



COMPANY PROFILE

Building Solutions Engineered for Performance

Powerful protection for
critical equipment and personnel



The Leader in Prefabricated Buildings for Critical Equipment Protection

TRACHTE, now nVent TRACHTE, is the leading manufacturer of engineered building solutions including substation control buildings, E-houses, modular data centers, energy storage solutions, and large-scale electrical equipment enclosures.

Our state-of-the-art design, engineered services, ability to customize, and trusted project management provide exceptional protection, energy efficiency, quality and convenience for highly technical customers and applications.

Since its founding in 1901, nVent TRACHTE continues to be a market leader in quality, customization, reliability, and customer service. From design and engineering to continuous project management support at every step, nVent TRACHTE is committed to providing unsurpassed quality and satisfaction to customers.

In 2023, TRACHTE acquired the Parkline brand and through the acquisition, expanded its value bundle with more products and manufacturing locations.



In 2024, the TRACHTE and Parkline brands were acquired by nVent, and together, as nVent TRACHTE, we will continue to leverage our core differentiators that are the most important to our customers.

NATIONAL COVERAGE

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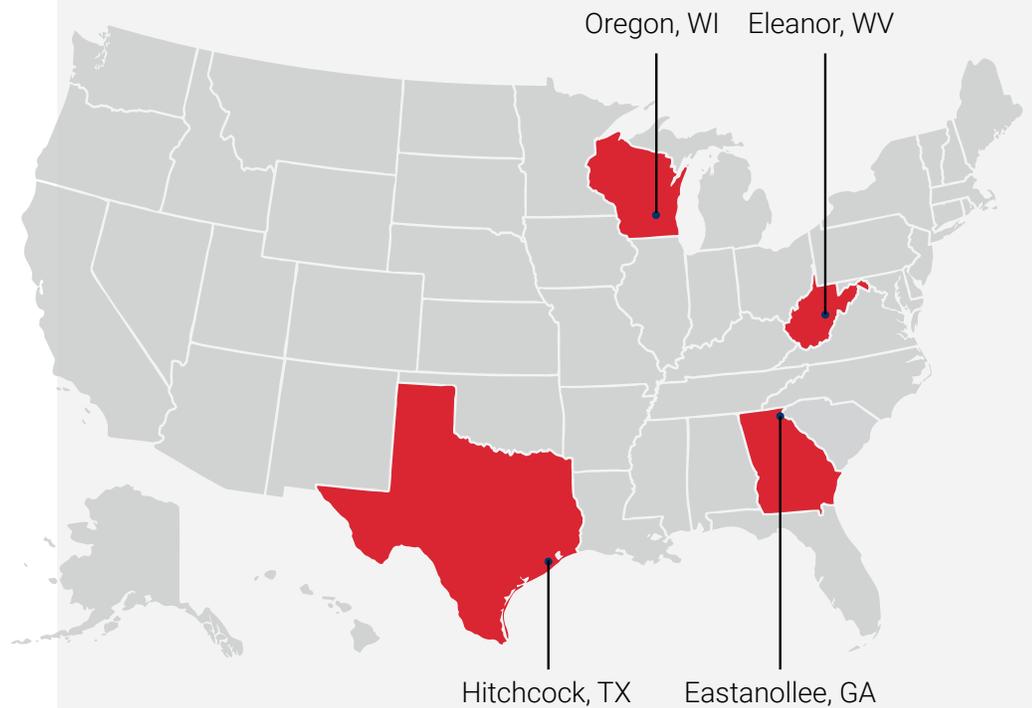
Strategically-Located Manufacturing Facilities

500K+

Square Feet of Total Space

650+

Total Employees



Why Choose nVent TRACHTE?

- **Breadth of Product** – Prefabricated, modular, integrated, and site-built solutions are custom-engineered to meet customer specifications.
- **State of the Art Design & Engineering** – Professionally Engineered stamped structural drawings provided for every project.
- **Unmatched Manufacturing Capabilities** – (4) Strategically located state-of-the-art facilities with over 500K SF of capacity.
- **Ability to Customize** – Add ballistics, electromagnetic pulse (EMP) protection, and fire-resistant materials to any building design.
- **Exceptional Project Management** - From order acceptance to delivery and post-sale support.

