

# Benefits to Connecting your Data Network to the ISI NETPOP located in the DuPage Business Center

ISI Communications ([www.isicommunications.com](http://www.isicommunications.com)) has invested in a core infrastructure of fiber optics and high speed transmission systems poised to bring the next generation of broadband services to Northern and Western Illinois. This technology investment at the DuPage Business Center applies strong benefits and competitive leverage to the markets shown below and many more...

**HEALTHCARE** – ISI is connected to large teaching Hospitals in the Chicago Region (ie; <http://www.nmh.org>, <http://www.uchospitals.edu>, <http://uillinoismedcenter.org>, to name a few), the Illinois Rural HealthNet (<http://illinoisruralhealthnet.org>), and other regional and national medical networks. These connections through ISI advance the deployment and adoption of Telemedicine, Electronic Medical Record interoperability, On-Call Radiology, and Medical Emergency error reduction.

**EDUCATION** – ISI is dedicated to advancing the evolution of e-Learning, Distance Learning through Collaborative Video (via Access Grid), and the promotion of STEM activities and involvement. The ISI Network features high speed connections to Internet2 ([www.internet2.edu](http://www.internet2.edu)), Illinois Century Network ([www.illinois.net](http://www.illinois.net)), I-WIRE ([www.iwire.org](http://www.iwire.org)), and many more. ISI Communications, the Managed Service Provider at DBC is also a certified E-rate Service Provider. We are advancing the deployment of fiber optic bandwidth delivery to many regional public and private schools and districts.

**FINANCIAL SERVICES** – Financial Trading organizations rely on low latency, high speed data connections. The ISI NETPOP has the lowest latency, highest bandwidth from the Chicago western suburbs to the Chicago Financial District. Furthermore, DNTP is less than 10 fiber miles from the Chicago Mercantile (CME) Data Center located in Aurora, IL. This means even lower latency for trades between DBC and CME, Aurora, IL.

**GOVERNMENT** – ISI's NETPOP is located in DuPage County near the Kane County border. ISI connects to many municipal owned fiber optic networks through affiliation with the Illinois Municipal Broadband Communications Association ([www.imbca.org](http://www.imbca.org)), and provides bandwidth services that link municipalities while also providing Internet and Cloud services to local schools, libraries and businesses.

**DIGITAL MEDIA** – ISI is uniquely positioned to provide interconnection of content providers and hosting companies for real-time interactive gaming. Collocation and high speed connections are immediately available for pushing out the latest 3-D entertainment experience and media stream for special events.

**INTERNET BANDWIDTH** – ISI is the rural access gateway facility to low cost internet access for Western and Central Illinois. Multiple Tier1 and Tier 2 Internet providers (over 30) are available for connection at DBC via the iFIBER network (which ISI is networked to) for a fraction of the usual cost.