



Case Study - The Engineering Enterprise

The Engineering Enterprise Partners with FSR to Beat the Clock and Unleash Connectivity

How FSR's Smart-Way raceway assisted in optimizing the workspace of TEE's newly acquired San Diego location to enhance efficiency on time and on budget.

OVERVIEW

The Challenge:

- An imposing HVAC unit stood in the way of TEE's operations and inhibited essential power and network connections at employee workstations in a newly acquired location.
- Connectivity roadblocks became imminent threats to a fast-approaching move-in date, requiring service on a tight timeline.
- Without adequate connectivity there were costly and timely decisions that needed to be made.

The Solution:

- FSR's Smart-Way On-Floor Raceway, engineered to meet the demands of a changing workplace and workforce.
- A streamlined approach to cable management and connectivity without the need for complex structural alterations.
- ADA-compliant solutions for those with diverse needs.

The Result:

- Efficient delivery and start-up that worked within a tight timeline.
- Significant cost savings by avoiding costly structural alterations,
- Enhanced connectivity for every workstation, improving employee productivity.

ABOUT THE ENGINEERING ENTERPRISE

For nearly half a century, [The Engineering Enterprise \(TEE\)](#) has firmly anchored itself in the electrical engineering and design landscape, boasting an impressive 49-year legacy in the heart of California. With a dedicated workforce of 50 professionals spread across six strategically located offices, TEE has made a distinct name for themselves in their industry. Renowned for their unwavering dedication to excellence, TEE is entrusted with an array of projects spanning a variety of diverse sectors including healthcare, education, industrial, and beyond. Their relentless pursuit of quality and a steadfast commitment to innovation has garnered them numerous accolades and cemented their status as industry leaders.





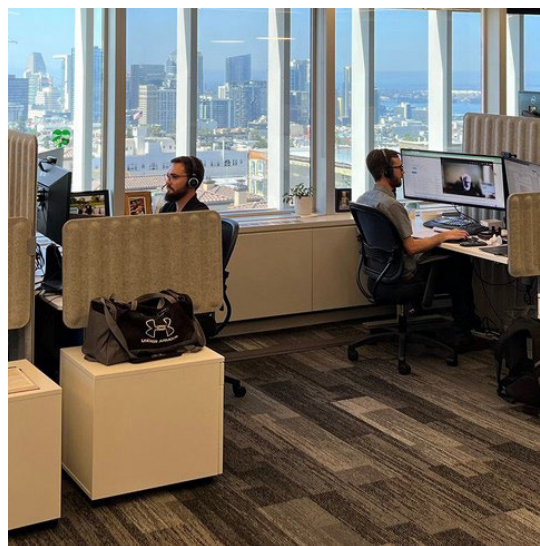
THE PIVOTAL POWER OF NETWORK CONNECTIONS

In the fast-paced world of electrical engineering and design, seamless connectivity is vital. Employee workstations at The Engineering Enterprise rely on uninterrupted power and network connections. Whether it's working on complex data for a healthcare facility or designing state of the art electrical systems for an industrial project, any disruption in connectivity can lead to costly delays and decreased productivity.

In an era where collaborative endeavors and data-intensive tasks make up the standard, dependable power and network connections are key factors of TEE's operations. The ability to communicate, share resources, and access data are crucial components to the success of their diverse projects.



THE CHALLENGE OF NAVIGATING NETWORK ERRORS



The Engineering Enterprise confronted an array of multifaceted challenges as they began their expansion into a newly acquired San Diego location. Central to these challenges was an imposing HVAC wall unit.

Scott Wheeler, Principal at TEE, offered insights, stating, "We faced a critical challenge—the existing HVAC wall unit prevented us from having power and network connections at each workstation. This was non-negotiable for us, as our work relies heavily on seamless connectivity."

Network errors and connectivity hurdles are not unique to TEE—they resonate with organizations across diverse industries. As businesses rely on technology for their operations, network errors can culminate in substantial financial losses, missed deadlines, and frustrated employees.

With a fast-approaching move-in date of July 1st, TEE found themselves facing a tight deadline, and an urgent need to find a solution. TEE decided to seek expert assistance to address these challenges and, with that, reached out to FSR for their expertise.



THE SOLUTION: FSR'S SMART-WAY RACEWAY IS A GAME CHANGER

On a mission to overcome their connectivity challenges, The Engineering Enterprise found a partner in FSR and a product that could meet their needs with the Smart-Way On-Floor Raceway.

When FSR introduced their Smart-Way On-Floor Raceway, they provided an immediate solution that was both practical and innovative. Scott Wheeler eloquently captured its impact stating, "FSR's Smart-Way On-Floor Raceway captured our attention because of its simplicity and effectiveness." The solution offered a convenient and adaptable approach to their connectivity challenge, eliminating the need for structural modifications while seamlessly routing power and network connections to individual workstations. FSR's ability to understand TEE's unique floorplan and offer a custom solution tailored to their needs enabled them to solve a complex problem with simplicity and practicality.



THE RESULT: A SMART CONNECTIVITY CHOICE

Enhanced Connectivity

The implementation of the Smart-Way On-Floor Raceway enabled every workstation uninterrupted access to power and connection. This enhancement will aid in future productivity and facilitating seamless collaboration across the organization. With the Smart-Way raceway installed employees can continue to work efficiently and effectively on a wide range of projects.

Time & Cost Savings

One of the most notable outcomes the Smart-Way Raceway provided was the ability to avoid costly and time-consuming construction. By opting for this custom solution, TEE managed to sidestep the expensive process of concrete cutting and structural modifications. The Smart-Way raceway provided a cost-effective way to navigate these challenges and showcased TEE's strategic problem-solving approach.



Rapid Deployment

The Engineering Enterprise's partnership with FSR not only provided an effective solution but also showcased FSR's at the ready product stock. FSR's ability to deliver the necessary components within a short five-day timeframe was nothing short of impressive. This accelerated turnaround played a crucial role in helping TEE meet their move-in deadline without any potential operational disruptions. The rapid deployment of Smart-Way On-Floor Raceway was a testament to FSR's commitment to customer satisfaction and their dedication to delivering solutions promptly. It demonstrated how a well-executed plan and efficient supply chain management can make all the difference in ensuring a seamless transition into a new workspace.



Give us a call at 1-973-998-2300 and let us help you configure Smart-Way for your next project

Check Out Our Configuration Guide



ADA Compliance

FSR's solution goes beyond bridging the connectivity gap, it's also ADA compliant. The implementation of the Smart-Way On-Floor Raceway guaranteed that TEE's workspace was genuinely inclusive, accommodating employees of all abilities. The Smart-Way raceway ensured that TEE's workspace was not only efficient and productive but also welcoming and accessible to individuals with diverse needs, further enhancing the organization's reputation as a leader in its industry.

To learn more about FSR's Smart-Way Raceway solution, [click here](#).