

# Task Force Tips, Inc.

**“Development easily  
went four times faster  
because of SolidWorks.”**

Stewart McMillan  
President

case No. 109

**T**ask Force Tips, Inc. (TFT), a leading global provider of fire-fighting equipment, manufactures nozzles and other devices designed to make firefighting safer and more effective. TFT is the only company with 14 nozzles that meet the standards of the National Fire Protection Association (NFPA). TFT needed to move from 2D AutoCAD® to a robust, easy-to-use 3D CAD system to create complex castings and assemblies, and reap the benefits of automated tooling.

**solid Solution**

**TFT decided to standardize on SolidWorks® mechanical design software because of its user friendliness, assembly capabilities, documentation creation features, and integration with machining applications. To automate its tooling and CNC machine functions, the company implemented SURFCAM® software. The SolidWorks solution enabled TFT to slash its product design cycle by a factor of four, speed creation of documentation graphics, and introduce a product that revolutionized the firefighting industry.**



- Reduced design cycle by nine months.
- Created successful product that revolutionized firefighting safety and effectiveness.
- Accelerated mold creation with automated tooling add-on solution.
- Produced user manual graphics in minutes instead of weeks.

With its elegant accelerometer shut-off assembly and unique swivel design, the Blitzfire™ is the only portable, high-capacity deluge device a single firefighter can operate safely.

