

# Capability Statement



## Core Competencies

**T**ruProtect wall panels stop thermal radiance penetration at over 90% while enhancing the effects of existing thermal insulation to reduce heating/cooling costs by 40%. The RF shielded version of the wall panels stops invasive electronic wave forms at 100%. It also completely blocks the penetration of cell phone signals while stopping surveillance from all known invasive technologies including acoustic, microwave and thermal.

TruProtect shielded ceiling tiles similarly enhance thermal and radiant heat qualities while stopping at 100% the exit or entry of all damaging and invasive electronic wave forms.

- TruProtect is the most reliable shielding against sound, thermal and radiant penetration, vibration/impact and electronic wave forms.
- TruProtect has a 15-year history in the market place.
- Extensive ASTM testing proves TruProtect's insulating properties, including that it completely stops health threatening electronic wave forms that are routinely used for surveillance.
- America's military services and intelligence agencies rely on TruProtect wall panels and ceiling tiles to protect their facilities from eavesdropping and the loss of sensitive data from within.

## Past Performance

*Here are a few of the hundreds of jobs where TruProtect panels and ceiling tiles performed :*

- White House IT Room ceiling and Presidential Transition Team facilities.
- NAWS China Lake
- FAA facility-DC
- Gicher Shelter Systems, Dallas, Pennsylvania: RF penetration control in BOAC terminal.
- KCM Group, San Diego: Shielding for classified Navy & Coast Guard facilities.
- Naval Surface Warfare Labs: RF/EMP protection.
- Tri-State Construction, Herndon, VA: RF shielding to protect Quest Communications facility.
- Many labs and electronically controlled facilities.

## Differentiators

It is difficult to compare TruProtect to other shielding and insulation products because none of the others does what TruProtect does.

TruProtect out performs all known types of insulation designed to protect against the penetration of radiant waves and thermal transfer.

Only stainless steel stops electronic wave forms as well as TruProtect. However stainless steel is too heavy and too expensive for many applications.

TruProtect protects against thermal & radiant waves, sound, vibration/impact and RF/EMI/infrared/EMR.

Ask us about our military grade panels and ceiling tiles Rated at 100dB at 40Ghz, none better on the planet!

## Red Star Manufacturing, LLC

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