BUILDING SOLUTIONS CAN ALSO INCLUDE:

- Construction options with floors or no floors
- Expandability for fast, convenient, and economical growth
- 2-year warranties or 5-, 10-, and 20-year extended warranties



The Brand You Trust

Our industry leading engineered building solutions support utility, renewable energy, and data center applications across the U.S. We offer:

- **Safety** – Our products keep critical equipment and personnel safe and are built in a factory environment where safety is our highest priority.
- **Resiliency and Protection** - Our solutions add resiliency to critical systems with protection from natural and human made disruptions.
- **Customer Productivity** – Our lean improvements help to reduce labor cost in design and manufacturing in order to meet on time delivery schedules and lead times.
- **Lifespan and Serviceability** – We connect and protect your investment and offer long-lasting production thereby reducing waste and lowering replacement costs.
- **Energy Efficiency** – Buildings are specifically designed and engineered to have maximum energy efficiency and offer protection from environmental factors and extreme weather conditions.
- **Eco-Friendly** – We support customers' sustainability goals; buildings are made of steel, which is sustainable, recyclable, and durable.



120+ years
of success

Building Solutions Engineered For Performance - Sustainability - Security

nVent TRACHTE manufactures substation control buildings and E-houses for a variety of markets including T&D, Data Centers and Power Generation.



TRANSMISSION & DISTRIBUTION (T&D)

Substation control buildings are a crucial component of the T&D infrastructure and ensure an efficient and reliable grid. nVent TRACHTE specializes in control buildings for electrical utilities, EPC firms, relay control panel manufacturers and integrators.



COMMUNICATIONS

Utility and commercial communication markets keep our world connected. nVent TRACHTE manufactures durable, expandable buildings for electric and gas utilities, cellular communications companies, wireless & microwave carriers, combined service utilities, and more.



RENEWABLE ENERGY

The increased demand for renewable energy sources continues to rise throughout North America. nVent TRACHTE's prefabricated buildings support solar, wind, and battery energy storage systems through substation interconnection.



TRANSPORTATION

nVent TRACHTE prefabricated buildings and integrated packages protect valuable equipment for federal, state, city and municipal transportation authorities, rapid transit, inter-urban, rail, bridge, tunnel, and other agencies.



POWER GENERATION

A substation control building for the power generation industry provides a designated and secure space for housing control and monitoring equipment, helping ensure the safety of personnel and equipment.



ORIGINAL EQUIPMENT MANUFACTURER (OEM)

nVent TRACHTE works hand-in-hand with our OEM partners to fully integrate their equipment seamlessly into a prefabricated building designed around their specifications and needs. Be it switchgear or variable frequency drives, we provide turnkey integration.



DATA CENTERS

Data centers support mission critical technology that demands absolute reliability and precision. Fully integrated buildings from nVent TRACHTE offer data centers a turnkey solution for switchgear and other heavy electrical equipment.



GOVERNMENT

The military, federal agencies, and government help protect us. And nVent TRACHTE buildings help protect them. Our expandable and integrated buildings are designed and engineered for applications such as communications centers, emergency radio networks, FAA airport equipment, and other critical equipment systems.



WATER

The water and fluid management industries rely on specific features like pumps, motor controls, and power distribution systems. Prefabricated buildings and integrated packages from nVent TRACHTE can keep these critical operations protected for wastewater and pumphouse applications.

[LEARN MORE](#) →



nVent TRACHTE buildings have house electrical and mechanical equipment preinstalled and tested before shipping for optimal project management, schedule efficiency & quality control.

BENEFITS OF AN NVENT TRACHTE BUILDING SOLUTION

- Cost-effective
- Heavy duty steel framework
- Durable in all weather climates
- Design versatility
- Maintenance-free exterior
- Energy efficient
- Environmentally friendly



Pre-Engineered Buildings

nVent TRACHTE preassembled buildings are custom-engineered and factory-built to either include a steel floor or no floor for drop-over projects. All preassembled buildings are backed by a full 2-year warranty, with extended 5-, 10-, and 20-year warranties available, giving you engineering peace of mind.



