



Data Centers

 **FABCON**

Precast Concrete Guide

BUILDING SMARTER, FASTER, AND MORE EFFICIENT

Revolutionizing Data Center Construction

In the fast-paced world of data center construction, speed, reliability, and cost-effectiveness aren't just important—they're essential. Fabcon brings over 50 years of experience in delivering cutting-edge precast concrete solutions that meet the toughest demands of hyperscalers, co-locators, architects, and general contractors.

Our precast systems offer durability and performance to contribute to sustainability in construction. They help reduce the volatility caused by weather delays, as they are less dependent on clear conditions, making them an ideal choice for year-round construction.

Our reach across the country supports repeatability in design, customer experience, execution, and value engineering, enabling us to efficiently support projects with our capacity and logistics. We specialize in delivering precast concrete solutions that meet rigorous performance standards while ensuring your projects stay on schedule, within budget, and align with environmental goals.

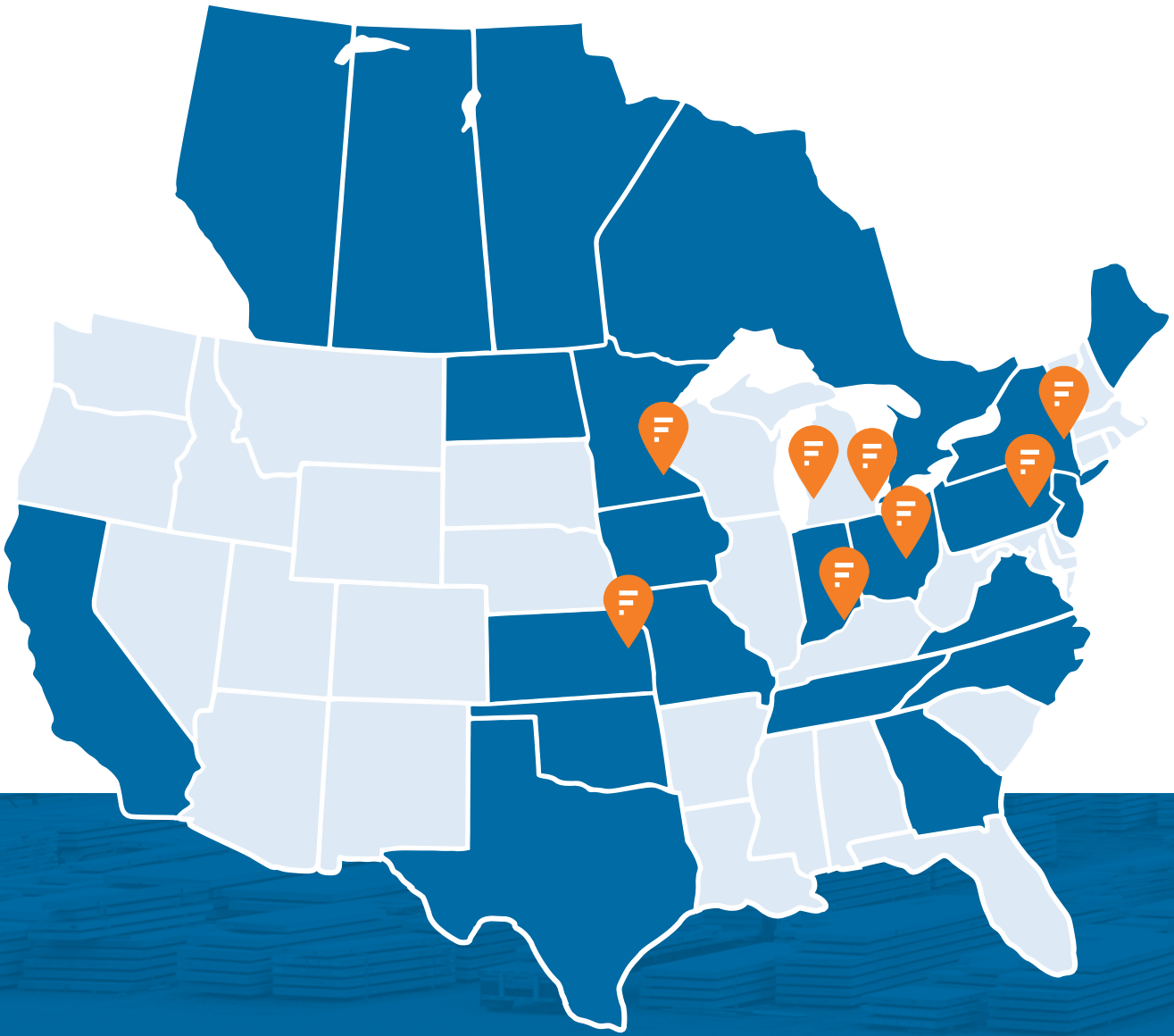
Call (800) 727-4444 if you're not currently working with a Fabcon Sales Engineer.

