



TRANSWAVE™
COMMUNICATIONS
SYSTEMS, INC.

TRANSWAVE'S MANAGED ENTERPRISE SERVICES

Transwave Communications Systems, Inc. (TCS) has leveraged years of expertise in the Communications Industry to proudly offer Managed Enterprise Services. TCS is composed of a team of seasoned veterans of the communications industry having vast experience in microwave, wireless communications, fiber optics, tower real estate and rooftop management, construction, site development, data networking, telephony, consulting, and more. Over the years, TCS has earned an excellent reputation as a full service provider of private enterprise networks for entities that demand reliable communications. Markets served include critical applications for public safety, utilities, homeland security, military, municipal IT, carriers, healthcare, education, private industry, strategic partners, and much more!!!

In today's environment of procuring low risk, high benefit telecommunications solutions without the capital outlay, Transwave ranks amongst the best in overall value and performance. Whether your needs are 1 Mbps or Gig, Transwave can deliver at a level that you expect!!! Utilizing Transwave's existing high capacity carrier grade WNY backbone, Managed Enterprise networks can be easily and rapidly constructed to meet your broadband goals. Features of our network services include:

- **Rapid Deployment** - With Transwave's Managed Services, you don't have to wait months or even years to gain access rights to utility poles or approval to trench across town. That's right, no approvals for right away permits for traversing over or under major highways, waterways, bridges, public access roads and/or private property to get to your sites! **Networks can be configured easily and rapidly** using a combination of carrier grade products in the buildout of our networks. This includes using FCC Part 15 wireless products for "immediate needs" and Licensed FCC Part 101 microwave products for longer term, mission critical applications.
- **Custom Designed Networks** - Networks are custom designed and tailored to the clients needs for bandwidth and criticality. **Single strand networks** are available to meet most networking departments' needs. **Optional East – West, Loop Protection** schemes are available for mission critical requirements.
- **Scalable Symmetrical IP Broadband** - Through an economical standard (RJ-45) Ethernet interface, bandwidth can be scaled as your demands change. TCS's standard offering can accommodate scalability for most data networking requirements up to 25 Mbps. In fact, Transwave can react to both short term and long term fluctuations in demand!!! For more intensive requirement, Transwave can custom build a network with the head room for enough capacity for expansion into the future. Via wireless, this can be as high as Gigabit levels. Managed fiber routes can be provisioned for the very high bandwidth application to terabyte links.

Transwave Communications Systems, Inc. is a locally owned and operated company located at
9020 Wehrle Drive, Clarence, New York 14031.

- **Access to major service providers** - Your facilities can easily and quickly be connected to major Telecommunication providers through Transwave's network. Transwave's NOC is conveniently located in the colocation space of Equinix (formerly Switch & Data) at the Main Place Tower in Buffalo, NY. This is a major telecommunications colocation facility located in the heart of the business district. At this facility, you have access to multiple upstream providers and major telecommunication carriers.
- **No Reliance on the Local Loop** - Transwave's network is totally independent of the local carrier loop. There is no ILEC or CLEC component to our network. If you are shopping for a primary provider, Transwave is a great choice because we can typically deliver more bandwidth for greater economics as compared to other traditional carrier solutions. We are often the BEST CHOICE for redundancy because we have no reliance on the local loop providers.
- **Reliable Internet Options** - Transwave's network has been designed with ample capacity at the core, with room to grow as our demands grow. At the core, we are multi-homed to diverse upstream Internet providers. Our network has been designed using sound principles including reputable manufacturers of core routing and distribution equipment, a loop protected backbone, battery backup at key sites, and much more.
- **Competitive Access Pricing** - Transwave's intent is to provide you with more for less!!! Because we are independent of the local carrier loop, our pricing is indicative of the savings.
- **No Capital Investment Costs & No Maintenance Costs** - Transwave's standard agreement includes a low installation charge based on a specified contractual period, typically one year or more. Because Transwave retains ownership of all customer premise equipment, it is TCS's responsibility to maintain the equipment for the duration of the contract.
- **Optional CPE Equipment** - Optional CPE equipment can be added to our network services including Routers, Switches, T1 Gateways, Traffic Monitoring and Management Hardware and /or Software, Firewalls, VOIP systems, and more.
- **First Class Network Management, Support and Service** - Transwave's network services are monitored 24 x 7 x 365. Technical support is also available and ready to serve you 24 x 7 x 365. This staff is highly trained and competent to assist you in the event of any network issues.

For more information on Transwave's robust services, please call our office at (716) 626-9020 Ext. 104 or visit our website at www.transwave.net.

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