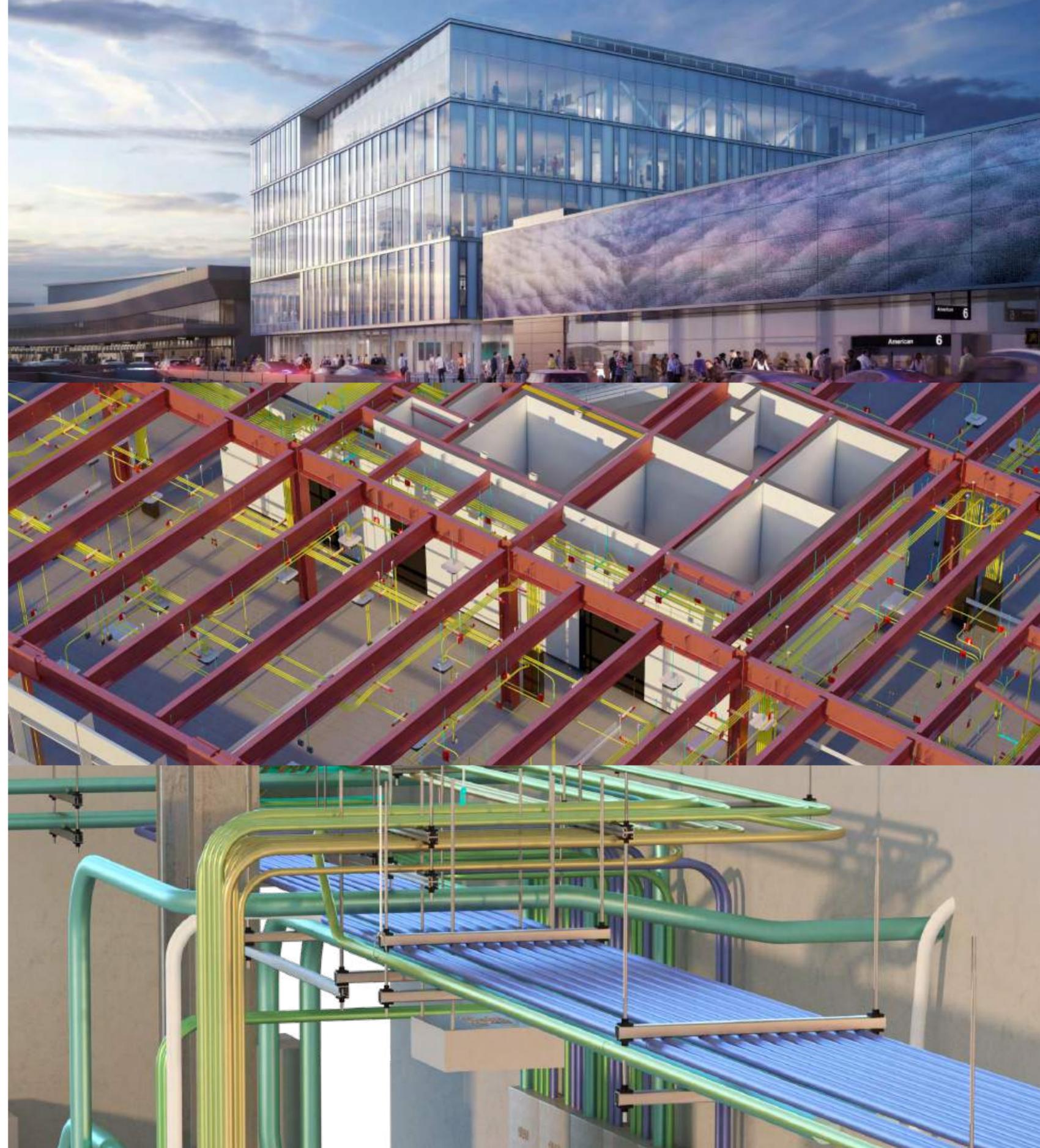




GENERAL SOQ

Helping the Best Build Better



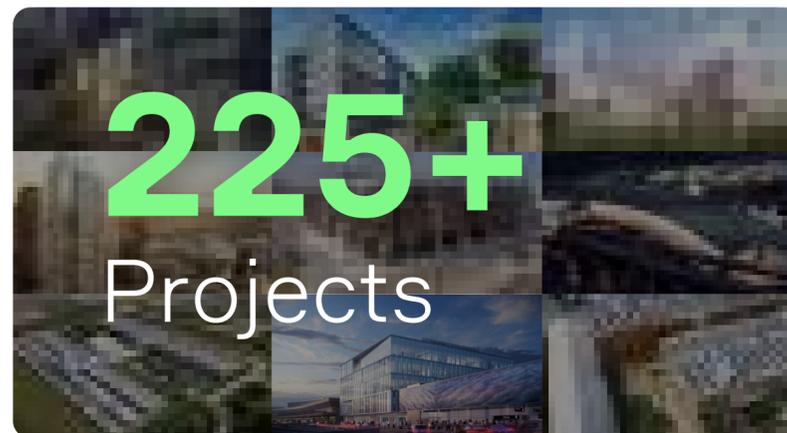
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WHO WE ARE: BUSINESS PROFILE

VEC is paving the way in digital transformation for the AEC industry. As a **BIM/VDC service provider**, we have deep roots woven with first-hand **construction** and **engineering** project delivery backgrounds. That provides us with a construction-first, technology-second mindset. We love what we do, our VEC community, and **helping the best build better**.

With vast **expertise in BIM and virtual design and construction technologies**, VEC is a constantly growing business working with leading architects and contractors. Since the foundation, we have delivered over **225 nationwide projects**. And with about 150 BIM virtual construction experts, our company is among **the most experienced BIM and VDC vendors in the USA**. That allows us to assist customers in designing, building, and managing projects more effectively, leverage BIM advantages, and ensure the proper project lifecycle.

