

Physically diverse SONET connectivity to multiple Tier 1 carriers for low latency, high performance and high availability.

For the majority of our clientele the provision of high-speed, reliable, internet access is as necessary as the space in which they collocate their equipment. To ensure that the maximum level of service and reliability available.

CORE INFRASTRUCTURE

Edge access to customer equipment is provided via Enterasys N3 layer 2 switchgear. Each customer has the option of connecting via single or dual homed Ethernet connections. Each N3 switch is fed via gigabit Ethernet by a pair of Juniper M40 terrabit routers. Known for many times the capacity, reliability, and performance of other industry brands, using Juniper equipment ensures that under all conditions customer traffic is delivered over the most advantageous path and with the lowest latency.

UPSTREAM CONNECTIVITY

BDCI has chosen to purchase guaranteed network transit through established Tier 1 providers to provide Internet Access to its customers. With over 2 gigabits of transit available at any time, and connectivity to no less than two Tier 1 providers, BDCI guarantees the highest level of performance and reliability available in its published SLA.

NETWORK MONITORING

BDCI monitors for both uptime and performance every element in its network, from traffic levels to customer equipment to latency of packets leaving via each upstream provider. Real-time statistics are available to customers via secure, private web interfaces and include such items as data transfer based on traffic time, time of day, temperature of equipment, and over utilization on the BDCI network. Unusual activity is immediately flagged and customers are contacted.



