



Safran  
Paris, France  
www.safran-group.com/

#### Industry:

High Technology

#### Annual Revenue:

US\$14.7 billion

#### Employees:

54,500

#### Oracle Products & Services:

Oracle Database  
Oracle Real Application Clusters  
Oracle Automatic Storage  
Management

**“The breadth of Oracle’s solutions allows us to support a wide array of customers, from large state and national systems down to smaller city and municipal systems. Oracle allows us to handle content where the structure is highly variable and not known in advance, without customizing the database schema for each customer, and still not sacrifice performance for flexibility.”**

– Aris Prassinis, Distinguished Member of Technical Staff, MorphoTrak, Inc./Safran

### Safran (MorphoTrak, Inc.) Improves Performance 200% to 300% with Scalable and Efficient Database

Safran is a leading international high-technology group with three core businesses: aerospace, defense, and security. Within the security group, the MorphoTrak, Inc. division provides biometric and identity management solutions to over 50% of the law enforcement biometric identification systems at the state and local level, as well as national and regional systems for the U.S. Federal government and numerous other governments.

#### Challenges

- Optimize performance of the Printrak Biometric Identification Solutions (BIS) system used by criminal justice and civil agencies to manage identification data
- Ensure meeting contractual obligations for performance levels
- Maintain profit margins in competitive mobile technology market with an easily configured, cost-effective solution
- Leverage new functionality without increasing costs to customers to maintain competitive edge

#### Solution

- Upgraded Printrak BIS system customers to Oracle Database 11g to ensure system performance, availability, and security
- Leveraged Oracle Database 11g’s SecureFiles feature to deliver high performance and scalability in a cost-effective manner—allowing MorphoTrak/Safran to meet service level obligations without sacrificing profitability
- Met the criminal justice and civil segments’ increasing need for larger, highly available and scalable systems—improving performance two to three times over
- Maximized the scalability of customer deployments leveraging Oracle Real Application Clusters by eliminating previous limitations on writing to system clusters
- Saved 25% to 30% of disk space by improving data chunking processes to eliminate wasted disk space
- Provided out-of-the-box encryption functionality to meet emerging customer needs at no additional cost
- Ensured support of MorphoTrak’s customers—from large state and national systems to smaller city municipal customers
- Minimized required downtime for adding storage and eliminated the need for on-site database administrator involvement by automatically reconfiguring storage balances