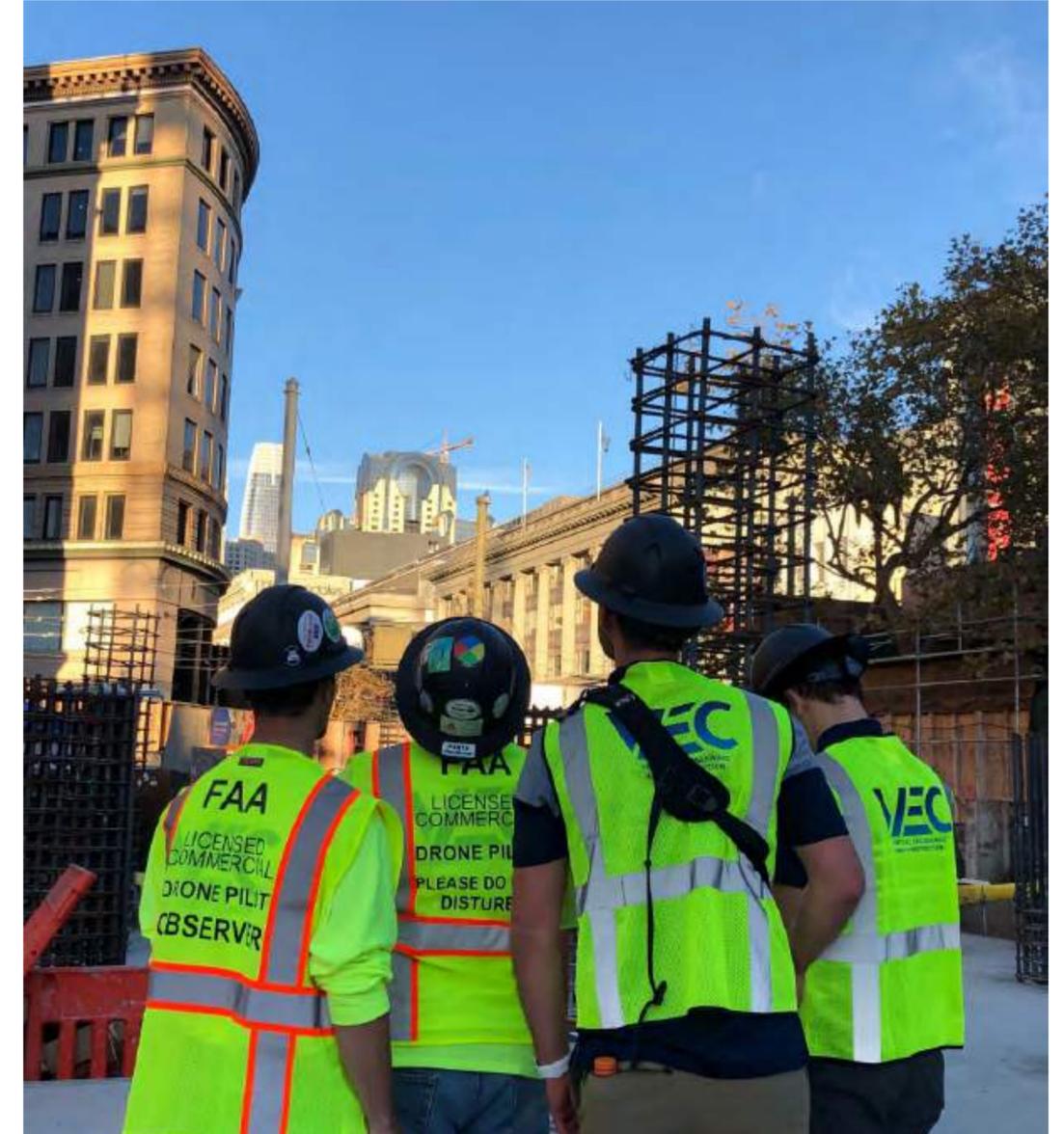


COMPANY EXPERTISE

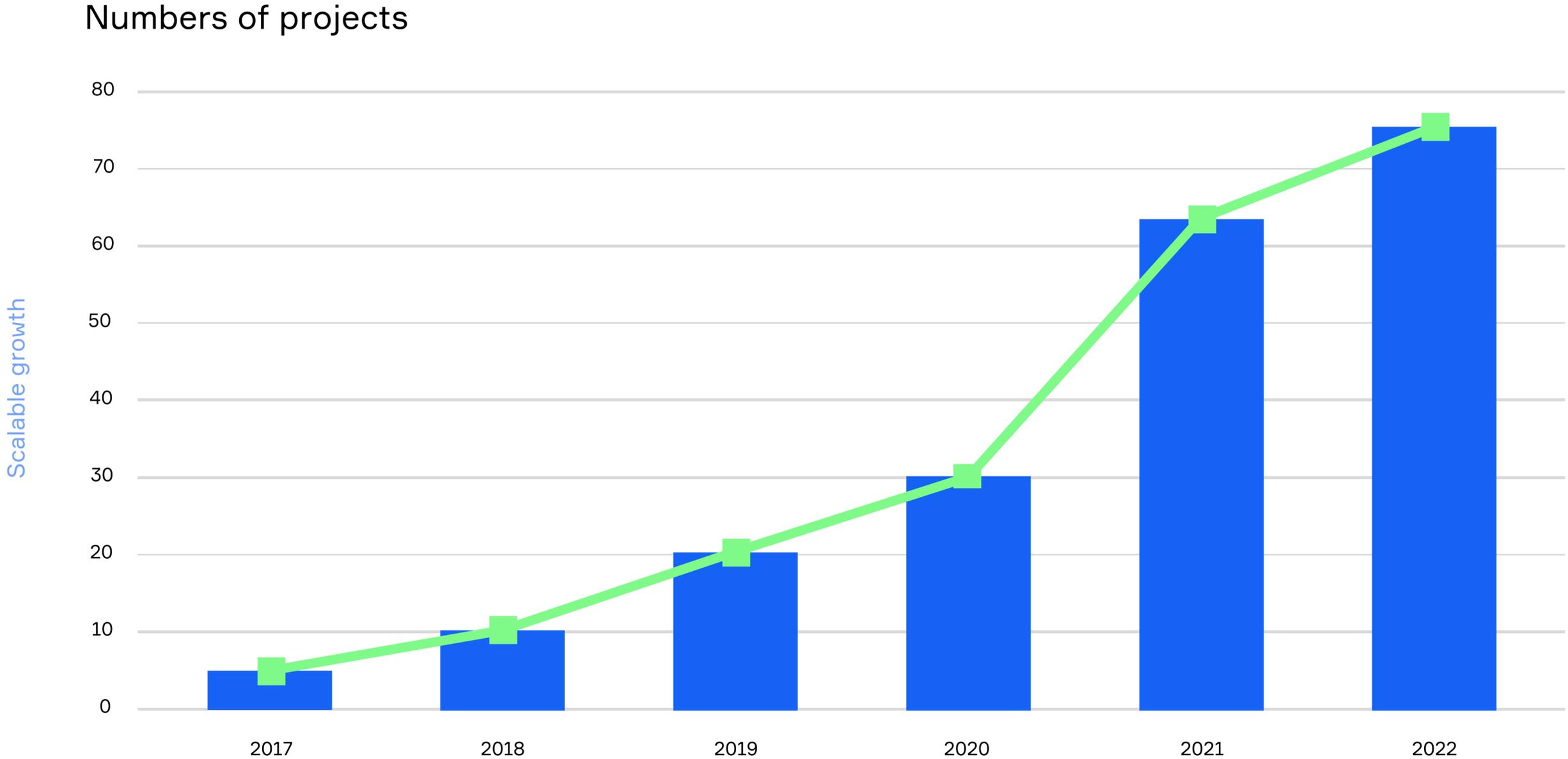
Empowering construction with advanced technology at every stage

