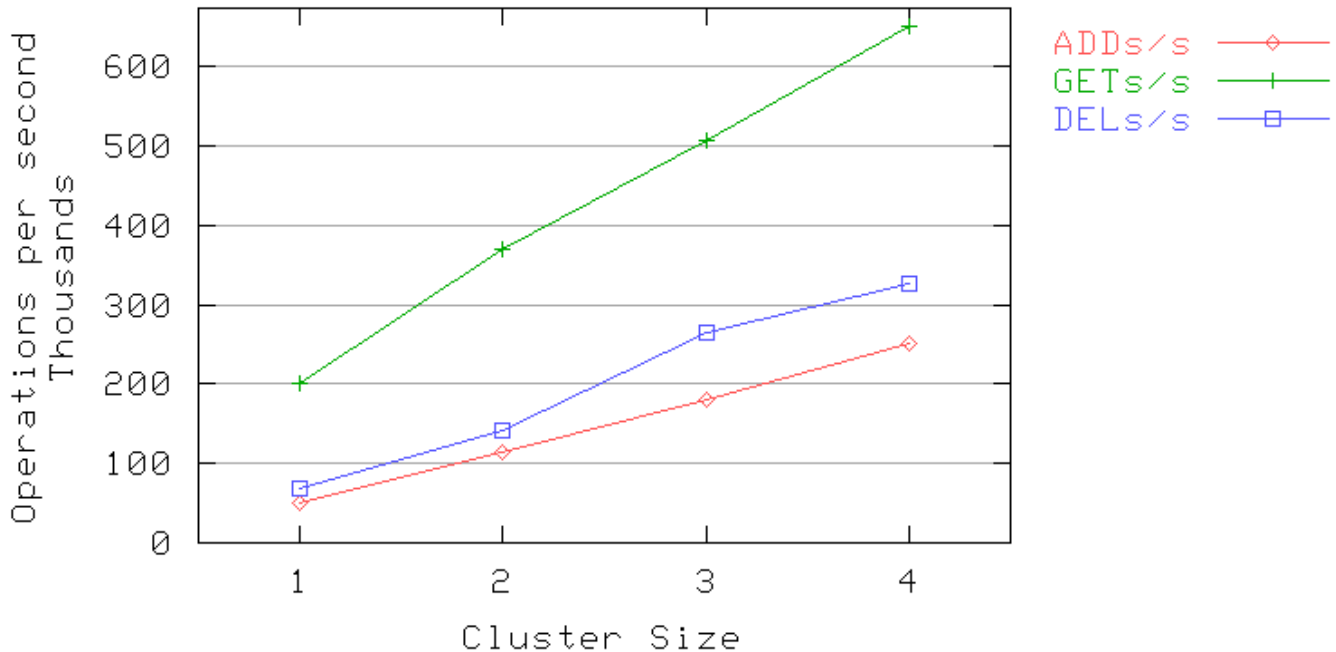




Clustering Performance



XPress XTN for Telecommunications uses a patent-pending clustering technology that provides *linear scalability*. The figure above illustrates a real system using XPress XTN to process millions of key-value associations at 600,000+ transactions *per second* (network round-trips, not just “in memory”), using 700 MHz Pentium servers on standard 100mbps Ethernet. *These performance measurements include networking!* Keys can use any uniqueness factor (phone numbers, ESNs, call IDs, etc.), and values can include any set of associations (names, routing information, history, GPS coordinates, etc.) or data structures meaningful to an application’s need.

Telecommunications solutions built on top of XPress XTN benefit from breakthrough performance, linear scalability, and high availability when managing the essential high-performance database operations on the back-end. Solutions may smoothly scale *vertically* through machine upgrades and middleware, or *horizontally* by concatenating lower-end machines using native XPress XTN functionality. Add a server, add more capacity – simple. Using XPress XTN replication, applications will achieve high-availability at performance levels that other database systems cannot reach *without* replication.

... the net-worked database



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