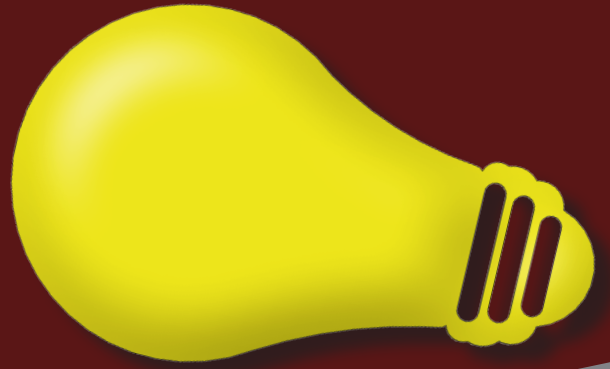




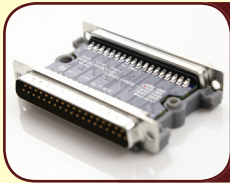
# TYREX<sup>®</sup>

## GROUP, LTD.

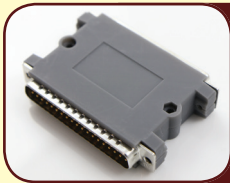
### *Bright Ideas*



### OUR PROCESS ...



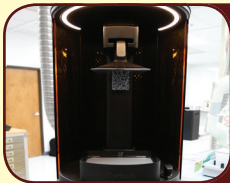
**Board & Housing Assembly**



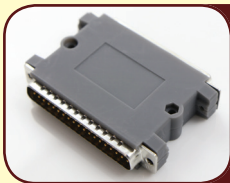
**Enclosure Design**  
TEKREX



**Materials Testing**



**Additive Mfg. Production**



**3D Printed Enclosure Design**



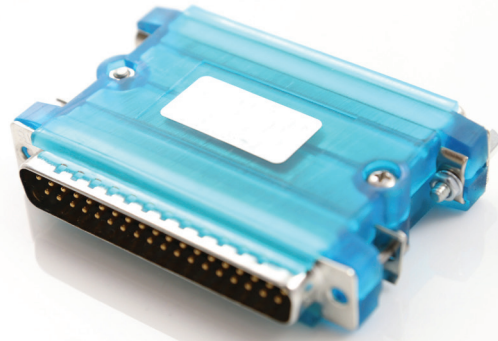
**Save More!**

**Sell More!!**

**Share More!!!**

**Competitive Co-Market Positioning**

## ASSEMBLY ENCLOSURE



### CHALLENGE:

An aerospace company needed 100 specialized board and housing assemblies for test sites on a compressed timeline. There were no existing enclosures on the market that would work for their specific application, and they didn't have the bandwidth to design or build a mold for the enclosure.



### SOLUTION:

The TekRex team designed a custom enclosure to fit the custom board and cable assembly. 3D printed to eliminate 4-6 week lead time and the expense of creating a custom injection mold. Completed printing within one week and reduced cost of enclosures by 80 percent.

*Bright Ideas* is the TyRex Family's **New Evolutionary Technology THINKING** program

designed to create "**Innovative Marketing Initiatives**" that will develop into **Expanding Markets** with "**Competitive Co-Market Positioning**" utilizing our newest tool,

**3D PRINTING**. The program has enabled our family of companies to reduce time with large cost savings through quick-turn prototypes, time-efficient jigs and fixtures, and, of course, overall production cost reductions. We are excited to offer these same possibilities to you and your customers as co-marketing partners.



**DESIGN TEST PRINT**  
*TyRex ... Your Additive Manufacturing Solution*

# ADDITIVE MANUFACTURING



**TYREX<sup>®</sup>**  
**GROUP, LTD.**

*Family of Technology Companies*

## YOUR ADDITIVE MANUFACTURING SOLUTION

By leveraging the expertise and skill of our entire technology family, TyRex has established itself as the most complete and comprehensive 3D printing (additive manufacturing) entity related to services and engineered technical support in North America.

Together we can offer unique additive manufacturing solutions that meet the specific requirements of your project and/or product, while also providing cost savings and time efficiencies to help your business prosper. To do this, our team will serve as your guide (Sherpa) on a journey from design (**TekRex**) and testing (**Austin Reliability Labs**) to production (**SabeRex**) and beyond all under one roof.

For more information or if you have any questions about our additive manufacturing solutions, please log on to [tyrexmfg.com](http://tyrexmfg.com) or contact TyRex Executive Vice President Martin Johnson at (512) 615-4632 or [mjohnson@tyrexmfg.com](mailto:mjohnson@tyrexmfg.com).



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