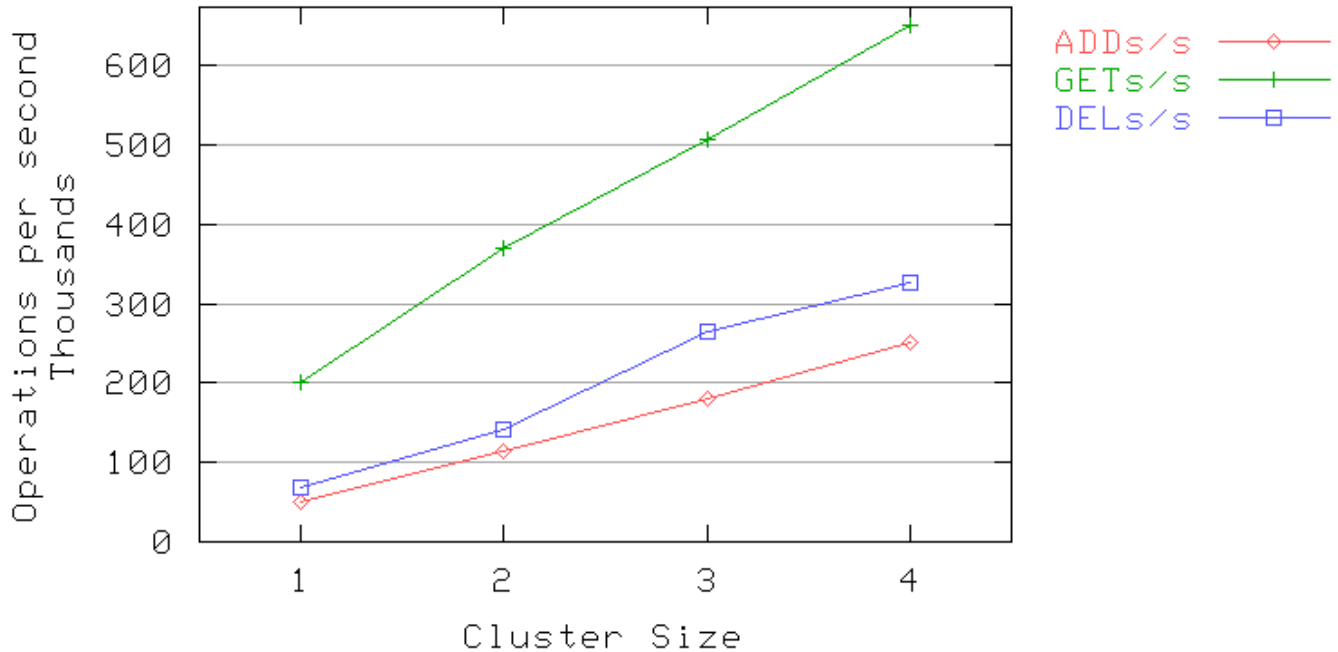




Clustering Performance



The XPress Association Database uses a patent-pending clustering technology that *linearly* scales. The figure above illustrates a real system using XPress to process millions of key-value associations at 600,000+ transactions *per second* (network round-trips, not just “in memory”), using 700Mhz Pentium servers on standard 100mbps Ethernet. *These performance measurements include networking!* Keys can be any uniqueness factor (URIs, phone numbers, GPS coordinates, filenames, etc.), and values can be any set of associations – data location information, names, phone numbers, or data structures meaningful to an application’s need.

Solutions built on top of XPress benefit from performance, scalability, and availability when managing data inside the machine room or across the network. Add a server, add more capacity – simple. Using XPress replication, applications receive high-availability at speeds that other database systems cannot reach *without* replication.

... the net-worked database

