



PUBLIC SECTOR

Integrate and Provide Secure Information

Flexible, adaptable, highly interconnected, communication networks and information systems are critical elements to field a globally deployed, near-real time force posture. Oracle has been a leader in helping organizations deploy facilitate increased collaboration and synchronization, ensuring enhanced speed of command.

The availability of accurate, relevant and timely data throughout a globally aware infrastructure is of paramount importance. Network-centric operations require a high degree of collaboration over a robust technology infrastructure. This requires users in different locations to be able to share information simultaneously and in a secure environment. Oracle offers the most comprehensive Business Intelligence (BI) platform available today, which gives you a complete view of all resources and advanced analytics to support critical operations. Another important challenge for the defense forces is the integration of existing, disparate and new applications to create a seamless flow of information. Oracle's Application Integration Architecture is a step in this direction, and facilitates the integration of people, processes and technology. Oracle's strength lies in its ability to provide a single architecture along with the tools to enable defense organizations to:

- Create a complete view of information across multiple commands
- Share secure information between departments
- Ensure secure role-based communications between personnel.

Create a complete view of information across multiple commands

Defense organizations need to work with information residing in multiple commands. While most of the systems in use are not interconnected, a complete picture is still required at all times.

Oracle's unified BI suite creates a complete view of information across multiple commands, and provides timely, accurate and relevant data. Oracle's BI infrastructure enables the consolidation of data from disparate applications, both Oracle and non-Oracle, to drive performance analysis and improvement initiatives. It provides end-to-end information on varied aspects impacting military operations, including the skill-sets and resources available for a mission; the impact on asset downtime due to preventive maintenance; whether the equipment deployment for global operations is effective; and an analysis of the procurement spend on maintenance services. The easy-to-use toolset empowers users to conduct their own query and "what-if" analysis without having to rely on IT for support.

With Oracle's BI tools, defense organizations overcome the silos of information, and gain actual benefits from optimizing business processes working from a single source of truth.

"NATO is looking ahead to the adoption of International Public Sector Accounting Standards (ISPSAS) and, in parallel, to modernizing its accounting practices and procedures. The implementation of the Oracle E-Business Suite provides NATO with the mechanism by which we can meet these goals, and will enable the development of more meaningful and timely management information."

Mr. David Oakley
NATO Program Director

"The Oracle suite of products gives us the ability to deliver the ADMIS strategic vision as a truly workable reality. Oracle's investment in Web technology makes it easy for us to take full advantage of the benefits it can offer us. Their expertise in defense development systems and the excellent support we receive contributes to the success of the ADMIS program."

Colonel Mike Manson
Program Manager, MoD, United Kingdom

Share secure information between departments

Information access is very important in an environment where data sharing and collaboration are mainstays. However, organizations are seeking to enforce data protection through traditional access control mechanisms like usernames and passwords which can be readily compromised. Similarly, users are assigned roles which seek to limit what data they can access. For privileged users like database administrators, such restrictions are insufficient, since they have privileges above and beyond what normal users have, and can access unlimited amount of data.

Oracle provides a number of solutions to ensure the security of data, both to limit and control access to data within the database itself as well as to protect the data across networks. Oracle's market-leading, comprehensive security solution is the only one-of-its-kind to enable a common security framework for applications as well as data. Built on open standards, it can secure not just Oracle Database, applications and middleware, but also non-Oracle enterprise applications and platforms. Oracle's Advanced Security protects sensitive data at its source via state-of-the-art encryption technologies. Oracle's Secure Backup encrypts tape backups and ensures that even back-up data tapes cannot be compromised. Oracle's Label-based Security restricts access to information based on the access rights of users, which depends on their role in the organization and their clearance privileges.

Oracle's security solutions enable you to manage and monitor secure information sharing across departments, including user management, data protection and access control ensuring the safety of sensitive data.

Ensure secure role-based communications between personnel

Application access in recent times has been largely controlled by mechanisms built into individual applications. Controls are often inconsistent across applications; do not enforce complexity checks; do not provide for automated grants or revocation of user privileges; and are not audited. This precludes organizations from effectively centralizing and automating the creation and enforcement of security controls across their user populations.

Oracle provides the broadest Identity Management (IDM) offering. Oracle's Identity Management allows defense organizations to manage the end-to-end lifecycle of user identities across all resources both within and beyond the firewall. It allows for many unique features, including faster deployment of applications; applies the most granular protection to resources; and automatically eliminates latent access privileges. Oracle's Identity Management spans Web access control, identity federation, enterprise single sign-on, user provisioning, LDAPv3 directory, Virtual directory and Web services management. Oracle's Identity Management allows you to centralize identity administration and verification processes, and interface with human resources or human capital management systems. It supports policy-based security and single sign-on to multiple applications, enforces the segregation of duties and restricts data access. Oracle's Identity Management infrastructure automates key processes to reduce audit cycles and dramatically lower compliance costs.

Oracle's end-to-end solution

Oracle has the technology, services and experience to assist the military in its transformation. Oracle's Database and Fusion Middleware, Business Intelligence and E-Business Suite are all products that can be used by the military in network-centric operations. Oracle's products and services provide the technological expertise to implement, maintain and evolve these systems to meet emerging requirements.

Contact Us

To learn more, call +1.800.ORACLE1 to speak to an Oracle representative or visit oracle.com/government.

Outside North America, visit oracle.com/corporate/contact to find the phone number for your local Oracle office.

Did You Know?

- **Over 100** U.S. Federal Government organizations run Oracle Applications
- **23 of the 26** NATO Countries run Oracle Applications
- **11 of the 20** largest Ministries of Defense worldwide run Oracle Applications
- **16** Latin American and Caribbean Country Governments run Oracle Applications
- **9** Asia Pacific Country Governments run Oracle Applications

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