

# Security Walls Solutions



**Oldcastle** Infrastructure™  
A CRH COMPANY

**Built to Take  
the Heat**





# Safeguarding **Valuable Assets**

Providing the fastest to install and most reliable long duration fire containment and ballistic walls on the market is our commitment. Our TruFireWalls™ and Defender walls are built to protect and are preferred by enterprise owners, operators and contractors to build critical energy facilities.

Oldcastle Infrastructure provides utility, renewable sites and enterprise owners—data center and battery electric storage system operators—with a proven solution and peace of mind.

TruFireWalls exceed industry standards and construction codes to protect the critical assets that keep businesses running strong.

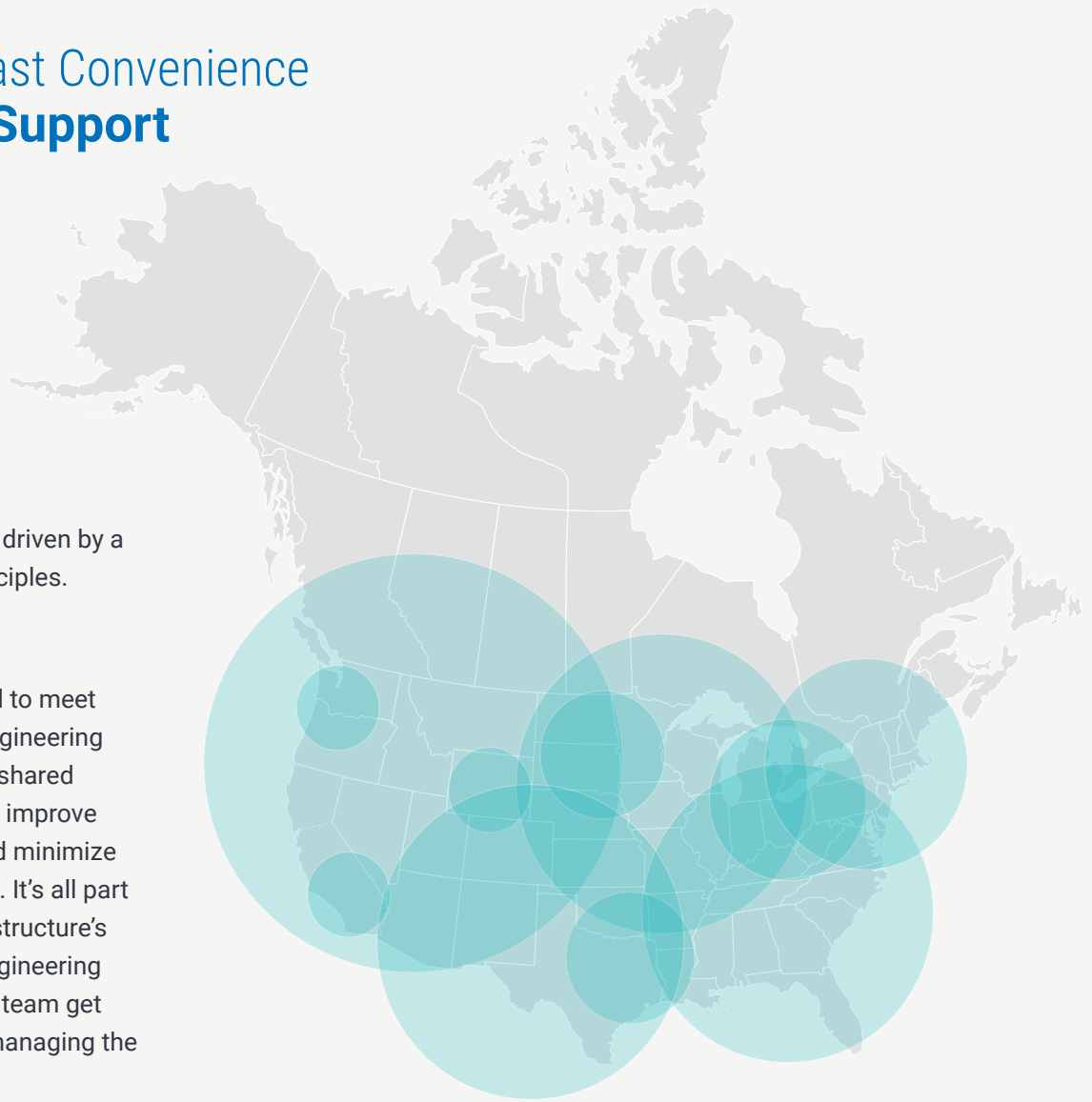
Defender Walls are engineered to safeguard critical infrastructure from the dangers of ballistic attacks, enhancing safety and security measures.



