Motorola Printrak BIS System Performs Up to Three Times Faster by Upgrading to Oracle Database 11*g*

PARTNER NAME
Motorola, Inc.
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INDUSTRY:
Financial Services
Banking
Insurance

EMPLOYEES:
66,000

KEY BENEFITS:
- Improved scalability
- Better out of the box performance

"The results of the performance tests have made the IntelligEnt Suite even more appealing and [have opened] opportunities to expand into new market segments. Our customers vary in size from small credit unions to very large commercial institutions, so it is critical that our application scales. To ensure we had this level of scalability, we relied heavily on clustering component of Oracle's grid computing solution."—John Puccetti, VP of CCS Product and Technology Group, Motorola

Motorola Printrak Biometric Identification Solution (BIS) is an advanced enterprise solution that helps law enforcement officers solve crimes and helps border agents identify border crossers. Motorola Printrak BIS's flexibility can serve as a total system solution or can be deployed as modules to be integrated into a larger solution.

Motorola Printrak BIS provides full biometric integration, including fingerprints, palm prints, facial images, descriptive data, iris scans, signatures, and documents. It is a comprehensive solution for investigation, identification, and verification to meet the needs of law enforcement and other civil service workers.

By upgrading to Oracle Database 11*g* with the SecureFiles feature, Motorola Printrak saw the following benefits:

- High concurrency and scalability

- Transparent support for data encryption

- More efficient space management through dynamic chunking and smaller block size

- Very efficient space reclamation

- Performance improvements of up to three times faster than previous versions

Oracle Database 11*g* SecureFiles feature is the next generation of large object storage. It provides capabilities such as transparent data encryption, compression and deduplicaton, and preservation of security, reliability, and scalability of the database.

ORACLE

With its next-generation capabilities including write gather cache, intelligent prefetching, and new space management algorithms, the SecureFiles feature provides file system-like performance for large objects in the database.

About Motorola

Motorola, Inc. (NYSE: MOT) has been at the forefront of communication inventions and innovations for nearly 80 years. It achieved extraordinary accomplishments along the way: it made the equipment that carried the first words from the moon, and it led the cellular communication revolution with the development of the world's first handheld portable cellular phone, the DynaTAC. Motorola was first to bring push-to-talk over cellular to market. More recently, Motorola delivered the first all-digital high-definition television technical standard and demonstrated the world's first WiMAX 802.16e mobile handoff.

Today, Motorola develops a portfolio of technologies, solutions, and services including wireless handsets, wireless accessories, digital entertainment devices, wireless access systems, voice and data communications systems, and enterprise mobility solutions that make mobile experiences possible. With the rapid convergence of fixed and mobile broadband internet and the growing demand for next-generation mobile communication solutions, Motorola's mission is to lead the next wave of innovative products that meet the expanding needs of customers around the world.possible with Oracle that would not have been possible with any other solution? Is Oracle a strategic partner for the company?

Implementation Process and Best Practices

Describe (in paragraph format) the approach to implementation (timeline, consultants, etc). May contain one or several paragraphs and will be roughly the length of other paragraphs.

Don't get overly technical, but discuss the approach, such as joint business/tech teams, re-engineering of business processes, process for vetting customizations, pilot in a small but representative business unit, big bang, etc.

You may work the partner's advice or "lessons learned" into this section if the flow is best that way.