



Integration Assessment

Executive Summary: NORAD DBControl Online for Oracle

Bradmark Technologies, Inc.

The ICC-Lab of SAP AG Walldorf has conducted an Integration Assessment of the Bradmark Technologies solution NORAD DBControl Online for Oracle. DBControl Online provides uninterrupted data availability while performing data reorganization and partition management of your SAP - Oracle database, with the goal of maximizing availability, performance and reliability of your SAP R/3 environment.

During the assessment, NORAD DBControl Online was tested with a demo SAP R/3 environment using an Oracle 9i database on a RedHat Linux operating system. The test cases were conducted based on predefined test cases described in the Test report "Official Test Protocol for IA on Bradmark Technologies DBControl Online.doc".

NORAD DBControl Online has been evaluated in an SAP solutions environment, and SAP is satisfied that it meets the test requirements and poses no risk to SAP customers.

NORAD DBControl Online provides online data reorganization and partition management for business-critical databases while SAP R/3 remains operational and fully available to users. Reorganizations are performed on SAP - Oracle databases to reclaim fragmented or wasted space and increase the speed of data access. Data reorganization improves availability by optimizing database layout.

A data reorg also improves performance by eliminating row migration that causes additional I/Os during queries and optimizing indexes. Objects can also be moved to other tablespaces and partitioned along with their indexes to improve performance.

Key Features & Benefits

- Ensures 24/7 availability by performing reorgs online, without downtime, providing complete read and write access to your database applications.
- Uses Oracle's trusted replication technology for speed and robustness.
- Reclaims wasted disk space thereby reducing need for additional storage expenditures.
- Optimizes performance through eliminating row migration and improved partitioning.
- Allows intelligent scheduling of the reorganization, including immediate activation, activation at a specific date and time and activation based on the number of transactions per minute on the database.
- Allows for multiple table reorganizations, entire tablespace reorganization and single partition reorganization.

SAP implementations can vary from customer to customer. Only the scenarios provided in the DBControl Online Test Report were performed for this Integration Assessment. See the DBControl Online Test Report document for specific scenarios tested. DBControl Online provides efficient, cost-effective enterprise data management for SAP customers by providing an automated tool that improves database performance and availability through online data reorganization and partition management.