



ERP Armor Data Sheet

ERP Armor

ERP Armor, our Risk Content, is designed to identify and monitor risk. We want to make your organization more effective and efficient by training your staff to remediate and monitor risks.

ERP Armor Architecture

The heart of ERP Armor is the design of your ERP Risk solution that blends a proven ERP Risk Architecture and ERP Risk content developed over 20 years. We take a security first approach to compliance by initially focusing on Sensitive Access conflicts and then look at Segregation of Duties conflicts in **ERP Armor: Rules**. ERP Armor works with industry leading GRC Software solutions or we can deliver the data to you on an ongoing basis through ERP Armor as a Service.

ERP Armor: Rules

ERP Armor: Rules comprise Segregation of Duties conflicts and Sensitive Access rules. We stay current with changes provided by the ERP software providers and update our rules on a regular basis. This is particularly important in SaaS solutions like ERP / HCM Cloud where updates are made quarterly, or other SaaS solutions that provide semi-annual updates.

ERP Armor: Roles

ERP Armor: Roles are pre-built custom roles tested and ready to be deployed in your environment. For ERP / HCM Cloud and E-Business Suite we provide up to 30 free roles as part of our ERP Armor subscription to help accelerate your remediation efforts.

ERP Armor: Reports

ERP Armor: Reports is a set of reports and queries that allows Internal Auditors and others access to data and analysis needed to test controls and help manage ERP risk.

Any ERP, Any GRC Software Solution

We support any ERP and any GRC software solution, including proprietary and internally developed solutions. Our foundation has delivered the industry's most complete rulesets for Oracle ERP/HCM Cloud and E-Business Suite; also other major ERP systems including NetSuite, Workday, and SAP. We can also integrate with any custom-developed solution.

Contact us

From initial engagement to solution design, our team of experts work closely with you to develop an ERP risk approach with a Risk Assessment, Design, Build, and Maintain process. We recognize every client is at a different stage, so we bring recommendations and resources to complement your risk team. Please contact us at info@erpra.net.

ERP Armor: Rules – Sensitive Access and SoD rules

ERP Cloud: Controls monitoring for more than 1,800 objects, mapped to specific risks. Extensive library of Sensitive Access conflicts and Segregation of Duties rules covering:

- Rules: **649** SoD/SA rules covering **2,386** Privileges, Duty Roles, and DSPs

E-Business Suite: Controls monitoring for more than 500 tables, mapped to specific risks. Extensive library of Sensitive Access conflicts and Segregation of Duties rules covering:

- Rules: Over 1200 SoD/SA rules covering 3,800 Functions and 4,500 Concurrent Programs

Other ERP Systems we cover: JDE, Concur, Dynamics, NetSuite, Yardi, Fusion Analytics Warehouse, PeopleSoft, BuildPro and all others... including custom systems – we can do it all! Coming soon Salesforce, SAP, and Workday. We also cover technology tools such as Azure, Sailpoint, OCI, IDCS, and CyberArk.

Oracle ERP Cloud License Privileges: We are currently monitoring new and existing cloud services being impacted by Oracle cloud privileges.

Both E-Business Suite and ERP Cloud (common to both)

Segregation of Duties Conflicts

Maintain Suppliers vs Enter PO's
 Maintain Suppliers vs Enter AP Invoices
 Maintain Suppliers vs Enter AP Payments
 Enter AP Invoices vs Enter AP Payments
 Enter Journals vs Post Journals
 Enter Journals vs Journal Sources
 Maintain Customers vs Maintain Orders
 Enter PO's vs Receive Goods and Services
 Enter PO's vs Line Types
 Enter AP Payments vs Payables Options

Sensitive Access Rules

Maintain Suppliers
 Enter AP Invoices
 Enter AP Payments
 Enter Journals
 Post Journals
 Journal Sources
 Document Types
 SLA Journal Entries
 Lookup Codes
 Profile Option Values

E-Business Suite

Segregation of Duties Conflicts

Enter Journals vs Accounting Setup Manager
 Enter Journals vs Journal Authorization Limits
 Enter Journals vs System Profile Values
 Users vs Responsibilities

