

# CAPABILITY STATEMENT

## KEY DIFFERENTIATORS

In heavy industrial applications fasteners/bolts seize and break due to environmental debris, thermal cycling, and/or corrosion.

- Our Ultrasonic Wrench© reduces breakaway torque by over 50%.
- Complete system includes generator, transducer, protective case, and multiple socket extensions.
- Simple easy to use plug and play interface.
- Standard 110V or 220V power required.
- Custom tooling can be made for any application.
- Optional mobility package available with battery pack and/or generator mounted backpack.
- Green environmentally friendly solution without the need for harmful penetrant oil.
- Will prevent seized and broken fasteners/bolts from impacting warfighters asset availability
- Designed and tested by a 25yr+ aerospace mechanical engineer.
- Best in class one of a kind tool that eliminated broken bolts.

## CORE COMPETENCIES

- Eliminate seized/broke fasteners/bolts with the use of Ultrasonics.
- Engineered to eliminate broken fasteners/bolts, following strict digital twin/thread process.
- Mission Statement
  - Complete Engineering and Manufacturing Services by our on-site professionals. Let us solve your tough engineering problems with our know-how and future technology developments.
  - We aim to exceed our customers’ expectations with technologies developed to solve those tough engineering problems.
  - We pride ourselves in integrity, you can trust our word and have a partner in us on your team.
  - Communication is the key to our success. We have the know-how and tools to ensure your vision comes to fruition.

### PAST PERFORMANCES

### ACTIVE CAMPAIGNS

Air Canada (2)	Southwest Airlines	USAF 445 <sup>th</sup> Wing (WPAFB C17s)
American Airlines (2)	United Airlines	DOD RSO and Materiel Command
GE Aerospace (4)	GT Engine Services	Shell Oil
KLM (2)	Alaska Airlines	GE Vernova
MTU	Lufthansa Technik	Streamer Electric

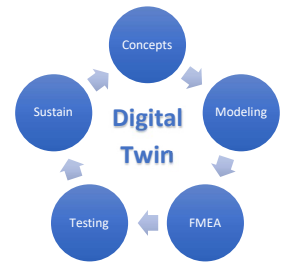
## COMPANY DATA

- CAGE CODE: 07A01
- UEI: RWQ5TN5KJKG6
- Relevant NAICS Codes: 333310, 333248, 333618, 333998, 488190, 488210, 488390
- Relevant PCS Codes: 3419, 3450, 5110, 5120, 5130, 5140, 5180, H917, H951, J017, J039, J051, K017, K039, K051, L017, L039, L051, N017, N039, N051, W017, W039, W051

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**TECHNOLOGY  
EVOLUTIONS**



## CAPABILITY STATEMENT

### Eliminate Seized/Broken Bolts

In heavy industrial applications bolts seize and break due to environmental debris, thermal cycling, and/or corrosion.



#### Key Features

- Our Ultrasonic Wrench<sup>®</sup> reduces breakaway torque by over 50%
- Complete system includes generator, transducer, protective case, and multiple integrated socket extensions
- Simple easy to use plug and play interface
- Standard 110V or 220V power required
- Custom tooling can be made for any application

#### Preliminary Use Cases

##### AIRCRAFT/HELICOPTERS

- Fuselage fasteners
- Control surfaces linkages
- Landing gear
- Propulsion
- Weapon systems

##### Ships

- Propulsion and control
- Ship skin repairs
- Pump systems
- Mechanical systems
- Hydraulic systems
- Weapon systems

##### Armored Vehicles

- Propulsion
- Drive, braking, & control assemblies
- Chassis and panel replacements
- Weapon systems

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