Kx Systems was founded in 1993 to address one of the most basic problems in high-performance computing: the inability of traditional relational database technology to keep up with the explosive escalation of data volumes.

From that moment twenty years ago, the company’s singular goal has been to provide its customers with the most efficient and flexible tools for ultra-high-speed processing of structured real-time and historical data. Today, Kx products can be found in every market segment in which businesses require immediate access to real-time, streaming, and historical data: from finance — where 9 of the world’s top 10 investment banks embrace Kx technology — to energy, government, pharmaceutical, and scientific research.

Singular success
Built on a unique computer programming paradigm, the company’s kdb+ database and its associated programming language, q, use a single architecture to access billions and trillions of structured data records, resulting in blazingly fast processing times — many times faster than those of competitive technologies.

This unified approach allows the database to manage all aspects of the data chain, from capture and storage to in-database analytics. The result? A reduction in the number of separate steps required to move and process data, thus minimizing latency from the point of data arrival to the completion of analytics.

“From the outset, we have designed our products in anticipation of vast increases in data volumes. It has always been our philosophy to make the most efficient use of existing hardware and to build in sufficient redundancy and flexibility going forward. This allows us to make full use of the multi-core systems being brought to market, without having to rewrite our software.”

Arthur Whitney, Chairman and co-founder, Kx Systems
One for all
Kx technology runs on Linux, Solaris, Windows, and OS X operating systems, and requires only commodity hardware. kdb+ takes full advantage of the latest generation of processors built for vector arithmetic, giving it tremendous speed and making it especially well-suited for high-performance applications in a broad array of industries.

Industry players
Kx’s mission has always been to provide powerful software that allows companies to tackle the most complex and data-intensive applications. That’s why Kx customers tend to be market leaders in their fields — from top investment banks and hedge funds to premier energy companies, pharmaceutical firms, and scientific research institutions. All of these enterprises share a common objective: to gain competitive industry advantage.

Worldwide coverage
Based in Palo Alto, California, Kx has offices in North America, Europe, and Asia, and counts among its customers more than 100 top-tier companies, including global OEM customers. In addition to conducting its own sales, Kx retains strategic sales partners around the world.

For more information about Kx Systems, please visit our website at kx.com, or send us an email, to info@kx.com.