

# ITupside

Leading the Industry in Customer Revenue Enhancement



## ITupside Tier 1 Internet Center



**ITupside** in partnership with **LightPoint** provides state-of-the-art internet location services to our customers. Our web servers are Load Balanced and Firewall protected on a Tier I Internet Backbone Node with 100Mb of bandwidth.

**D**esigned to serve the most rigorous requirements of colocation and managed services, **LightPoint's** Data Center, located in Portland, Oregon, is a carrier-class facility designed and outfitted specifically for the operation and interconnection of mission-critical communications and data networking equipment.

**C**onstructed within the Tier I Internet design guidelines, **LightPoint's** hardened data center infrastructure ensures system redundancies (minimally N+1) for the purpose of providing a highly reliable, totally non-interruptible environment. The data center design features a raised floor, Unistrut ceiling grid, specialized grounding systems and cable management systems.

**S**trict operation and maintenance protocols consistently applied by experienced and highly skilled technicians ensure reliability and security with no service interruptions. All data center offerings include guaranteed power, air conditioning, fire suppression and security services.

### SPECIFICATIONS

<b>Electrical Distribution</b>	Primary systems provide efficient, reliable redundancy during power failures and maintenance. Designed for 100W / sq. ft. average uninterruptible AC.
<b>UPS System</b>	Uninterruptible power supplies are scaled to support 100% of essential load to seamlessly ensure delivery of power to equipment in event of commercial power failure.
<b>DC Power</b>	DC power (-48V) available upon request.
<b>Standby Power</b>	N+1 2.2MVA Caterpillar diesel generators provide standby power, backed by fuel-oil systems designed to support continuous, uninterrupted service for a minimum of 48 hours.
<b>HVAC Systems</b>	Redundant, engineered HVAC systems maintain a constant 72°F, ±2°F, with a relative humidity controlled to a constant 45% ±5%.
<b>Monitoring</b>	24/7/365 monitoring of UPS, power distribution, HVAC, temperature, humidity, security, and fire detection/suppression systems.
<b>Physical Security</b>	Facilities monitored 24/7 by security personnel, closed-circuit video, with Biometric scanning and cardkey protection for access.
<b>Fire Detection &amp; Suppression</b>	Protection systems include early warning smoke detection, dry Inergen fire suppression, and pre-action sprinklers.
<b>Seismic Protection</b>	Facility rated at Zone 3.
<b>Average Floor Load</b>	150 lb. / sq. ft.