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LONGSIGHT READY TO EXPAND INTO EQUINIX CH3 DATA CENTER

The Longsight Group is proud to announce the addition of a new data center to support growth, performance, and high reliability of services for our hosted clients. As service and storage use continued to expand, we explored new space in top-tier data centers. Equinix has long had a top reputation in the data center industry. Our conversations with Equinix all pointed to the CH3 facility in Chicago as their premier facility, a building that has never suffered power downtime in its existence.

Servers don't like to lose power, and we've made substantial investments to date to ensure that our systems would never lose power via separate A and B power feeds. Our investment at Equinix CH3 includes four 208v power feeds to each rack in an A/B configuration. Equinix CH3 provides N+1 redundancy with full UPS systems and backup generators if utility power fails.

Two additional points made our decision to choose Equinix straightforward: 1) A 24x7 security team, every door leading to our cage secured with biometric hand readers, interlocking doors ("mantraps"), and scanning of all equipment entering and leaving the building, and 2) The ability to purchase bandwidth from a huge array of providers instead of being forced to purchase bandwidth from the data center owner. Equinix is a carrier-neutral data center, and we have chosen Internap, a provider of aggregated bandwidth services for our connectivity. Twice in 2010, we saw sub-optimal routing from our current primary site to some of our client sites, especially to the west coast. Internap's strength is continuous monitoring of routes around the globe. Because Internap purchases bandwidth from the core providers (Level3, ATT, Verizon, etc), they are able to route dynamically around companies that are having routing issues.



We have also made considerable investments in mass storage to keep pace with our ever-expanding client needs. We use RAID-6 on all storage arrays and mirror content between two identical physical arrays. And of course, we will continue to fully backup to a third location to provide 30 days of incremental, off-site backups.

Essential services will run in pairs connected via Heartbeat. We are replacing Apache with Nginx in as many places as possible. We have run into issues with Apache in the past couple of years when under extremely high load from failed requests. For example, if a client LDAP goes down, connections can stack up. Nginx handles load from massive concurrency much more efficiently than Apache.

Finally, we are excited about our ability to expand within the CH3 facility. Our cage in CH3 contains ample room to expand. Our ability to easily expand our bandwidth contract and our ability to cross-connect to multiple carriers if necessary makes us confident that we have a data center structure prepared for continued expansion and growth.

Clients new to Longsight as of September 2011 are already hosted at CH3, and this month, Longsight staff will contact each existing client to coordinate the migration of their services to the new data center with as little if any interruption in services as possible.

If you have any questions, please contact Longsight at operations@longsight.com.

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Please feel free to contact us by [e-mail](mailto:operations@longsight.com) or call **tol free 866-224-5721** during office hours (Monday through Friday, 8am-8pm, EST).

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