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NMSurf Deploys Third Fiber Line to Internet

NMSurf recently deployed a third, diverse Fiber Internet path, from Albuquerque to Santa Fe, the latest in a succession of its other two existing Fiber Internet paths. This third Fiber Internet path, which goes to the H5 Data Center in Albuquerque, is fully meshed with the existing two fiber line paths. What this means is that if a fiber path line gets cut anywhere between Santa Fe and Albuquerque, traffic will continue to automatically re-route, which means more time online. In the event that any of the three independent fiber line routes goes down, the other two re-route traffic.

NMSurf has three Fiber paths that serve as the backbones of the Internet. One Fiber line path is at the Denver core site data center and another Fiber line path is at a Phoenix Nap data center. This third fiber line path deployed by NMSurf is at the H5 data center in Albuquerque. These three diverse paths to the Internet allow for a redundant network in case of a system-wide outage. If one Fiber line path fails, another fiber line will intervene. As a capital city, it is crucial to have multiple pathways to the Internet back to Santa Fe. The bulk of Internet traffic from all over the state routes through the Data Center at 505 Marquette street in Albuquerque from other states. Internet service providers should ideally have their fiber paths to and from more than one data center to have greater diversity. NMSurf is at three different data centers, one in Albuquerque, one in Phoenix, and one in Denver. Each one has interconnectivity with multiple IP transit companies that power the Internet. Diversity to the Internet is important in modern times, where Broadband Internet is considered an essential utility for many subscribers who telecommute for work, education, or medicine.

In addition, NMSurf also built two Giga wireless rings, to the south and north end of Santa Fe, to allow for a fully redundant system in the event of an outage between its north and south sites. “This will enhance services for all our current customers who heavily rely on the Internet as well as new customers wanting more redundancy,” states Albert Catanach, President of NMSurf.