



## CASE STUDY



# VALLEY ENGINEERING

### Industry

Professional Engineering & Construction Management

### Company

**Valley Engineering** is a professional firm providing civil, mechanical, electrical and plumbing engineering design services including commissioning, construction management, surveying services and more.

Since its inception in 1997, the firm has built a reputation for bringing ideas to life and reinventing the landscape of design and construction across the Mount Crawford, Virginia, area. With a qualified team focused on both functionality and economic efficiency, Valley Engineering manages complex infrastructure projects that require high-level coordination and precise data management.

### Business Challenge

As Valley Engineering's operations evolved from traditional paper-based workflows to a fully digital environment, their reliance on network connectivity became mission-critical. The firm's engineers and project managers required constant access to large design files, both within the office and from remote project sites.

However, their existing cable-based internet service was unable to keep pace with these modern demands. The biggest pain point was data backup. The asynchronous speeds provided by the incumbent carrier were too slow to complete the necessary cloud backups over a weekend. This hindered the staff's ability to retrieve and share files efficiently. Additionally, remote workers experienced latency and connectivity issues when trying to connect to the office network, impacting overall productivity and project timelines.

### Glo Fiber Business Solution



Dedicated Internet Access

*"Glo Fiber Business has helped us make sure we have our backups in place. The synchronous speed we have enables remote users to work in the office without having any issues. The speeds have been reported as much more consistent, and Glo Fiber was able to meet and beat the prices of other providers"*

- Dwayne Williams, Director of IT, Valley Engineering



## The Glo Fiber Business Solution

To address these infrastructure gaps, Glo Fiber Business partnered with Valley Engineering to implement a robust, high-speed fiber foundation. The solution centered on Dedicated Internet Access (DIA), providing the firm with the guaranteed bandwidth necessary for heavy data uploads and seamless cloud integration.

Unlike the previous cable connection, the Glo Fiber Business 100% fiber network ensures that upload speeds match download speeds, a critical requirement for engineering firms handling large files and off-site backups. Glo Fiber also transitioned the firm to professional fiber business phone lines, ensuring clear communication with clients and partners. Throughout the deployment, Glo Fiber's local project management team provided hands-on support, ensuring a smooth transition that met Valley Engineering's requirements.

## Results

The partnership has successfully modernized Valley Engineering's digital infrastructure, providing the reliability and performance needed for a leading engineering firm. The move to synchronous fiber speeds has resolved the firm's backup challenges, allowing large datasets to be secured in the cloud quickly and consistently.

Remote workers have also reported a better user experience. Engineers can now access internal files and collaborate from the field without the lag or connectivity drops they previously faced. Beyond the technical performance, Valley Engineering has benefited from Glo Fiber Business' local presence and personalized communication, enjoying a level of responsive service that was missing from their previous national provider.

*"Any company looking into a reliable service should look into Glo Fiber Business. They'll do the leg work for you to make sure that everything is available for you and to resolve any of the issues that you might be having. They're a very good - if not great - alternative to any other ISP that I've dealt with."*

- Dwayne Williams, Director of IT, Valley Engineering

### Key Benefits:

- **Network Reliability:** Replaced inconsistent cable service with a 100% private fiber connection.
- **Synchronous Speeds:** Symmetrical upload and download capacity ensures cloud backups complete in hours, not days.
- **Remote Productivity:** Seamless, low-latency access for off-site engineers and remote staff.
- **Scalable Bandwidth:** Dedicated Internet Access (DIA) provides a future-proof foundation for growing data needs.
- **Local Support:** Direct access to local technicians and project managers who understand the region and the business.
- **Cost Efficiency:** Superior fiber performance delivered at a price point that outperformed incumbent national carriers.



To learn more about additional Glo Fiber Business solutions, visit [glofiberbusiness.com](https://glofiberbusiness.com)

