

## SATOP Success Stories

**Challenge:** Provide recommendations for plating material to be used by artisan manufacturer

Silver Zebra Design of Santa Fe, NM manufactures hand-crafted home and garden-related accessories that require metallurgic talent and expertise in technical drawings. Silver Zebra was paired with New Mexico State University which provided first-class drawings and helped determine that aluminum is the best and most affordable alloy for their final product, a towel rack.

**Challenge:** Develop animal character recognition electronic database

Native New Mexican Loretta Martinez founded Nickel Brand Software, Inc. to pursue development of a hand-held livestock brand image recognition tool crucial for identifying and tracking cattle-borne disease events like anthrax and mad-cow disease. Referred to SATOP by WESST Corp., she was paired with Sandia National Laboratories helped provide a solution to her image interpretation challenge.

**Challenge:** Manufacturing custom sized corrugated boxes.

Sol Imports of Las Cruces, NM has slashed shipping costs by 40 percent thanks to free assistance from SATOP and New Mexico State University. NMSU graduate students designed and built a machine that effectively cut large pieces of cardboard to package Sol Import's furniture in the company's warehouse.

### Platinum Alliance Partners



### Gold Alliance Partners



### Silver Alliance Partners

Barrios Technology  
 Futron Corporation  
 MDA Systems  
 New Mexico Manufacturing Extension Partnership  
 Parker Hannifin Corp., Electronic Systems Division  
 Perez Technologies, Inc.  
 Rensselaer Polytechnic Institute  
 SPACEHAB  
 Syracuse University  
 United Space Alliance  
 University of Central Florida  
 University of New Mexico

### Bronze Alliance Partners

ASRC Aerospace Corporation  
 ATK GASL  
 Binghamton University  
 C & H Merrill, Inc.  
 City University of New York (CUNY)  
 Clarkson University  
 Composite Factory, Inc.  
 Enterprise Professionals  
 Environmental Robots, Inc.  
 Hamilton Sundstrand Management Services  
 Hernandez Engineering, Inc.  
 Honeywell Defense and Space  
 Jacobs Technology Inc.  
 Micro Aerospace Solutions, Inc.  
 Mikron Bostomatic Corporation  
 OSHEX Environmental Safety Associates, Inc.  
 Perez Technologies, Inc.  
 Pratt & Whitney Rocktdyne  
 SAIC- Cape Canaveral & Melbourne  
 San Jacinto College District  
 Sandia National Labs  
 Sensus Corporation  
 Space Gateway Support, LLC  
 SUNY College of Environmental Science & Forestry  
 University of California  
 Wyle Laboratories Life Sciences Systems & Services

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 And it's FREE...*



## What is SATOP?

If your business is facing a technical challenge, the Space Alliance Technology Outreach Program (SATOP) wants to help. SATOP offers a service of **up to 40 hours of FREE engineering assistance** for qualified requests, utilizing the vast expertise of NASA and our participating Alliance Partners.

SATOP's Alliance Partners are aerospace industry companies, NASA sub-contractors, national laboratories or universities doing NASA research.

### Who can apply?

This program is available to any US-based small business (under 500 employees), non-profit group, inventor, or entrepreneur. You do not need to be a high-tech, manufacturing, or aerospace company to utilize SATOP.

### What's the catch?

There is no catch! SATOP does not charge for our services. SATOP is funded by a grant from NASA, and our mission is to transfer knowledge from the U.S. space program to small businesses, to help spur economic growth.

### How does it work?

1. Submit a simple Request for Technical Assistance (RTA) to SATOP.
2. A SATOP Project Engineer will contact you to discuss your request.
3. SATOP's Project Engineers work to match your RTA with an Alliance Partner who has the necessary engineering expertise.
4. When an Alliance Partner accepts an RTA, they provide up to 40 hours of free help. You work directly with them by phone, fax, or e-mail. (Alliance Partners do not travel to your site.)
5. Most RTA's will be resolved within 90 days.

### Space Alliance Technology Outreach Program

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