

EMP Hardened Technology

When it comes to ultimate protection from Electromagnetic Pulse (EMP) – everything must work together



EMP hardened technology is standing guard to protect the systems critical to our survival.

With EMP Hardened Technology, Your Equipment is Protected

Proven performance design is at the core of our **patented** Electromagnetic Pulse (EMP) hardened technology. Our buildings are designed from the ground up – component by component – to securely shield systems and instrumentation from the impacts of electromagnetic pulses.

nVent TRACHTE – the recognized leader in **ENGINEERED PROTECTION** – has applied expertise and proprietary design processes, allowing EMP hardened technology to provide ultimate protection for areas of vulnerability.

EMP hardened technology provides unmatched protection against all EMP – MANMADE, NATURAL or NUCLEAR



Validated



Tested



Proven

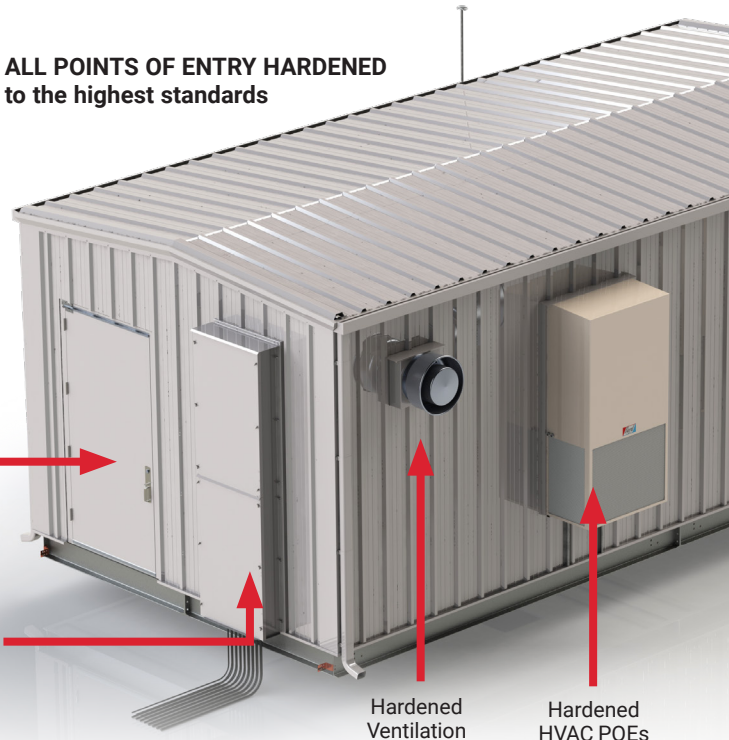
ALL POINTS OF ENTRY HARDENED to the highest standards

Hardened Personnel Entry

Hardened Cable Entry

Hardened Ventilation

Hardened HVAC POEs

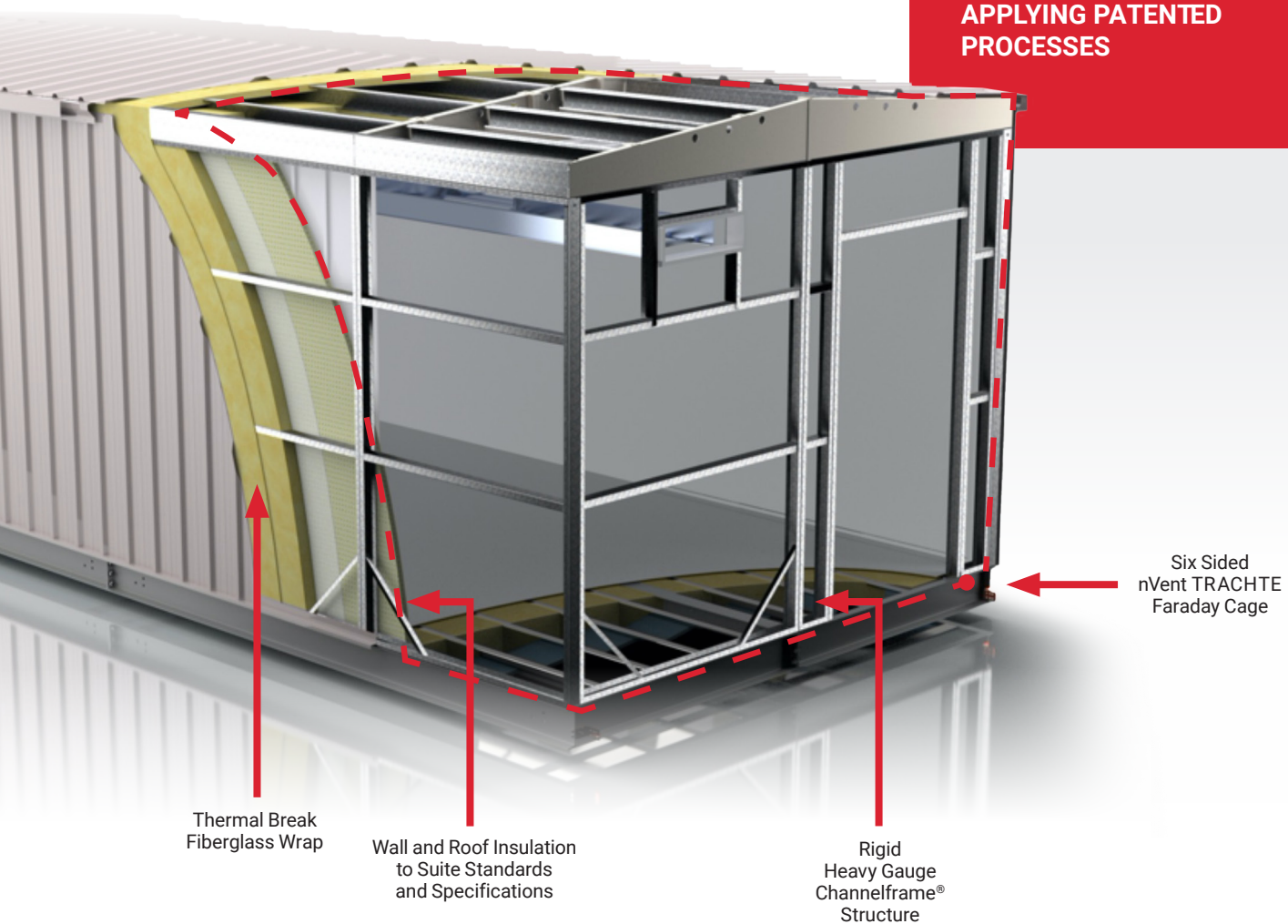


Current Construction + EMP Hardened Technology = Proven Design

EMP HARDENED FACILITIES FEATURE

- Same dimensions, appearance and structural properties as a standard nVent TRACHTE building
- Same interior and exterior materials, sheeting and finish options
- EMP hardening not visible from interior or exterior
- Shield layer sandwiched between interior and exterior panels
- Engineered EMP entry Doors, but with the same appearance

Standard nVent TRACHTE Building + EMP Enhancements



ADDITIONAL ENGINEERED PROTECTION

- Forced Entry
- Weather
- Ballistic
- Fire

NEW BUILDING FABRICATION

- Engineered & designed from the ground up
- Purpose-built, scalable solutions for your unique systems

RETROFIT EXISTING BUILDINGS

APPLYING PATENTED PROCESSES