



## ERP Armor Data Sheet

### **ERP Armor**

ERP Armor, our Risk Content, is designed to identify and monitor risk. We don't want your consulting business – we want to train your resources 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 focusing on Sensitive Access conflicts first 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 ruleset for Oracle and we are extending into SAP, Microsoft, Workday, Salesforce and Coupa. We can also integrate with any internal custom solution and other ERP systems.

### **Contact us**

From initial engagement to solution design, our team of experts works 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](mailto:info@erpra.net).

## ERP Armor: Rules – Sensitive Access and SoD rules

**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

**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: 551 SoD/SA rules covering 2,278 Privileges, Duty Roles, and DSPs

**Other ERP Systems we cover:** JDE, Concur, Dynamics, NetSuite, Yardi, Fusion Analytics Warehouse and all others... including custom systems – we can do it all! Coming soon Salesforce

### 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

## 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:

<b><u>Role Name</u></b>	<b><u>Role Description</u></b>
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:

<b><u>Role Name</u></b>	<b><u>Role Description</u></b>
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:

<b>Report</b>	<b>Report Description</b>
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:

<b>Role Name</b>	<b>Role Description</b>
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