Data transport networks are a key factor in site selection decisions and are a vital consideration for businesses with specific bandwidth requirements. Organizations need to understand proximity and accessibility to fiber networks as well as factors such as latency and diversity before finalizing network designs and making location selections.

NEF’s Site Connectivity Reports provide comprehensive research, analysis and recommendations of a site or address and give clients the complete network story surrounding a property. Armed with the detailed fiber availability information from NEF, clients can use the Connectivity Report for the evaluation or marketing of a property or the operationalization of a data center, office site or headquarters location.

The Site Connectivity Reports include a wide range of information pertaining to a specific site or location from visual maps to details analyses developed from specific client requirements.

- **Radius Maps with Carrier Legend**
- **Carrier Matrix & Details**
- **Analysis of Connectivity in the Area including Metro, Long-Haul, Carrier Hotels**
- **On-Site Survey with Images, Analyses of Potential Paths & Issues such as Diversity or Congestion**
- **Detailed Reporting of Providers including Products, Strengths, Accessibility & Challenges**
- **Cost Information for Requisite Services**
- **Latency Overview**
Custom Report Options

The NEF Site Connectivity Report also offers several custom options based on client specifications. Clients can elect to add more detailed latency information, requirement oriented network diversity planning, specific application support and more. In addition, NEF can provide clients with a site specific dynamic mapping file in Google Earth format for integration with client data for a more comprehensive analysis.

About NEF

NEF works closely with enterprises, network planners, commercial real estate professionals, data center migration specialists, cell tower companies and the like – all looking to vet fiber optic infrastructure, physical diversity, provider diversity, latency and product availability. With the industry adopting a “measure twice, cut once” approach to connectivity and site selection, NEF is there to provide research and analysis to ensure data transport and data center solutions align with physical location needs.

With NEF, it’s about enabling clients to benefit from thousands of projects and decades of expertise we have in…

Designing the network and colo infrastructure at the optimal point and path level
Knowing the providers and constantly updating provider ratings to advise our clients on the best possible options
Maintaining and following rock-solid processes and procedures that ensure a positive outcome on each project

Clients can choose what type of consulting services are right for their organization. NEF provides both research and procurement support for those clients that want full service, end-to-end management of their site selection process. Alternatively, clients can engage with NEF to perform research and analysis where the deliverable is a comprehensive report with recommendations that clients can use in their own site and network planning efforts.

For over a decade, NEF has consulted with organizations on network planning, data center site selection, remote office additions, and headquarters relocation. NEF starts with data transport and data center requirements and narrows feasible sites based on network connectivity and accessibility. NEF works with clients to proactively address issues involving bandwidth and data center accessibility to maximize performance and budget.

Learn more about NEF’s site selection services and discuss your network and data center design today.