PREASSEMBLED BUILDINGS WITH FLOORS

- Insulated, structural steel floor systems
- Standard floor loading 125PSF
- Floor deck has slip-resistant epoxy coating
- Rodent/moisture barrier
- Steel floor assemblies are lifted from base-frame mounted pick-points
- Placement on concrete piers, grade-beams, frost-walls, concrete pads, steel platforms, mezzanines, and other structures

PREASSEMBLED BUILDINGS WITH NO FLOOR

- Typically uses perimeter angle steel base frame
- Ideal for “drop-over” type projects, such as site integrated relay panels, pump equipment, and battery buildings
- Lighter and less expensive
- Uses site-poured concrete pad for building floor
- Can be placed on a curb or knee-wall for buildings requiring taller ceiling height



Integrated Equipment Packages

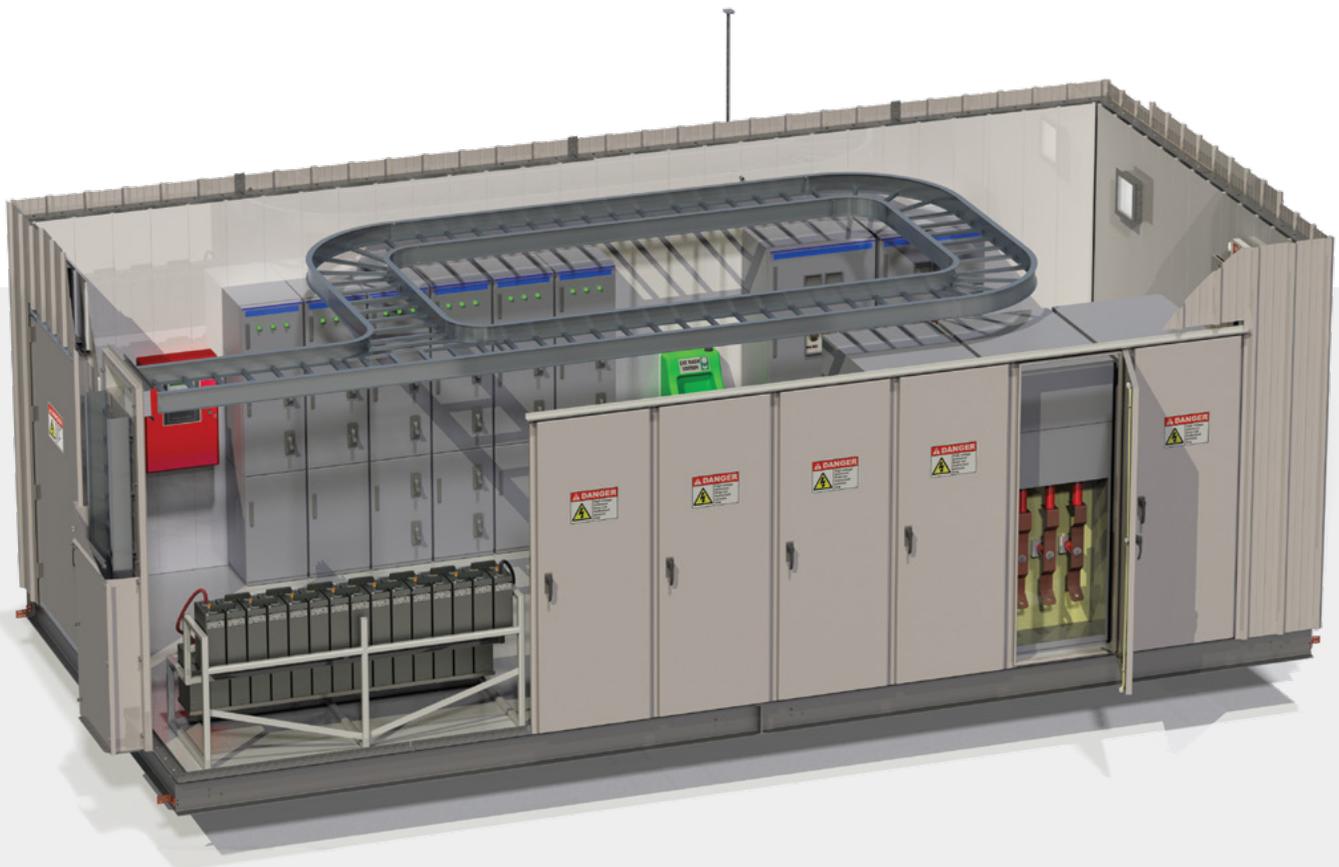
nVent TRACHTE buildings are preassembled, not prepackaged. Our custom-engineered E-houses are designed in collaboration with our OEM partners around the electrical assets and the customers application requirements. This provides nVent TRACHTE customers with a seamless turnkey solutions partner for switchgear, motor control, relay protection and other system-critical electrical solutions.

