

# Protect your critical information assets across the enterprise

MANAGE DATA, APPLICATION ACCESS AND REGULATORY COMPLIANCE

## BUSINESS CHALLENGE

Securing your increasingly complex and interconnected enterprise from internal and external threats is both an imperative and a challenge in today's business environment. Although it's long been a priority to protect sensitive information from outside threats and unauthorized users, increasingly rigorous regulatory requirements are demanding that businesses implement more stringent internal controls over sensitive data. Sarbanes Oxley, Payment Card Industry Data Security Standard, Healthcare Insurance Portability and Accountability Act and Basel II are but a few examples of the regulations that call for security over even your most privileged users.

Traditional security and access management measures are no longer enough to protect your enterprise and ensure compliance. Historically, company security has been handled at the application level, making the concept of "need to know" difficult to enforce. Retro-fitting security to these applications can be a complex and costly process. Today's companies must implement stronger controls at the data source itself to ensure sensitive information is really secure. Stringent internal controls must be in place to keep data from being stolen or altered – by anyone – even your privileged DBAs. Moreover, once data leaves the database – whether on disk, tape or across the network, companies must ensure it's encrypted for maximum protection.

Similarly, traditional manual identity and access management processes, typically siloed by application, are time-consuming, expensive and error-prone. To ensure enterprise-wide security among complex, interconnected systems, companies need an integrated and comprehensive technology solution – one that automates the process of provisioning and de-provisioning access based on user role.

Failure to meet these security and access management requirements not only leaves your company at risk for security breaches, but can also result in severe financial penalties if your company is audited. Without question, the stakes are high.

## SOLUTION OVERVIEW

With more than 20 years of experience, Rolta TUSC consultants leverage Oracle's vast array of security solutions to ensure your data is protected and that regulatory mandates are met – all while reducing your security-related costs. We maximize your capabilities with:

- **Database-level security**—With solutions that enable privileged user and multi-factor access control, transparent data encryption, data masking, monitoring and more, you're able to maintain data privacy and improve regulatory compliance dramatically.
- **Identity and access management**—In the middle tier, we leverage Oracle's Identity Management Suite to enable you to manage the end-to-end lifecycle of user identities across all your enterprise resources – both within and beyond the firewall.

Rolta TUSC provides expert end-to-end services in support of these technologies, from initial assessment through implementation, testing and rollout, ensuring rapid ROI.

## BENEFITS

- **Mitigate risk**—Ensure your data is safeguarded from insider and outsider threats and the associated repercussions of a security breach.
- **Reduce security-related costs**—Deploy one integrated security solution throughout the enterprise, lower administrative costs through automation, and avoid audit penalties.
- **Increase IT efficiency**—Manual effort is significantly reduced through tools that automate provisioning, de-provisioning, audit reporting and security monitoring. Security no longer has to be "bolted on" to each application.
- **Ensure compliance**—With technologies that secure data from even privileged users, ensure transparent data encryption, and lock audit trails, you're able to meet today's most stringent regulatory requirements.



**ORACLE** Platinum Partner

## SOLUTION DETAILS

An Oracle Certified Advantage partner with more than 20 years of experience, Rolta TUSC leverages Oracle Database and Fusion Middleware technologies to help you meet your most pressing enterprise security and compliance needs. Rolta TUSC consultants assess your existing environment and tailor a combination of the following leading Oracle solutions:

### DATABASE SECURITY OPTIONS

Complementing your application-level security, Oracle Database Security options help you minimize costs associated with compliance and deployment of strong internal controls. Options include:

- **Oracle Advanced Security**—Provides an easy-to-deploy and comprehensive solution for protecting all communication to and from the Oracle Database, providing both native network encryption and SSL-based encryption.
- **Oracle Label Security**—Enables powerful row-level access controls in the Oracle Database using data sensitivity labels.
- **Oracle Database Vault**—Protects access to sensitive application data and eliminates ad-hoc database changes by even privileged users for strong internal controls.
- **Oracle Audit Vault**—Transparently collects and consolidates audit data (from both Oracle and non-Oracle databases), providing valuable insight into who did what to which data when – including privileged users.
- **Oracle Enterprise Manager Data Masking Pack**—Protects sensitive information such as credit cards and social-security numbers by replacing them with realistic values. Production data can then be safely used for development, testing or sharing with business partners.



## FOR MORE INFORMATION

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## IDENTITY AND ACCESS MANAGEMENT

Oracle Identity Management Suite is an integrated suite of best-of-breed solutions for powerful enterprise security. Its components can be broken down into three key categories:

- **Access Management**—Serving as the gatekeeper for your company's critical information, these products allow you to regulate user access to enterprise resources. You can implement strong authentication and risk-based authorization for critical applications, and enforce minimal access rights based on roles, attributes and requests. Specific products include Oracle Web Services Manager, Oracle Adaptive Access Manager, Oracle Identity Federation, Oracle Enterprise Single Sign-On Suite, Oracle Entitlements Server and Oracle Access Manager.
- **Identity Administration and Provisioning**—Oracle Role Manager and Oracle Identity Manager automate the entire lifecycle of identity data, policies and processes, helping you manage user provisioning, role management and audit reporting in a manner that complies with regulations.
- **Directory Services**—Providing the basic building blocks for your identity management platform, these products help centralize account management. You're able to align identities and roles with the appropriate access privileges so you can automatically streamline identity management policies and processes throughout the organization. Specific products include Oracle Internet Directory and Oracle Virtual Directory.

## ABOUT US

TUSC has been known as the Oracle Experts for more than 20 years, but Rolta TUSC is so much more than that now! Through the merger of Rolta's IT Consulting Division with the acquisitions of TUSC, WhittmanHart Consulting, and Piocon Technologies, we have gained some of the world's most knowledgeable technology and business experts in enterprise performance management, business intelligence, and CA infrastructure management solutions.

While we have added exciting new capabilities, we remain committed to maintaining our expertise and industry leadership in Oracle E-Business Suite and Oracle Technology. Now more than ever, Rolta TUSC has the expertise and solutions your organization will need to be competitive in our new economy.