

McObject Positioned in Gartner's 2013 Operational DBMS Magic Quadrant

In-memory database system vendor McObject has been recognized through inclusion in Gartner's Magic Quadrant for Operational Database Management Systems report.

FEDERAL WAY, WA, USA, February 20, 2014 /EINPresswire.com/ -- McObject®, developer of the eXtremeDB® [In-Memory Database](#) System (IMDS) product family, announced it has been recognized by Gartner, Inc. through inclusion in Gartner's Magic Quadrant for Operational Database Management Systems report, published on October 21, 2013.

The new edition of Gartner's report on operational DBMSs – formerly called OLTP, or [on-line transaction processing](#) DBMSs – is the first in which McObject has appeared. The report "deals with the key capabilities of information management for transaction processing. It should therefore interest anyone involved in defining, purchasing, building or managing a transaction processing environment; notably, CIOs, CTOs, infrastructure management, database and application architects, database administrators and IT purchasing managers," it states.

"Previously, the OLTP DBMS was very mature with few new entrants to challenge the status quo. Over the past five years or so, this market has changed rapidly, hence Gartner's redefinition of the market to the operational DBMS market," the report states. "With the introduction of NoSQL in support of unstructured data in transactions and the viable use of in-memory computing, many organizations are beginning to use these new DBMS engines for specific use cases (such as global scalability of Web applications)," it says.

"McObject greets its inclusion in Magic Quadrant for Operational Database Management Systems as what we believe is important validation for the product development course we've charted since launching eXtremeDB more than a decade ago," said Steve Graves, McObject CEO and co-founder. "Originally a tiny-footprint in-memory database for embedded systems and C/C++ developers, eXtremeDB has evolved into a scalable, highly flexible solution used to meet a wide range of computing challenges, far beyond the initial target markets, that demand maximum speed and reliability."

As milestones in eXtremeDB's evolving development, Graves cited the addition of 64-bit support; SQL/ODBC/JDBC and native language interfaces including Java, C# (.NET) and Python; high availability and clustering editions; hybrid in-memory and persistent storage; multi-version concurrency control (MVCC) transaction management; platform support including Linux, Windows and many server, mobile and real-time operating systems(RTOSs); integrated performance monitoring; optional columnar, row-based and hybrid data layouts; and vector-based processing of time series data, including the ability to pipeline vector-based statistical functions.

McObject remains committed to research and enhancements that keep eXtremeDB in the vanguard of database system high performance and reliability. One example is McObject's recent partnership with AgigA Tech, a Cypress Semiconductor subsidiary and non-volatile DIMM ([NVDIMM](#)) pioneer. In the industry's first tests of IMDS speed and recoverability using the emerging NVDIMM technology, McObject proved eXtremeDB's seamlessly recoverability from power loss when using AgigA Tech's

AGIGARAM NVDIMMs as main memory storage, and confirmed that execution speed when paired with the NVDIMMs equaled performance using conventional memory (DRAM).

About the Magic Quadrant

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About McObject

Founded by DBMS and real-time systems experts, McObject offers proven data management technology that makes applications faster as well as more scalable, reliable and economical to develop and maintain. McObject counts among its customers technology leaders such as TradeStation, SunGard Kingstar, hetras GmbH, Transaction Network Services, MeetMe.com, Dalian Commodity Exchange, BAE Systems, Northrop Grumman, Siemens, Philips, EADS, Spirent Communications, F5 Networks, Motorola and Boeing. McObject, based in Issaquah, WA, is committed to providing innovative technology and first-rate services to customers and partners. The company can be reached at +1-425-888-8505, or visit www.mcobject.com.

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