TYPES OF INTEGRATED EQUIPMENT

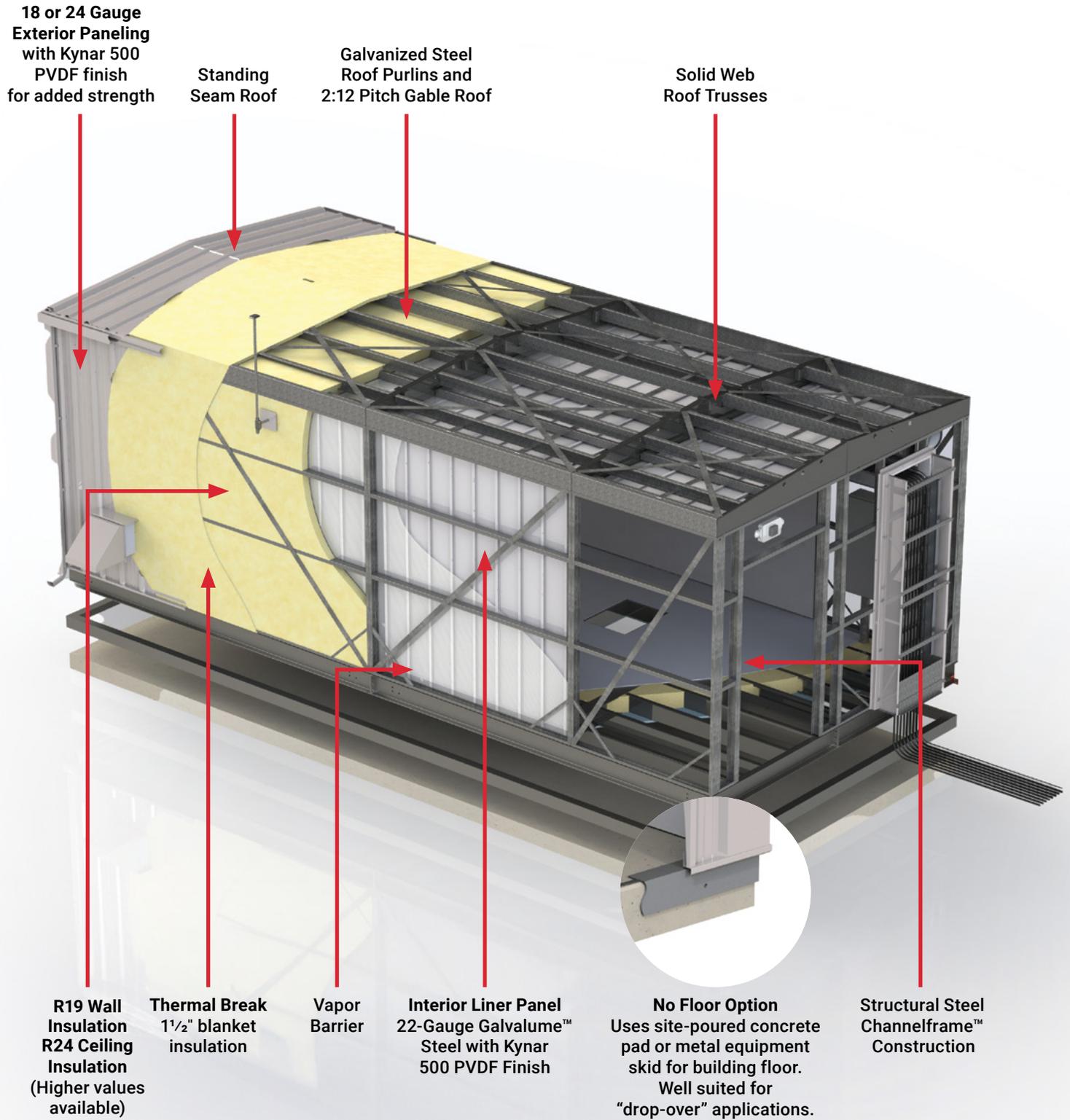
- Switchgear – Low Voltage and Medium Voltage, Air or gas-insulated
- Motor Control Centers (MCC)
- Variable Frequency Drives (VFD) for low or medium voltage
- Breaker control panels or MIMIC panels
- Marshalling cabinets
- Balance of Plant (BOP) equipment, DCS, PLC, SCADA, etc.
- Inverters/rectifiers
- Station service battery systems
- UPS & related back-up equipment
- Pumps & equipment for mechanical integration