## Coast to Coast Convenience and Local Support

Our network of over 80 locations nationwide ensures overcoming complex supply chain and facility requirements with the utmost dedication to crafting customized solutions driven by a customer-centric principles.

Products are modified to meet specific needs and engineering plans are refined and shared across our network to improve building efficiency and minimize environmental impact. It's all part of the Oldcastle Infrastructure's consultative, value-engineering support that lets your team get back to focusing on managing the construction site.



## Sustainability and Environmental Responsibility

At Oldcastle Infrastructure, we believe we're all stakeholders in the preservation of our planet, and it's our collective duty to contribute to environmental sustainability, which also encompasses financial sustainability.

We're committed to refining production methods such as utilizing low-carbon concrete and dedicated to protecting fresh water through AI-powered leak detection. As your total site solutions partner, we're dedicated to help you overcome supply chain disruptions to minimize environmental impact.

# TruFireWall™

A proven solution for protecting the critical infrastructure inside power substations and data centers, TruFireWalls safeguard the assets that keep your business running strong. Constructed with lightweight panels and columns, our pre-engineered system interlocks seamlessly for minimized time on-site.

- **PROVEN PROTECTION** TruFireWalls have proven performance after a 4-hour fire exposure test and the 45 psi water jet blast test at 1,960° F. They have been third-party independent tested per ASTM E-119 in support of IEEE Std 979 are in compliance with IBC construction codes.
- **WATER DAMAGE PREVENTION** Fire barriers (with additional smoke detection systems) can be installed at data centers and battery storage sites around power distribution equipment, batteries, and back-up generators in place of automated sprinkler systems, reducing the chance of costly water damage in the event of a false alarm or small fire.
- **IMPACT RESISTANT** TruFireWall offers UL752 level 3 ballistic resistance & protects against shrapnel impingement.
- **EFFORTLESS INSTALLATION** Easily assemble TruFireWalls using our lightweight panels with a unique refractory cement design. No special training required for installation, ensuring quick setup of a standard 25 ft tall x 30 ft long wall in a day or less.



# Defender Wall

Defender walls are pre-engineered wall systems designed to address safety and security threats specific to critical infrastructure. They can be used inside and outside substations and data centers as perimeter walls, high-value asset protection, and small fire protection. Wall designs are highly adaptable and have been engineered to fit a variety of applications.

- **HEIGHTEN PROTECTION** Defender Walls offer ballistic resistant up to UL 752 Level 10 and protect against flying debris.
- **2-HOUR FIRE RATING** Defender Walls are designed to the 2-hour fire exposure test per PCI 10.5.1.
- **QUICK AND SIMPLE INSTALLATION** Defender Walls are built from prefabricated, grooved columns and slide-in panels and are installed with standard tools. Construct one standard 25ft tall x 50ft long wall in one day or less.
- **VERSATILITY & FLEXIBILITY** Defender Wall is able to be easily repaired if any ballistic damage occurs due to the removable panels & modular design. Versatile and adaptable to any site layout, our solution guarantees both efficiency and durability.
- **WIND LOAD STRENGTH** Defender Walls can be designed to withstand winds up to 160 mph.







## Protecting **Critical Infrastructure**

Oldcastle Infrastructure provides security wall solutions designed for substations, data centers, battery electric storage, and other sites where critical infrastructure is located.

At substations TruFireWalls are utilized to separate and protect electrical transformers and Defender Walls to protect the perimeter of these critical infrastructures. At data centers and battery storage sites, owners have replaced sprinkler systems with TruFireWall plus smoke detectors, which minimize water damage throughout the facility when fire suppression is activated.





Data centers, substations and other critical sites (such as battery electric storage systems) rely on Oldcastle Infrastructure for perimeter security, ballistics protection and fire protection to keep our infrastructure safe.

1 TruFireWalls™

2 Defender Wall



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Full scale solutions.