

# PRECISE for BW

Automated Transaction Performance Management for SAP BI

Today's best run businesses work smarter, not harder. Companies deploy SAP BW to drive critical tactical and strategic decisions, become more transparent and accountable, and more customer-centric and collaborative. As data warehouses grow and user adoption increases, SAP BW performance frequently suffers. Managing the performance of these complex environments is a challenge, but is critical if companies want to realize the full value of their BI investment. With thousands of impatient users accessing terabytes of data, IT needs to ensure consistent BW performance in order to best serve the business.

## SAP BI Management Challenges

The benefits of SAP BW systems can quickly erode when performance problems arise. At the very least, slow reports lead to slow decision making. Worse, when information is outdated, incomplete or not available, decisions are delayed or flawed, leading to end-user frustration and negative financial impact.

With the introduction of SAP BW Accelerator (BWA), users have grown accustomed to instant query response time when accessing extremely large datasets. They also expect that information to be up-to-date. That puts increasing pressure on ETL processes to provide timely, relevant and complete data for the business.

When ETL issues occur, the complexity of SAP BW's distributed architecture makes it hard to find a problem's root cause. Existing SAP BW monitoring tools depend on silo-oriented agents and technologies which don't cover all involved SAP system tiers, limiting visibility and creating more questions than answers. For busy SAP Basis and BW administrators, these silo-based tools fail to provide the information necessary to detect and diagnose the root cause for performance bottlenecks.

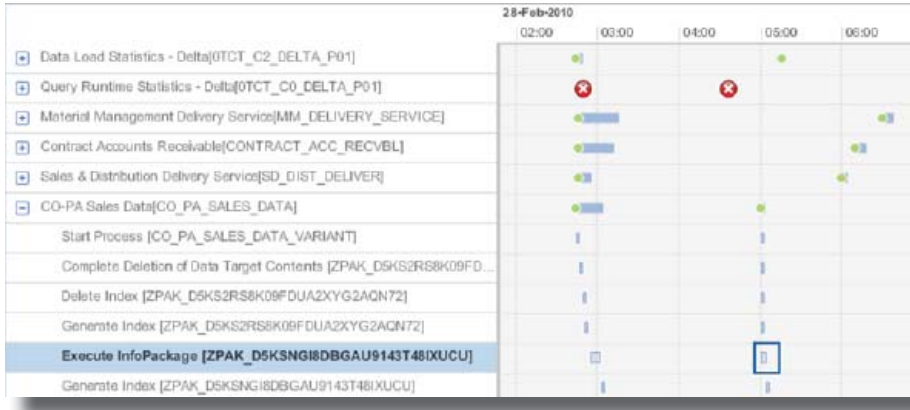
## End-to-end SAP ETL BW visibility

Precise for SAP BW dramatically simplifies and accelerates ETL problem resolution by providing a consolidated view across all involved components and technologies. Precise automatically correlates Process Chains, extraction batch jobs and system alerts with the InfoProviders, tables, SQL statements, and storage accessed. This eliminates the need to manually correlate information from multiple monitoring tools—an error-prone and time consuming process.

## Benefits

- » **IDENTIFY** SAP BI performance issues before end users are impacted or batch windows are exceeded
- » **PINPOINT** the root cause for reporting or InfoCube loading problems,
- » **GAIN** visibility into key processes (end user queries, ETL)
- » **DISCOVER** transaction paths automatically to locate bottlenecks
- » **ACCELERATE** problem resolution with an in-context view of all ECC, BI, database and storage components
- » **DEFER** costly infrastructure upgrades (BW Accelerator, additional CPUs) by tuning SAP performance
- » **IMPROVE** SAP performance and response times to increase efficiency

Precise provides a comprehensive, historical view of actionable performance information, presented in a flexible, easy to understand dashboard. With Precise, business and technical experts alike can quickly spot trends or isolate and fix SAP BW performance problems associated with slow ETLs, or long-running database queries and reports.



## Fast is good. Fast and accurate is better

Precise for SAP BW complements SAP BW Accelerator, by automating ETL performance optimization. As a result, business users not only have results that are fast, but also results that are complete, timely and relevant for their fast-paced business. At the same time, scarce IT resources can refocus on activities that drive value to the business, rather than spending hours and days trouble-shooting and tuning Process Chains.

## Optimize SAP storage for cost and performance

The ability to map SAP activities back to the device, volume, file or disk being accessed allows customers to not only troubleshoot and optimize transaction performance, but to make storage tiering decisions based on business priority. In SAP environments running EMC storage, Precise can even predict the impact that tiering decisions will have on critical SAP transactions or database tables.



With Precise, Storage Administrators understand how storage impacts critical business transactions and SAP Architects can easily determine the appropriate mix of storage necessary to keep up with SAP BW storage growth and performance demands at the lowest possible cost.

## SAP Certification and Integration

Precise works closely with SAP to certify our solutions, meeting or exceeding SAP's comprehensive quality assurance and interoperability requirements. These certifications allow customers to confidently and easily implement Precise solutions in their environment. Integration with SAP Solution Manager helps to reduce the learning curve for customer adoption.



## About Precise

Precise delivers transaction transparency, fastest time to-repair and game-changing problem prevention to customers worldwide. With Precise business and IT can clearly see where critical transactions spend time and how well they are performing against business expectations, providing a whole new perspective on complex IT infrastructure.



Visit our Web site  
[www.precise.com/sap](http://www.precise.com/sap)

To speak with a Product Specialist  
 Call toll-free **1 (877) 845 1886**  
 within the U.S., or visit our website  
 to find an office nearest you.