INTEGRATED BUILDING BENEFITS

- Minimal time on-site for installation
- Compressed project schedules
- On-time delivery
- Dedicated project management resources
- Reduced engineering and procurement costs
- Installation & connection of electrical equipment in a quality-controlled environment
- Pre-shipment Factory Acceptance Testing (FAT)



Pre-Engineered Building Features



Modular and Site-Built Building Solutions

MODULAR: EXPANDABILITY FOR CONVENIENT AND ECONOMICAL GROWTH

Modular buildings are constructed from interlocking galvanized steel panels, designed to order and optimized for performance.



Standard features

- 18-24 Gauge Interlocking Galvanized Panels with double turn-back flange
- Wall Flanges with bottom edge flange or fastened internally
- Superior Structural Integrity

Optional features

- 12-16 Gauge Wall/Roof/Ceiling Panels
- Custom Sherwin Williams Wet Paint After Fabrication
- 12-18 Gauge Flat Panels
- 18-24 Gauge Roll Formed Panels available in 6 Standard Colors
- Blown Insulation and Mineral Wool Insulation
- Fire and Wind Rated Doors

Structural Base Options

- Decked Base
- Drag Skid Base
- Open Base
- Equipment Base
- Extended Base

SITE-BUILT: FLEXIBLE, MODULAR BUILDING SOLUTIONS ADJUST TO SITE CONSTRAINTS & REQUIREMENTS

Site-built solutions are ideal for remote locations, difficult-to-access sites, interior or underground applications, platform/mezzanine mounting, and other locations or applications that are unsuitable for a factory assembled modular building.



- Designed and built to order – shipped and ready for onsite assembly
- Field erection crews handle on-site build from start to finish
- On-site assembly requires no expensive equipment to erect your building
- On-site support services include offloading, setting and commissioning
- Option upon request to perform field wiring and electrical equipment integration
- All drawings are in accordance with the local codes and professionally engineered and stamped

Prepackaged For Site Delivery

- Complete interlocking structural framework; panelized and palletized
- Galvanized steel wall panels
- Foundation, skid or platform mounting

Building Customizations

nVent TRACHTE buildings are customized to your specifications and can accommodate non-standard building dimensions, alternate exterior finishes such as split face block or stucco, and a variety of different roof designs. Customers can also choose from additional structural and electrical features such as upgraded doors, partition walls, and additional AC/DC equipment.

PROTECT YOUR BUILDINGS WITH SECURITY ADD-ONS

Choose from additional security customization options to better protect critical equipment and personnel from safety threats.



Ballistics Protection

UL-rated bullet-resistant materials can be added to nVent TRACHTE's structural-steel framework while maintaining energy efficiency, thermal performance, and resistance to water intrusions.



EMP Hardened Technology

nVent TRACHTE applies patented EMP mitigation techniques and engineered EMP-resistant materials to all points of entry and building penetrations including entry doors, HVAC openings, cable tray, and conductors.



Fire Resistant Construction

Add fire resistant materials including fire-rated doors, mineral wool, and drywall to interior/exterior walls and roof/ceiling structures to achieve an industry standard fire rating.



