



HIGH PERFORMANCE BATCH PROCESSOR

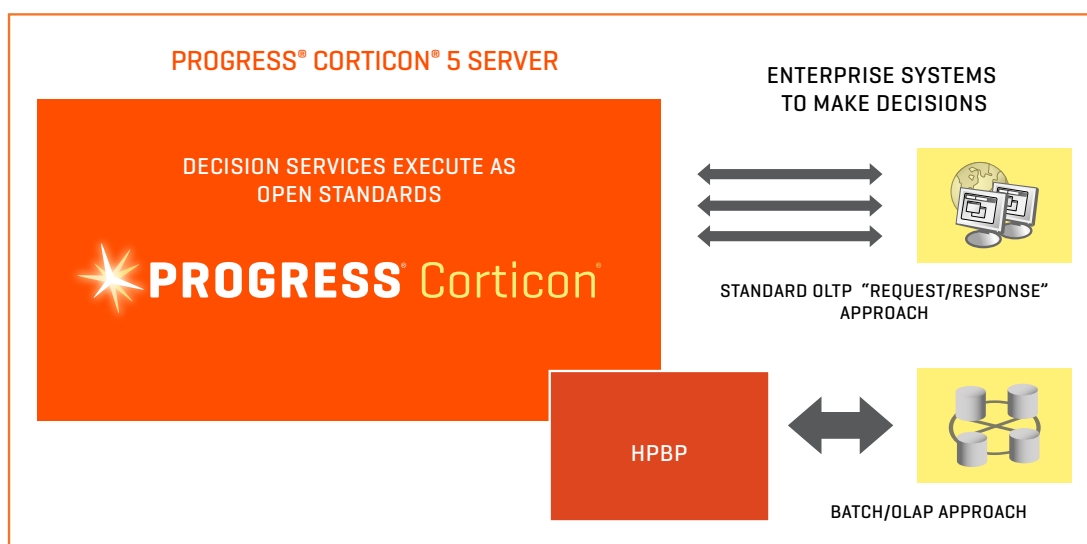
EXTENDING PROGRESS® CORTICON® SERVER FOR BATCH PROCESSING

When used alone, Corticon Business Rules Server [“Corticon Server”] provides scalable, high performance transaction processing via a stateless, request/response architecture. This is ideally suited for online transaction processing [OLTP] applications, using either XML Web Services, or in-process Java or .NET. Using this architecture, a calling application sends a payload to a target decision service. The Corticon Server processes the payload by executing the rules within the target decision service, and then returns a response, including both resulting data and an audit trail indicating the rules that fired.

The standard Corticon Server architecture is ideally suited for high volume transaction processing using a rules engine. But, what if the data to be processed by the rules engine already resides in a database? This is often the case for batch-style applications, as well as for online analytical processing [OLAP] applications. Formerly, Corticon customers were required to build custom batch routines to retrieve the data from the source, feed it to the Corticon Server, and update the response back to the source. Such development required skilled resources and time.

HIGHLIGHTS:

- ▶ Enable fast processing of massive batch operations and analytical applications
- ▶ Achieve linear scalability via multi-threading and bus loading to optimize available hardware resources
- ▶ Process millions of daily transactions in minutes instead of hours.



INTRODUCING THE PROGRESS® CORTICON® HIGH PERFORMANCE BATCH PROCESSOR (CORTICON HPBP)

Corticon now provides, out-of-the-box, a configurable high performance batch processor, available as an option to the Corticon Server. Built for performance and scale, the Corticon HPBP takes advantage of multiple cores and utilizes flexible bus loading to realize the full compute power of existing hardware. This enables the fastest possible processing of massive batch operations and analytical applications.

Corticon High Performance Batch Processor is a powerful, flexible way to rapidly deliver batch and OLAP applications that leverage the Corticon rules engine. It offers linear scalability via multi-threading and bus loading, thus optimizing available hardware resources.

SAMPLE USE CASES FOR CORTICON HPBP

- ▶ **Automating health risk assessment**—This application requires that large amounts of clinical data be analyzed to proactively evaluate patients for health risks. Batch processing is essential to access the database, extract the data and then use extremely complex algorithms to execute business rules against.
- ▶ **Determining Banking transaction fees**—Financial institutions have vastly different fee structures for ATM transactions based on different customer account criteria and constantly changing “bundle offers”. The fees can range from free to varying dollar amounts based on the relationship level of the customer. With a limited window for batch processing transactions and fees nightly, Corticon’s HPBP can process the daily transactions (hundreds of thousands to millions) in minutes.
- ▶ **Determining citizen eligibility for services**—State and federal government agencies need access to large volumes of income data on citizens in order to determine eligibility for various services programs. Extracting thousands of income records from legacy systems via batch processing enables them to quickly execute business rules for eligibility assessment.

Progress Corticon’s High Performance Batch Processor is an option to the Corticon BRMS (version 5 and later) and is available today.

ABOUT PROGRESS CORTICON

Progress Corticon is the Business Rules Management System (BRMS) that delivers high-quality, high-fidelity, high-performance automated business decisions. It helps increase agility of decision change processes, and enables new insights into the connections between individual recurring decisions and business performance. Corticon separates decisions from processes, helping both business and IT users to quickly create or reuse business rules as well as create, improve, collaborate on, and maintain decision logic.

Progress Corticon is the market-leading platform for automating and executing business changes used by over 500 customers worldwide. Customers such as eBay, AEGON, LexisNexis, US Bank and the State of Texas have realized significant bottom- and top-line results using Corticon to improve decision automation, decision change processes and decision-related insights.

PROGRESS SOFTWARE

Progress Software Corporation (NASDAQ: PRGS) is a global software company that simplifies the development, deployment and management of business applications on-premise or in the cloud, on any platform or device, to any data source, with enhanced performance, minimal IT complexity and low total cost of ownership.

WORLDWIDE HEADQUARTERS

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