We've Got You Covered

Eight locations and multiple options

Our eight strategically located manufacturing facilities ensure an effective delivery span that covers most everything east of the Rockies and north of the Gulf Coast. We have delivered and installed our product all over the United States and also in four Canadian provinces.

Dark blue represents the states where Fabcon has produced a data center.



We Make It Happen, Faster.

When you choose Fabcon, you're choosing more than just precast panels—you're choosing a partner who is with you through the entire project from start to finish.

Customized Turnkey Solutions

You get the biggest benefit when we're a part of your project team from the start. From inception to installation, our solutions are designed to support structural and architectural precast solutions.

CAPABILITIES

Consultation

We partner with our customers from day one, offering customized turnkey solutions that meet project demands.

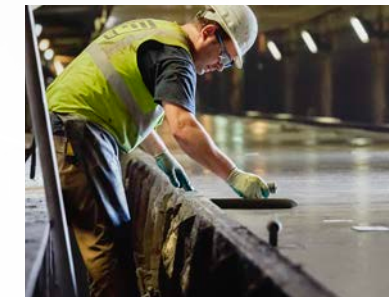
Project Management

Our skilled in-house team takes full responsibility for every project, guiding it through all phases from engineering through install. This comprehensive approach allows us to maintain strict control over each stage and ensure the best results.



Design

Our engineering and drafting teams partner closely with the structural and architectural teams to ensure our designs align with project specifications.



Manufacture

State-of-the-art manufacturing facilities are climate-controlled and PCI-certified, helping ensure accuracy and quality for every project and application.



Logistics

Detailed yard operations go beyond storage to include quality inspections, finish treatments, and delivery sequencing that help expedite project timelines.



Installation

Our highly trained, expert PCI-certified installers tailor installation methods to each project and site-specific needs.

Rock-Solid Solutions For Your Next Project

Fabcon's structural precast panels offer endless rock-solid solutions for time and budget-sensitive projects. We build corporate headquarters to grocery stores, manufacturing facilities to ice arenas, and car dealerships to data centers and more.

- Warehouse
- Office
- Entertainment
- Manufacturing
- Retail
- Data Center
- Community / Public
- Education



The Go-To Choice For Data Centers

When you choose Fabcon, you're choosing more than just precast panels — you're choosing a trusted partner committed to delivering excellence, efficiency, and long-term value.

01 Superior Energy Efficiency & Thermal Performance

Our Thermo Dynamic Insulated Wall Panels ensure regulatory compliance and provide exceptional thermal performance in any climate. This translates to reduced long-term energy costs and a stable environment for sensitive equipment.

02 Versatile & Durable Solutions

Fabcon provides tailored precast panels, from lightweight for reduced loads to heavy-duty for extreme durability, ensuring secure, long-lasting structures that withstand modern operational demands.

03 Faster Construction Timelines

With over 20 million square feet of precast panels produced annually, we have the expertise and capacity to fast-track your project. Our panels arrive on time, ready to install, minimizing downtime and speeding up operations.

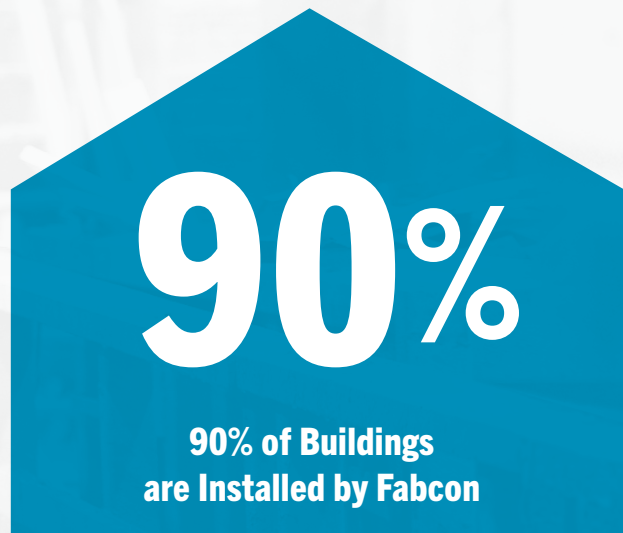


04 Consistent Quality & Controlled Manufacturing

Our state-of-the-art manufacturing process guarantees high standards with minimal on-site errors and rework. This ensures repeatable results, reduces risk, and minimizes delays and cost overruns.

05 Unmatched Reliability & Experience

With over 50 years of experience collaborating with hyperscalers, co-locators, general contractors, and architects, we've built a reputation for delivering data centers that exceed expectations.

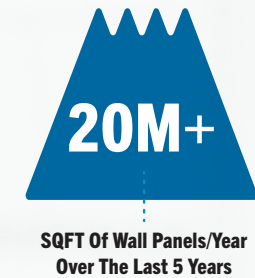
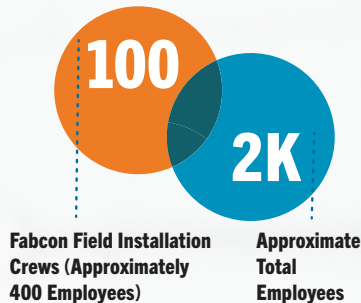
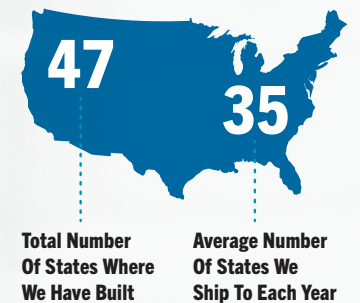


On-Time Delivery
We know deadlines matter. Our streamlined manufacturing process and efficient logistics system ensure that your panels arrive exactly when you need them. This allows for quick installation & eliminating project delays.

Proven Track Record
We've worked with leading hyperscalers and co-locators to deliver data centers of all sizes and complexities. Our vast experience means we can handle any challenge and deliver solutions that meet your specific needs.

Certainty and Peace of Mind
When you partner with Fabcon, you're getting more than just precast panels. You're getting a team that is committed to delivering on time, within budget and without surprises. We eliminate the guesswork and keep your project on track.

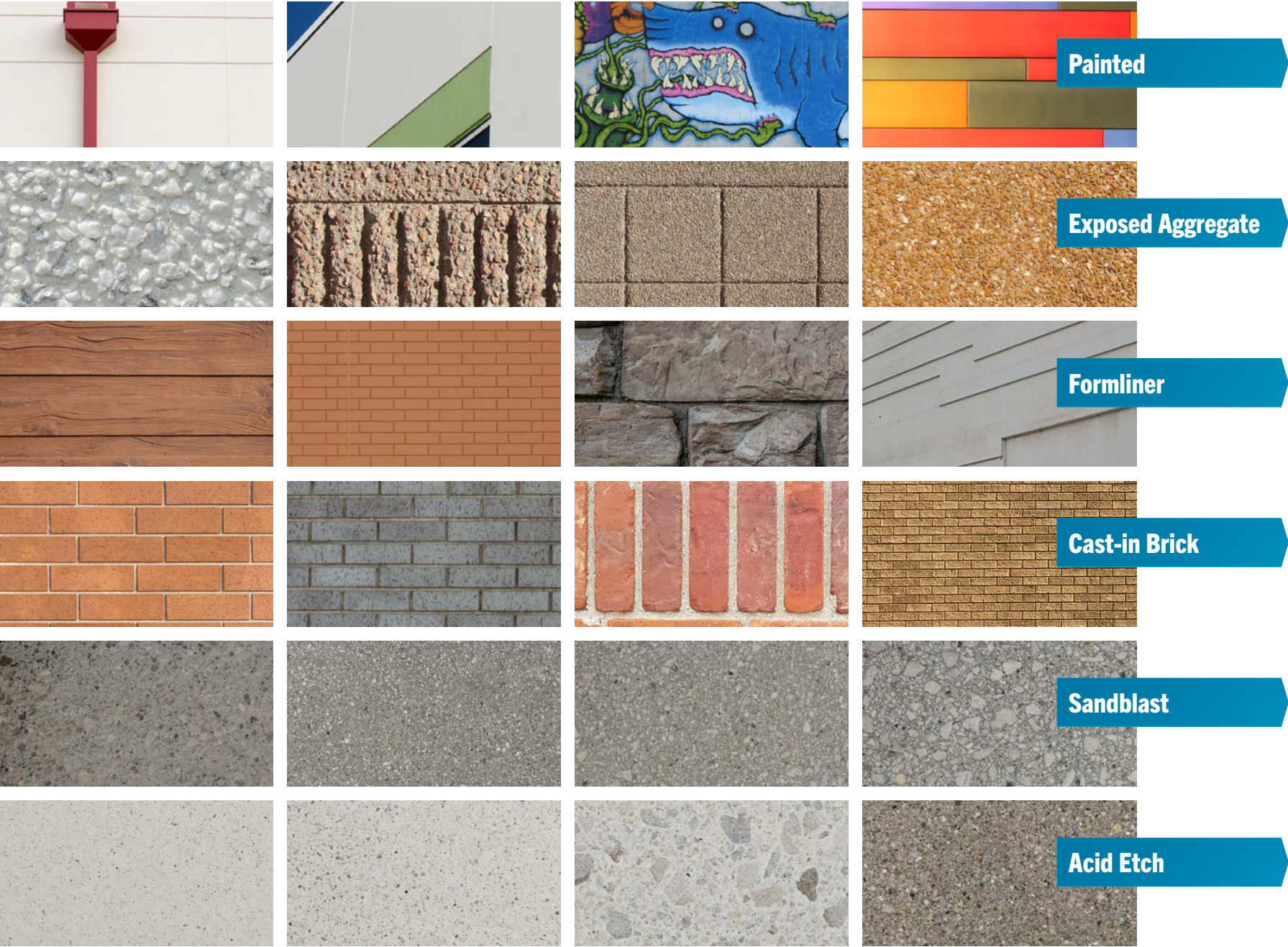
**We Know the Challenges.
Let's Build Smarter.**



Your Finish, Your Way






Our precast panels are available in a multitude of colors and finishes for your exteriors. Your imagination is the only limitation when considering the scope of naturally occurring aggregates, pigments, and custom imprint capabilities.

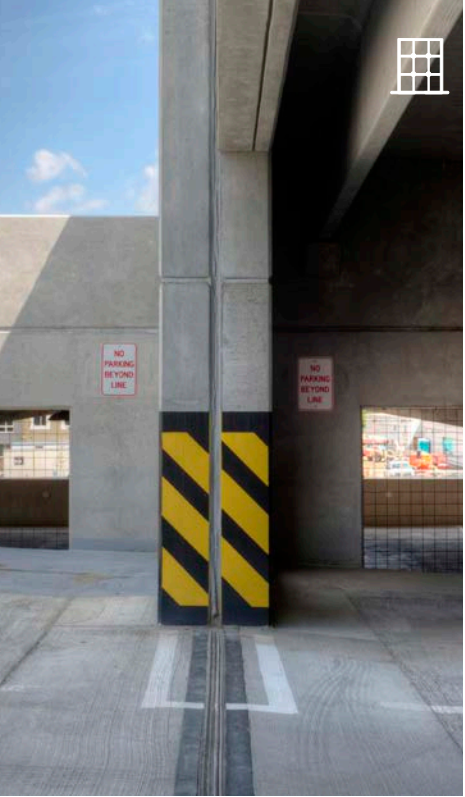
FINISHES



For more details, see our [Finishes and Capabilities Guide](#).

Walls Panel Types

 Architectural	 Structural	 Insulated	 Elevator / Stair Shaft	 Shear Walls
<p>Architectural Precast Wall Panels are secured into the building's super-structure and offer a wide range of decorative finishes.</p>	<p>Structural Precast Wall Panels are built to resist and stabilize roof, floor, and lateral building loads.</p>	<p>Insulated Precast Wall Panels feature both structural properties and architectural abilities which include a thermal insulation layer between the interior and exterior concrete wythe.</p>	<p>Elevator / Stair Shaft Precast Wall Panels are used with stairs, landings, and openings for quick and efficient installation, offering a time saving alternative over masonry or wood based products.</p>	<p>Shear Precast Wall Panels provide the structures with lateral load stability.</p>



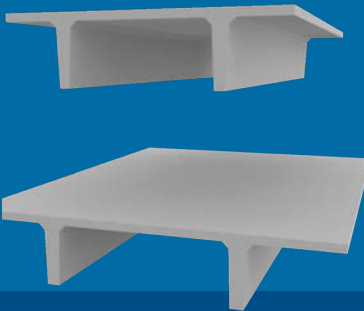
A TOTAL SOLUTION

Cutting-Edge Building Method

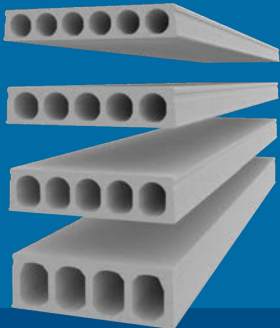
The elements of the building, including walls, floors, columns, beams, and even façade panels, are manufactured off-site in a controlled environment. Precast elements are then transported to the construction site and assembled. The integration of precast components offers many advantages, such as accelerated construction timelines, enhanced durability, and consistent quality. The modular nature allows for customization in design, enabling you to explore innovative aesthetics while adhering to structural requirements.



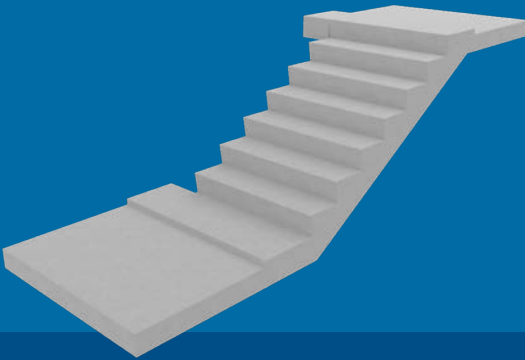
TOTAL PRECAST COMPONENTS



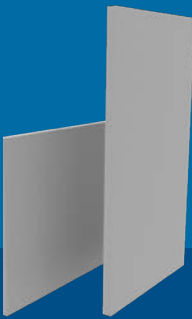
Double Tee



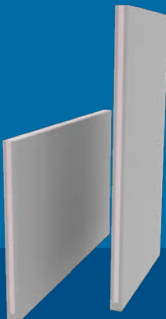
Hollowcore



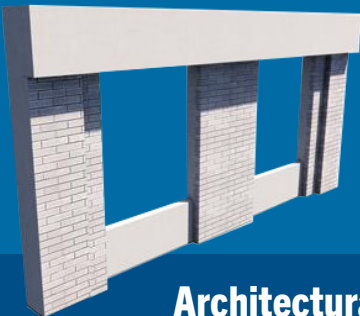
Stairs



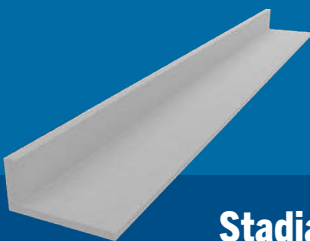
Solid Wall Panel



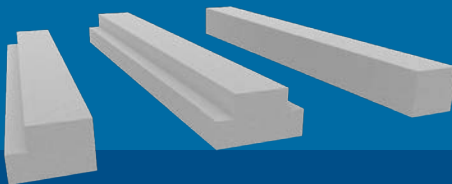
Insulated Wall Panel



Architectural Wall Panel



Stadia



Beams



Columns

Fabcon Projects



BUILT STRONG AND BUILT TO LAST



Get Fabcon Involved Early – Save Time, Save Money

Ready to transform your data center construction process? Our team of experts and our cutting-edge precast solutions are here to help you build faster, smarter, and with more confidence.

fabconprecast.com / 800-727-4444

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