[LEARN MORE](#) →

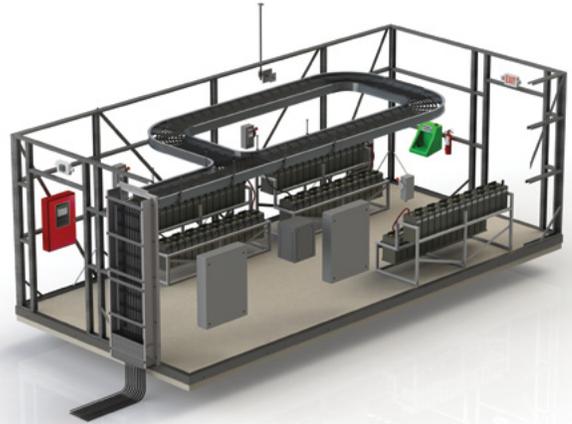
Design & Engineering

nVent TRACHTE buildings have a structural steel framework, are expandable, energy efficient, and designed according to structural design load requirements, state building codes, and the National Electrical Code.

BUILT BY THE HIGHEST STANDARDS

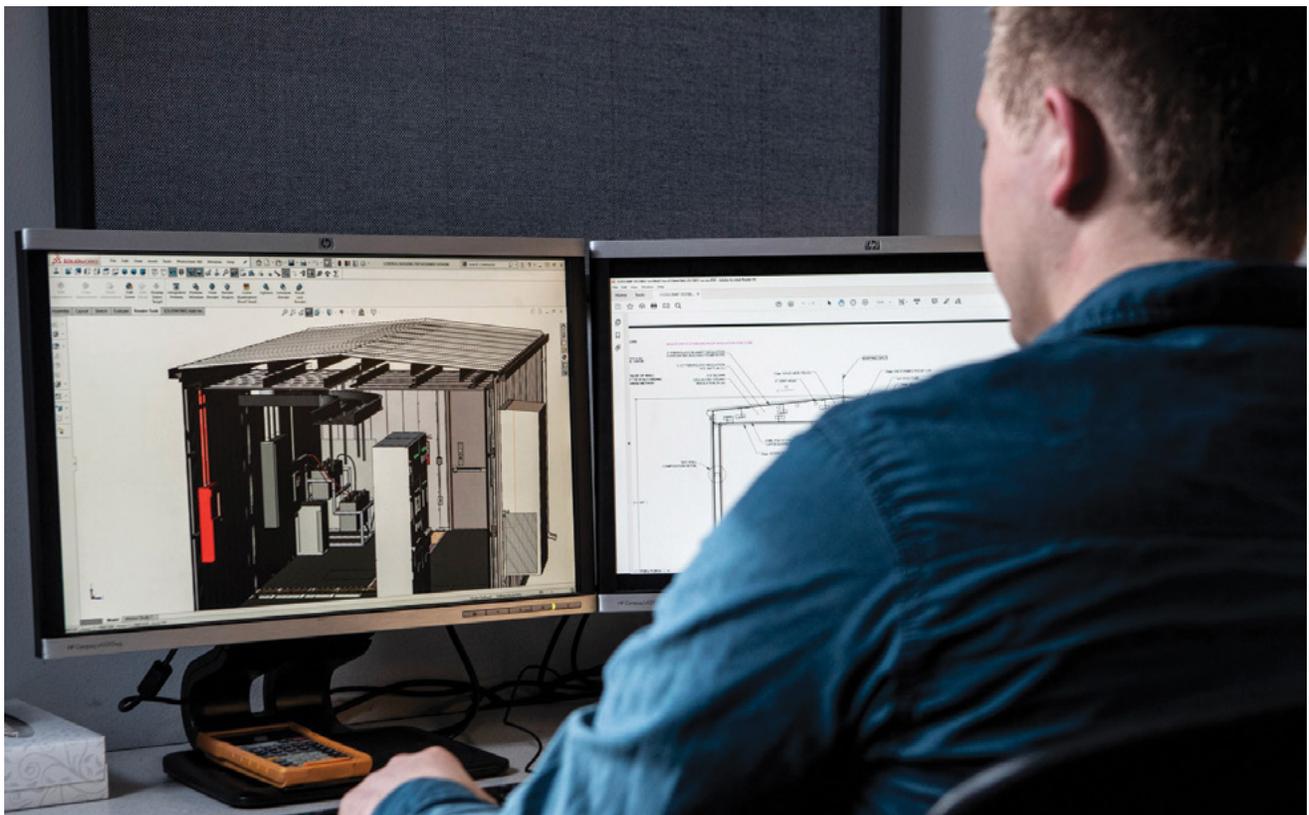
nVent TRACHTE has been building high-quality buildings for our clients since 1919. And while our commitment to excellence is steadfast, we are constantly evolving our practices to align with the latest editions of American Society of Civil Engineers (ASCE), International Building Code (IBC) and National Electrical Code (NEC).

