It makes good business sense to open up your networks for greater connectivity. Your customers and suppliers appreciate the ease of accessing your resources—but so do the hackers who want to steal your customer data and sell it to fraudsters. That’s why it’s no longer enough to install powerful perimeter and network security technology. Only by keeping controls as close to your data as possible can you avoid the breaches that can cost your company millions of dollars in remediation expenses.

Prevent Unauthorized Access to Your Sensitive Data

Maintain total control over access to your data with Oracle Managed Cloud Security Services. These powerful yet customizable services are available with Oracle Managed Cloud Services to help you overcome your organization’s unique database security challenges as quickly and cost-effectively as possible. You gain peace of mind from knowing that your security initiatives are backed by Oracle’s 14 years of experience securely managing customer data.

With Oracle Managed Cloud Security Services, you can:

» Improve security for your most sensitive databases.
» Meet internal or regulatory security requirements with less effort.
» Minimize the setup time and complexity of your security solutions.
» Lower your risk management costs.
» Eliminate your need to hire security experts.

Minimize Security Risks and Meet Compliance Requirements

There has never been a better time to move your data to the cloud—but IT professionals like you are rightly concerned about the many emerging threats to the security of your data. Oracle Managed Cloud Security Services help you minimize security risks and meet industry compliance requirements as you share information freely with customers and partners.

Oracle takes a layered approach to security by embedding robust controls into all activities within Oracle Managed Cloud Services. In addition, there is a broad portfolio of optional security services that include:

» **Strong Authentication Service.** Use a multi-factor authentication service to protect your managed cloud application environment against unauthorized access, gain real-time web fraud detection and prevention, and enable compliance with strong authentication requirements.

» **Single Sign-On Service.** Prevent unauthorized access to your web applications while enhancing employee productivity and reducing your support costs.
» **Identity Provisioning Service.** Speed up the provisioning of user accounts and application privileges while reducing the burden on your help desk.

» **Identity Federation Service.** Save time for your employees by allowing your managed cloud-based web applications to participate in cross-domain federated single sign-on circles of trust that span multiple sites.

» **HIPAA Services.** Protect your electronic protected health information (ePHI) in an Oracle-managed environment. These services will help you meet your legal obligations under HIPAA as amended by the HITECH Act.

» **PCI Services.** Reduce the time and cost associated with PCI compliance by leveraging Oracle’s expertise as a Level 1 Payment Card Industry (PCI) Compliant Service Provider since 2006.

» **Government Services.** Run your agency’s business operations more effectively and at a lower cost. These services ease compliance with federal legislative and executive mandates and directives.

» **21 CFR Part 11.** Support your compliance validation requirements. These services make cloud computing more realistic for pharmaceutical companies and medical device manufacturers.

» **Secure Banking Cloud Services.** Get the proactive security you need to manage risks in today’s world of online financial services. These services include direct and core banking applications (FlexCube) managed by Oracle@Oracle.

» **Database Security Service Packs for @Customer.** Turn-key service offerings to enhance your database security in your data center. Allows the customer to improve security for sensitive databases, meet internal or regulatory security policies and compliance changes, and reduce setup time and complexity.

Choose Enhanced Security Services to Meet Your Organization’s Unique Needs

Your company may have unique security, compliance, and risk management requirements that demand a more robust level of data security protection when you move your data to the cloud. That’s why Oracle offers Enhanced Security Services. These services are available cafeteria-style to allow you to implement the precise controls you need at a price that meets your security budget. Whether you meet all your needs with Base Services or choose from the lineup of Advanced Services, you’ll be able to take advantage of Oracle’s expertise in implementing your customized security solution.

**Base Services**

Each Enhanced Security Services subscription includes:

» Quarterly external and internal QualysGuard scans of the servers hosting your production Enhanced Security Services Environments.

» Quarterly QualysGuard scans of externally accessible web service on your production Enhanced Security Services Environments.

» Network Topology Review, which includes creation of a network diagram with connections to the Enhanced Security Services Environments.

» Annual network and application penetration test for your production Enhanced Security Services Environments.

» Quarterly reviews of the firewall policies and network devices configurations for your Enhanced Security Environments.

» Quarterly Service Delivery Review to identify changes in your business or environment that may impact effectiveness of the services, and to identify the need for changes in your service plan.

**KEY BENEFITS**

- Protect privacy
- Protect from intrusion and malicious acts
- Comply with regulatory requirements
- Avoid adverse legal consequences
- Assure business continuity
- Protect the valuation and reputation of your business
for additional services to address new threats.

Advanced Services

You can get a higher level of protection for your organization’s data by choosing:

» **Oracle Database Auditing.** Monitor and alert on database security events.

» **Oracle Data Masking.** Mask sensitive data stored in your non-production Oracle databases within the On Demand Enhanced Security Services Environments.

» **Oracle Database Encryption (TDE).** Encrypt data in the Oracle database to secure your environment against system or operating system level attacks and unauthorized access.

» **Oracle Database Vault.** Protect application data from being accessed by unauthorized database users.

» **Web Application Firewall.** Install, configure, and manage a firewall for your internet-facing application environments.

» **Client SSL Authorization for SOA.** Provide enhanced protection against unauthorized access to your web application environments.

» **Flat File Encryption.** Protect flat files (excluding database files) that contain sensitive data.

» **File Integrity Monitoring.** Monitor for, and provide alerts of, unauthorized changes to certain system and application files that would signal a possible environment compromise.

Move to the Cloud with Confidence

With Oracle Managed Cloud Security Services, you can take the risk out of moving your business—and your data—to the cloud. By leveraging Oracle’s expertise at keeping sensitive data safe, you can implement higher levels of production with less effort and at a lower cost. As your business needs change, simply add or reconfigure specialized security services to keep your data protected for years to come.