Over the past decade, the AEC industry has undergone the first phase of a fundamental transformation. Project delivery methods are rapidly evolving in every sector. The benchmark for performance is no longer “you are only as good as your last job,” but “you are only as good as your last deliverable.” That is an unprecedented time in our industry, and companies that cannot adapt will not survive for long.

VEC’s services are ever-expanding as we identify opportunities to eliminate client risk and project inefficiencies plank-by-plank.



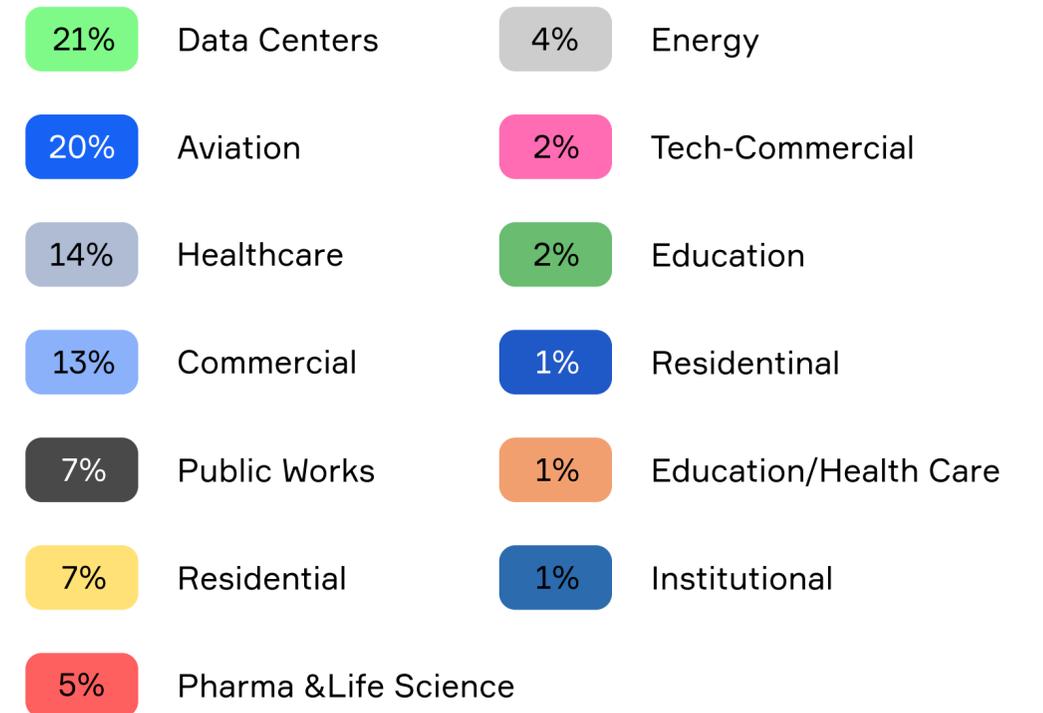
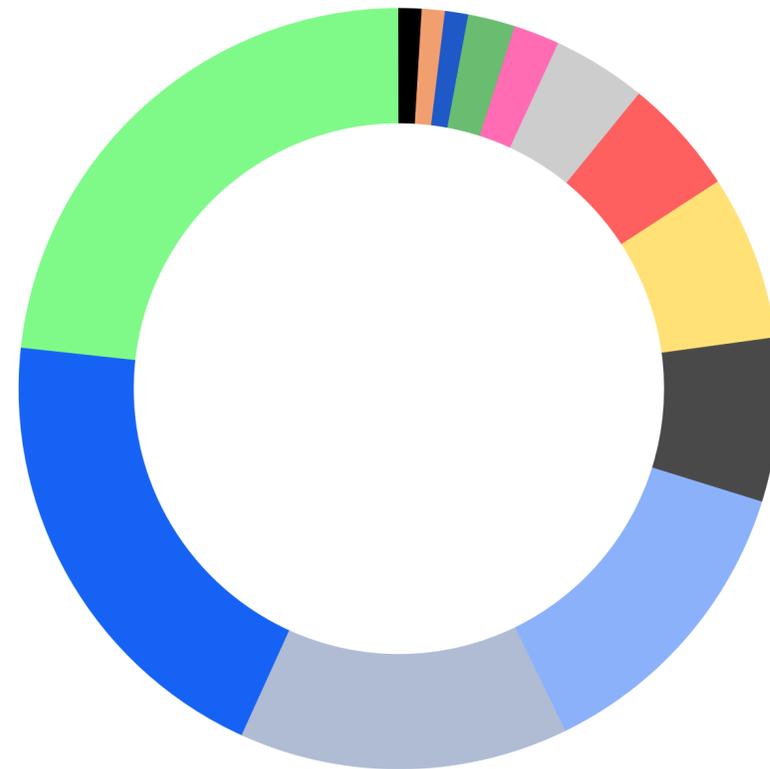
COMPANY EXPERTISE



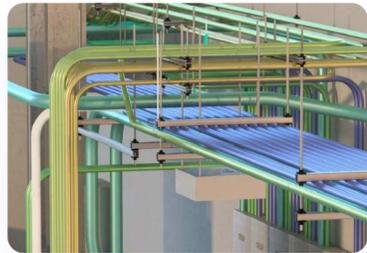
COMPANY EXPERTISE



Diverse project types

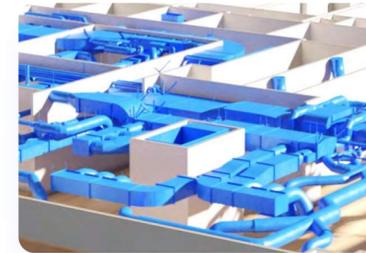


CORE SERVICES



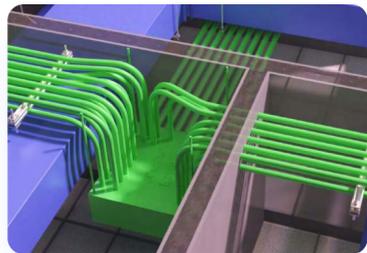
Electrical BIM & VDC

Since the electrical scope presents one of the most significant challenges regarding design and installation, our BIM electrical specialists always do their best to eliminate risks and deliver projects successfully. From kickoff to Trimble installation, we provide customers with the leanest system possible, coordinating our electrical 3D modeling with their project teams.