Our team collaborates with other outside experts including our third-party certification agency of manufactured structures, an energy consulting agency as well as professional structural, electrical, mechanical, and plumbing engineers as needed.



STATE APPROVALS

- nVent TRACHTE is licensed in all states that require a state modular building approval program
- All buildings are inspected & certified by an independent 3rd party agency
- Every structure is delivered with state labels, third-party certification labels, and a data plate adhered to the building
- All nVent TRACHTE buildings receive professionally engineered and stamped structural drawings and calculations





QUALITY ASSURANCE

At nVent TRACHTE, we're dedicated to following 5 pillars of quality management to ensure long-term customer satisfaction. These pillars are:

- 1 Quality Planning**
Setting objectives to meet customer needs
- 2 Quality Control**
Defined measures and activities to ensure product requirements are met
- 3 Quality Assurance**
Systematic process of measuring and continuous improvement
- 4 Quality Improvement**
Applying Lean, TQM and other techniques to identify areas of improvement
- 5 Quality Management System (QMS)**
Formal processes and procedures to plan, execute and monitor quality

QUALITY MANAGEMENT SYSTEM

- CWB Weld Quality
- Certified CSA A660
- ISO Certified 9001:2015



CERTIFIED QUALITY



The American Society of Civil Engineers (ACSE)



The Metal Building Manufacturers Association (MBMA)



The International Building Code (IBC)



Uniform Building Code (UBC)



National Electrical Code (NEC)

Services & Support

From planning to project management to production, your business is our top priority.

PROFESSIONAL PROJECT MANAGEMENT & SUPPORT START TO FINISH

From planning and scheduling to shipping and site coordination, our expert project management team provides personalized service for each and every build. Our aim is to provide customers with a predictable, efficient, high-quality experience from kick-off to final acceptance.

DEDICATED TEAM

In addition to our expert project managers, each building project comes with dedicated support staff to ensure the highest level of quality. Support staff can include professional scheduling, design, engineering, drafting, electrical, procurement, manufacturing, shipping & site coordination, and specialized site services support personnel.

SUPPLY CHAIN MANAGEMENT

Our professional supply chain management team handles the sourcing and procurement of all parts, components, materials and services needed. Working with our project managers to ensure the parts we integrate are available when needed and meet the quality requirements our customers have come to expect from nVent TRACHTE.

SHIPPING & SITE COORDINATION

Our professional shipping and site coordination team can handle the arranging, planning, permitting, staging, preparing, and loading of all nVent TRACHTE buildings. Our team coordinates with experienced transportation experts and qualified over-the-road contractors to ensure oversized loads are handled with the right specialized equipment and experience to transport them safely and efficiently.

BEST-IN-CLASS WARRANTY

When you choose nVent TRACHTE, you can feel a sense of confidence that your prefabricated building will last. For added peace of mind ALL nVent TRACHTE buildings are backed by a full 2-year warranty on parts and labor. Additional warranties can be purchased to extend this protection 5-, 10- or 20-years.

Protection from the elements: 30- and 40-year warranty on all exterior sections with Kynar 500 PVDF resin-based super coating.

SITE SERVICES

You trust nVent TRACHTE buildings to protect what matters. Trust our experienced, efficient technicians to ensure your installation is done right.

Optional site services for prefabricated buildings and enclosures include:

- Crane service
- Rigging
- Off-loading
- Setting & anchoring buildings
- Reconnecting and weatherproofing shipping-splits
- Reattaching items removed for shipping



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CONTACT US →



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE