



Technical Advantages Inherent In the AEON Solution

AEON is a communications hardware manufacturer, systems integrator and service provider founded for the purpose of creating a complete integrated communications solution for the business sector. AEON has been organized in order to provide the world with unique equipment and services that consolidate voice communications, data, wide area networking, collaboration tools (including video), IPTV and digital signage technologies. AEON is proud to provide this unique consolidated solution that will allow clients of all sizes to utilize a single system that was built from the ground up with the sole purpose of integrating disparate systems into one easy to use and reliable product.

AEON's technical superiorities allow us to deliver state of the art, cost effective and ultra-competitive products to the market.

AEON Solutions has at great cost built a proprietary network infrastructure that consists of core network points of connection, redundant carrier class equipment, up to date voice and Data infrastructure, flexible expansion capabilities and carrier neutral design.

The AEON Solution has core connectivity at 1 Summer St in Boston. This is the largest carrier hotel in New England. The facility is the only New England AWS (Amazon Web Services) certified core location and has backbone core connectivity to every major carrier allowing AEON to connect to any carrier easily at a meet me room feet away from our location in the building. We can offer direct connectivity to any one of these carriers easily and offer services which most of our competitors cannot. Examples of these services are direct connection to MPLS backbones such a CUG connectivity for Century Link, direct connectivity to the Amazon cloud, connectivity to Microsoft Azure and direct voice connection to AEON SDWAN service. This level of connectivity allows design and implementation of voice and data services with the fastest possible speeds and redundancy.

Digital voice is Voice over IP and this service is directly sourced by AEON. The product is delivered through infrastructure located at 1 Summer Street as well as several backup up locations including Corporate in Wallingford CT. Both hosted voice services and SIP trunking can be provisioned and delivered through the AEON Solutions network. The hosted voice infrastructure has east and west coast redundant locations and has no limit on expansion. Origination and termination services are delivered by AEON and are not outsourced. SIP services are also offered for PBXs installed by AEON as well as those from any other PBX vendor or manufacturer.

We have adopted SDWAN technology as our preferred method of network connectivity and delivery. SDWAN offers unmatched network security and uptime. The technology is offered in standard and high availability configurations. Benefits of SDWAN are network security, greater network through put and resiliency. Because of our point of presence in Boston and the connectivity to the VOIP infrastructure we can offer SDWAN uninterrupted voice. Should a carrier drop in this configuration the phone call would be transferred to the backup carrier without any interruption to the call. The parties to the call never know that a carrier has had a failure. The system also will route around poor carrier performance automatically. If a carrier has intermittent quality issues the SDWAN will direct the traffic to the best available route. The same reliability will be apparent on video conferencing, any real time application such as IOT (internet of things) or telemedicine.



AEON offers the most robust and secure products available today. The source of these solutions is our in house robust network and voice infrastructure. Without a doubt the level of security and reliability is among the best in the industry.