Mechanical and Plumbing BIM & VDC

We keep the installer in mind at each design stage, 3D modeling, coordination, and drawing production. This policy enables our mechanical BIM specialists to reduce different productivity deterrents. Bringing the field forward also allows for significant savings in various activities.



General BIM Coordination

VEC recognizes the demand for better processes. So, we focus on leveraging our construction background and tech expertise to provide all stakeholders with a project-specific BIM Execution Plan (BEP). Ultimately, we manage BIM coordination on a simple platform providing our clients with precise data to keep them updated on progress.



Onsite Technology

Despite the project stage or type, there can always be some critical gaps to realize. But with our onsite technology services, clients will obtain the required clarity. By establishing a streamlined process, VEC's specialists can effectively assess the existing site conditions, identify potential issues or risks, recommend solutions, and work collaboratively with your team.



Enhanced Design

You will benefit from predictive construction technology during design by partnering with us early. That helps produce an enhanced design product that can deliver accurate material quantities at bid time, identify and resolve installation risk during preconstruction, and accelerate installation to deliver incredible project results.



Civil Underground BIM & VDC

VEC offers both Wet and Dry Utility Modeling & Coordination, both of which are complex in their own right. It is important to make sure what is going into the ground is coordinated properly to avoid costly field rework. Once coordinated our model can be utilized to create layout points for installation. Also, installation drawings can be provided which can be used in the field to verify installation is going to plan.

OUR CUSTOMERS

We work closely with well-known U.S. general contractors and subcontractors, mainly electrical and mechanical ones. Such collaboration is advantageous for the entire construction project since it brings accurate time and cost estimation and guarantees its successful delivery.



Electrical Trade Contractor

VEC provides electrical trade contractors with high-quality BIM & VDC services. That includes producing 3D models of systems like electrical security, power, fire alarm, lighting, telecom, and internet. Apart from modeling, we cover designing electrical rooms, branch conduits, electrical wiring, power switches and outlets, etc.

[Read more](#)



Mechanical Trade Contractor

VEC offers top-notch mechanical BIM services that allow a mech contractor to deliver the project and eliminate conflicts between different trades. Since designing, fabricating, installing, and managing HVAC and plumbing systems is often challenging with traditional tools, utilizing BIM technology is a perfect option.

[Read more](#)

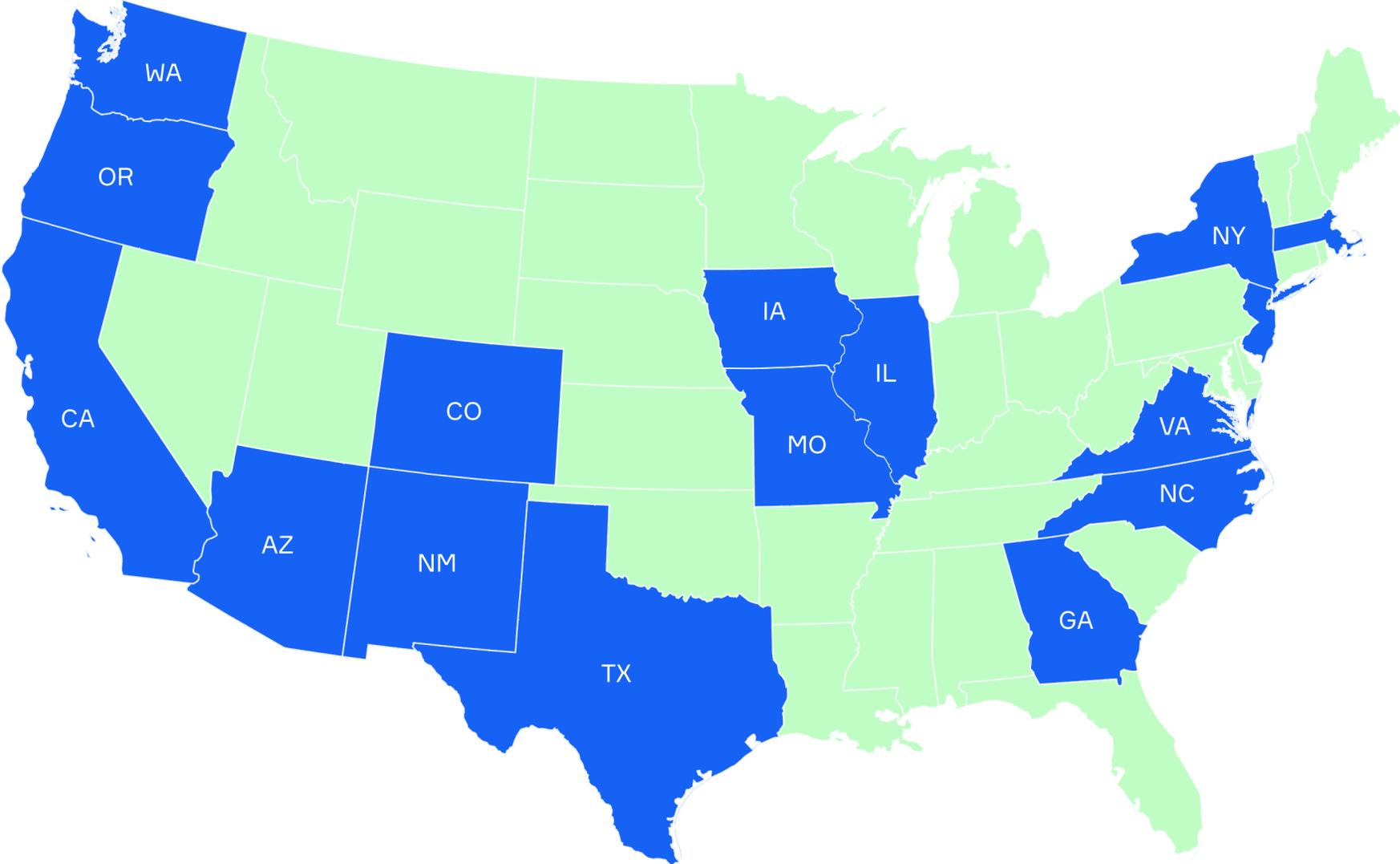


General Contractor

Thanks to our cloud-based BIM & VDC services, the general contractor can effectively cooperate with other trades and the customer. That allows for identifying and addressing issues in real-time, which also helps avoid expensive errors and reduce rework.

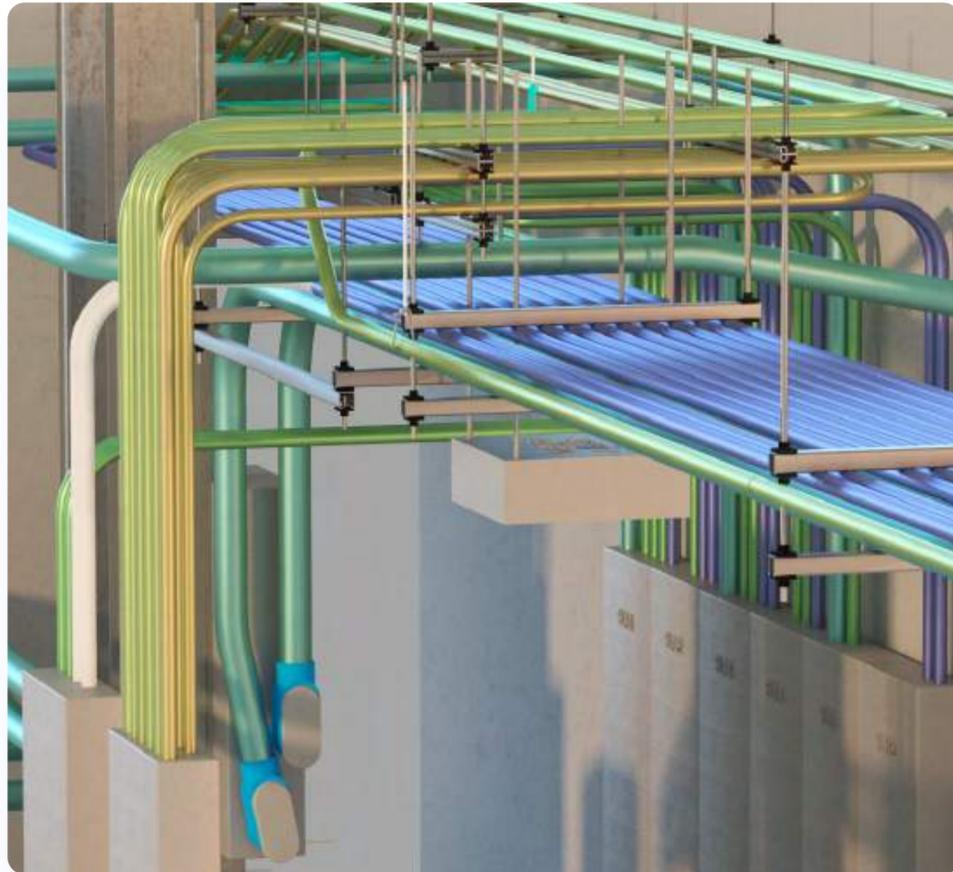
[Read more](#)

NATIONWIDE PROJECTS



- Arizona
- California
- Colorado
- Washington, D.C
- Iowa
- Illinois
- Massachusetts
- Missouri
- Oregon
- Texas
- Virginia
- Georgia
- Maryland
- North Carolina
- New Jersey
- New Mexico
- New York
- Washington

WHAT WE CAN DO FOR YOUR BUSINESS

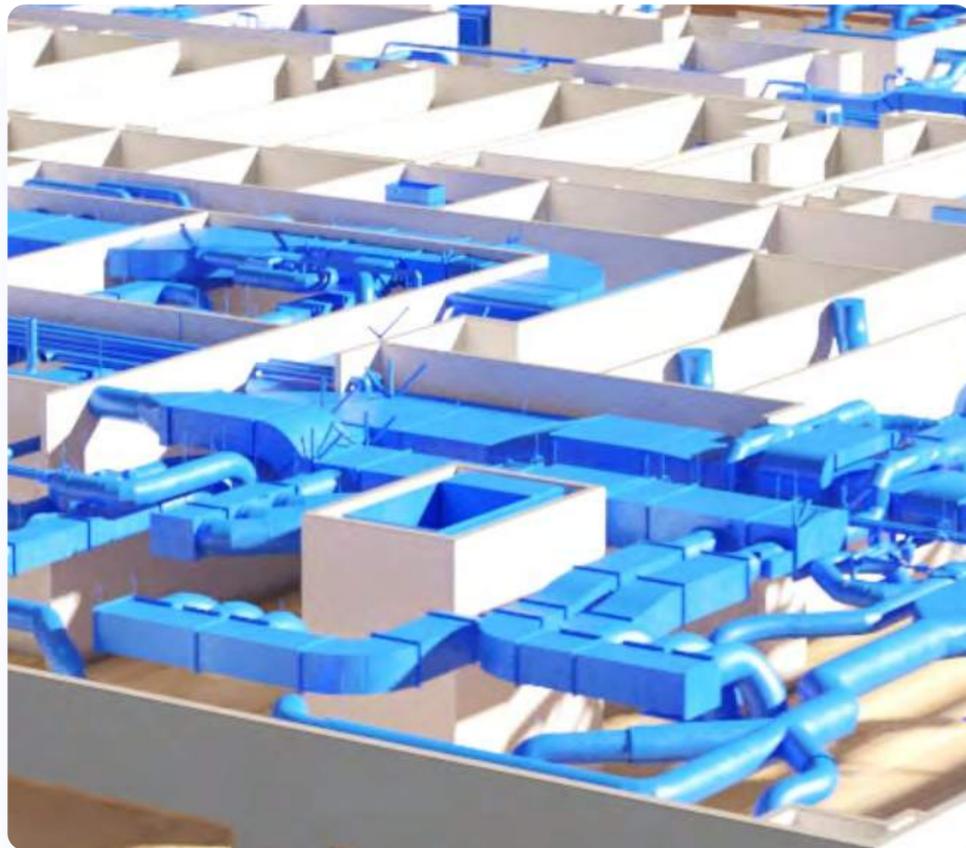


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- Redlining & Preplanning
- Prefabrication / Spool Sheets / BOM
- BIM In-House Plug-In Development
- BIM Modeling & Coordination
- Shop / Installation Drawings

WHAT WE CAN DO FOR YOUR BUSINESS



Mechanical and Plumbing BIM & VDC

We keep the installer in mind at each design stage, 3D modeling, coordination, and drawing production. This policy enables our mechanical BIM specialists to reduce different productivity deterrents. Bringing the field forward also allows for significant savings in various activities.

- Constructability Review & Routing Optimization
- 3D Mechanical Modeling & Coordination
- Installation Drawings
- Prefabrication Planning
- Shop Drawings

WHAT WE CAN DO FOR YOUR BUSINESS

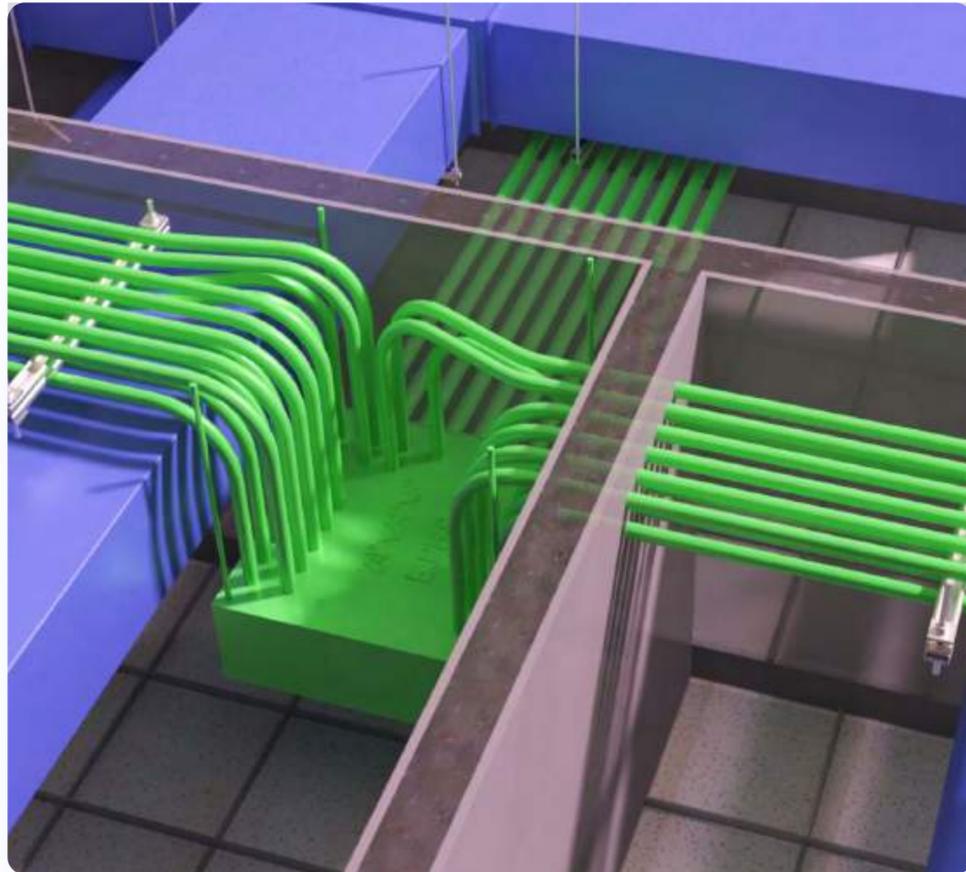


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- VDC Installation (Shop) Drawings
- VDC Scheduling & Estimating
- VDC Preconstruction Planning
- VDC Bid Pursuit Support

WHAT WE CAN DO FOR YOUR BUSINESS



General BIM Coordination

VEC recognizes the demand for better processes. So, we focus on leveraging our construction background and tech expertise to provide all stakeholders with a project-specific BIM Execution Plan (BEP). Ultimately, we manage BIM coordination on a simple platform providing our clients with precise data to keep them updated on progress.

- Contract Language Assistance
- BEP & Coordination Schedules
- Coordination Platform Setup
- Enhanced Visual Design
- Cost Analysis

WHAT WE CAN DO FOR YOUR BUSINESS



Onsite Technology

Despite the project stage or type, there can always be some critical gaps to realize. But with our onsite technology services, clients will obtain the required clarity. By establishing a streamlined process, VEC's specialists can effectively assess the existing site conditions, identify potential issues or risks, recommend solutions, and work collaboratively with your team.

- Trimble Layout
- Scan to BIM
- 360° Photo/Video Documentation
- 3D Laser Scanning
- Labeling

WHAT WE CAN DO FOR YOUR BUSINESS



Enhanced Design

You will benefit from predictive construction technology during design by partnering with us early. That helps produce an enhanced design product that can deliver accurate material quantities at bid time, identify and resolve installation risk during preconstruction, and accelerate installation to deliver incredible project results.

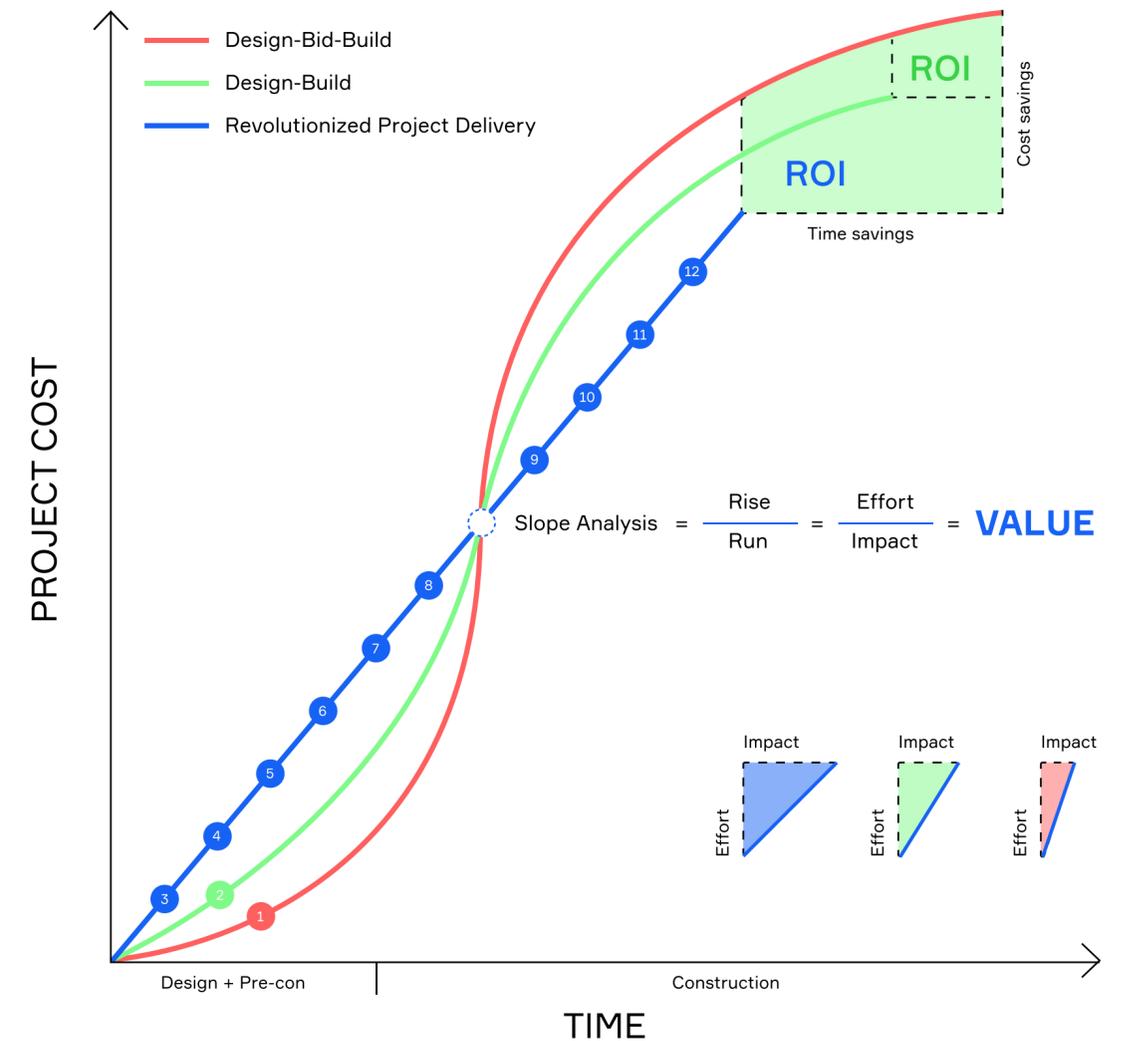
- Enhanced Visual Design
- Existing Conditions & As-Builts
- Bidding & Cost Analysis
- Technology Implementation & Execution

HOW WE WORK

Build faster and smarter for the AEC technology revolution

The two current methods of project delivery are Design-Bid-Build and Design-Build. But our track record of over a decade and 100 projects enabled us to create a new path forward. VEC's revolutionized project delivery relies on the early deployment of the latest BIM techniques. Contact us to discuss how VEC can unlock unmatched time and cost savings for your projects.

- 1 Less BIM – traditional design
- 2 More BIM – design/build team
- 3 Max BIM – early in design process & 100% system spatial coordination
- 4 For renovations of existing facilities, 3D laser scan the facility and develop BIM of existing conditions.
- 5 We create the “Lego Kit”: MEP installation drawings, Bill of Materials (BOM), and system layout points.
- 6 Equipment and material buyout by owner
- 7 Contractors bid on the “Lego Kit” and include price/unit breakout per material quantities.
- 8 Installation 100% from the kit
- 9 Provide robotic total station layout for all installations per the coordinated BIM
- 10 If any owner-driven changes are incorporated by VEC into the design and construction models and fully coordinated, then the estimated cost impact is provided for owner review. If the owner proceeds with the change, then we revise the installation “Lego Kit,” and a CCO is issued to the impacted contractor(s) per the price/unit breakout provided at the bid (with escalation if applicable).
- 11 3D Laser Scan or 360 photogrammetries throughout construction for QA/QC, progress tracking, as-built documentation
- 12 Hand-over to owner and operations team fully coordinated models and drawings accurately reflecting the as-built condition and supporting custom HMI integration. The owner uses this for the blueprint foundation for the next D.C.



MARKET SECTORS

VEC's team of BIM virtual construction experts has completed dozens of notable projects across the United States. From pharma life sciences and healthcare to education, aviation, and commercial real estate, we are a trustworthy vendor for companies from different industries.



Mission Critical



Pharma and Life Sciences



Healthcare



Aviation



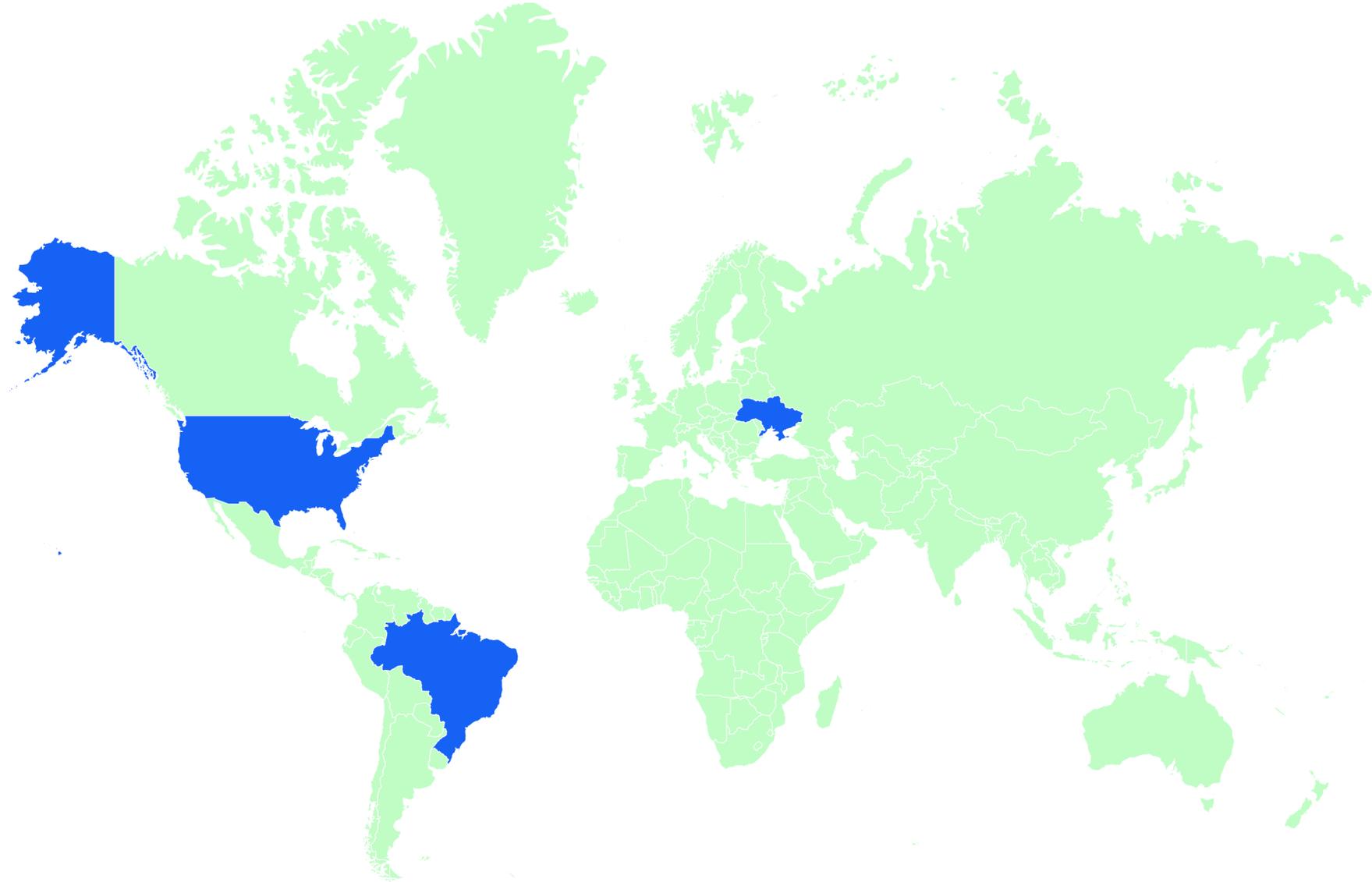
Commercial Real Estate



Other

[Find more](#)

MEET THE TEAM



Exceptional people behind exceptional results

 **San Francisco**

201 Spear Street,
Suite 1750
San Francisco, CA 94105

 **Kharkiv**

Manizera St, 8
Office ***
Kharkiv, Ukraine

 **Tracy**

902 North Central Avenue
Suite 1
Tracy, CA 95376

 **Dnipro**

Ivana Akinfiieva Street, 18
Office 405
Dnipro, Ukraine

 **Goiânia**

Rua 72, #325,
Setor Jardim Goiás,
Ed. Trend Office, Room 1511
Goiânia - Brazil

 **Lviv**

Ivana Akinfiieva Street, 18
Office 405
Dnipro, Ukraine

WHO WE WORK FOR

∞ Meta



EQUINIX

Microsoft

Google

amazon

WT
WHITING-TURNER

LAX

AECOM

CLARK



WHO WE WORK WITH

ROSENDIN

ALLWOOD

PRIME
ELECTRIC



McMillan
ELECTRIC

O-G
Power On

M.C. DEAN
BUILDING INTELLIGENCE

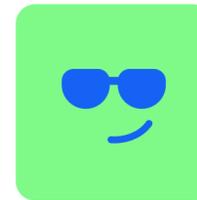


WHY CHOOSE VEC



Speed of production and prediction

As an innovative company, we always use the latest technology and implement new initiatives to transform the construction process. That allows us to generate efficient solutions and enhance communication between team members and partners, which, in turn, speeds up production and prediction.



Rock team

We create a culture of continuous learning, curiosity, and experimentation. That attracts potential employees looking for professional growth and motivates our specialists on board to take risks, test ideas in practice, and extend client expectations.



Expertise

Our projects from multiple industries speak for themselves. From 3D laser scanning to general BIM coordination, VEC offers high-quality services and considers emerging challenges as factors that drive success. And we guarantee our employees' constant skills development through knowledge sharing, personal programs, etc.



Sustainability

Although construction is often associated with a global climate change issue, we try to cause no unnecessary environmental harm. Our goal is to make the communities where we live better — that is why we work on sustainable, cost-effective projects aiming to reduce carbon footprint.

CERTIFICATIONS

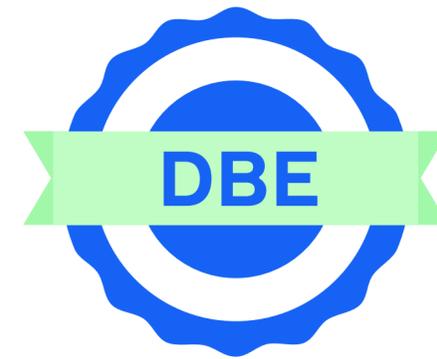
VEC is a rapidly growing company that has already gained some critical certifications thanks to our support in job creation and contribution to a more robust local economy.



Minority Business Enterprise



SF Local Business Enterprise



Disadvantaged Business Enterprise



Small Business Enterprise

TESTIMONIALS



UA Local 38 Business Agent

"The use of advanced technology has become a constant on all of our major projects.VEC has the experience and tools needed to push forward. We are excited about what the future holds."



Project Manager

"My experiences with VEC over the past several years have been consistent; professional, competent, dependable, team-oriented, hardworking, meet deadlines, and responsive."



Project Executive

"The VEC team has been a breath of fresh air; they can keep up with the pace that was asked of them, ask good questions, and deliver a solid project."



Regional Superintendent

"VEC has become my first choice regarding BIM and Trimble. The attributes that differentiate them are their teams' technical expertise, the organization's customer service, the organizational agility to adapt their process to my project needs, and the extreme pride they take in their final work products."



Project Manager

"I appreciate VEC's customer-focused approach. Their team does a great job representing our interests in BIM meetings, doing so in a professional manner. Having them as a trade partner on complex projects makes my job easier."



Project Executive

"The VEC team has been a breath of fresh air; they can keep up with the pace that was asked of them, ask good questions, and deliver a solid project."



Helping the best build better.

Contact for more

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vec-us.com

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