Sensitive Access Rules

Accounting Setup Manager
 Purge Programs
 SQL Injection Forms (75+)
 Responsibilities

ERP Cloud

Segregation of Duties Conflicts

Transaction Console vs Maintain PO's
 Users vs Manage Roles

Sensitive Access Rules

Manage Audit Policies
 Update Supplier Bank Account

in 2022

ERP Armor: Roles – Standard Custom Roles

Our **ERP Armor: Roles** library contains 91 roles for EBS and 74 for ERP Cloud. We offer our 'core' IT roles with a subscription to **ERP Armor: Rules**, shown below. For more details, such as the roles for Financials, SCM, HCM, Manufacturing, and others, please contact us.

E-Business Suite:

Role Name	Role Description
Sys Admin View Only	View-only access to most of the key activities contained in System Administrator, Application Developer, Functional Administrator, Functional Developer, System Administration, and Alert Manager.
User Provisioning	Role designed for help desk users and others who are authorized to do user provisioning. Has the ability to set up a user, reset passwords, and assign Responsibilities to users.
IT Role Configuration	Ability to make changes to Roles via the following functions: Responsibilities, Menus, and Request Groups. Also has the Menu cloning process via Functional Administrator.
IT DBA Configuration	Broad range of configurations that should be subject to the change control process including forms that allow SQL injection. Used primarily when DBAs are asked to move a broad range of development into Production.
Profile Option Configuration	Ability to set profile options through the System Profile Values form.

ERP Cloud:

Role Name	Role Description
Audit Policy Maintenance and Reporting Job Role	Ability to enable and disable audit policies and report on the data. Changes to Audit Policy configuration should go through the Change Management process. No control owner should have access to this Role since they could disable the Audit Policies and undermine the control.
Audit Policy Reporting Job Role	Ability to report on the audit policy data. Used by control owners to report on data needed to execute their controls.
User Provisioning Job Role	Provides the ability to create and maintain users, email addresses, and assign roles to users; also provides ability to reset passwords and disable users. This would be granted to someone who currently has the IT Security Manager role but should only be authorized to do user provisioning.
Security Configuration Job Role	Provides the ability to build and modify custom roles and all other activities from the IT Security Manager role, other than the User Provisioning abilities. This should only be assigned to IT. All activity through this role should be subject to the Change Management process.
Security Inquiry Job Role	View only access to Users and Assigned roles as well as Role definitions. Also has ability to run reports such as User Role Membership Report and User and Role Access Audit Report.

ERP Armor: Reports – Access to Data and Analysis

ERP Armor: Reports is a set of reports and queries to allow IT Users and Internal Auditors access to data and analysis needed to assess ERP Risk. We have a large library of pre-built reports and will provide you with new, updated reports based on your needs. We will then add these reports to our library; effectively taking an 'open source' development model for reports. This is particularly helpful to Internal Auditors.

Change Management Population

If you are looking for a population of changes, we can help! Whether you are an IT Auditor, External Auditor, or in IT performing quality assurance over your Change Management process, we can provide reporting for a complete population of changes. We can also work to provide audit support and messaging for your audits.

Continuous Controls Monitoring

Our reporting capabilities can periodically snapshot your data and provide you with the answers you need to test your IT controls and functional controls. Our knowledge of the underlying data model and our 20+ years of experience will provide access to the data you need.

E-Business Suite Examples:

Report	Report Description
Change Management Population	Data from 100+ tables as a population of changes you can use for your Change Management population
SQL Injection	Identify the current state of the data via the Forms that allowed SQL injection
Purchase Orders with Two-Way Match	Where your policy requires that all PO's are a 3-way match, we can provide a list of PO's where the 2-way match was configured
User Password Exceptions	Users with password values not consistent with your policy

ERP Cloud Examples:

Role Name	Role Description
Change Management Population	Data from 100+ tables as a population of changes you can use for your Change Management population
Delegations Allowed	Identify the Roles that are allowed to be delegated to other Users
Profile Option Values	Provide a full population of profile options assigned
Password / SSO Configurations	Current state of these critical configurations
Enabled Audit Policies	Current state of these critical configurations and when they have last been updated