

Efficient, Manageable Security and Compliance Solutions

Your JD Edwards system is one of your most valuable assets, so it's important to protect it.

But with many business-critical demands on IT resources, we often find that security initiatives are continually postponed – until either auditors intervene, or fraud happens.

You need security to be efficient and reliable, so that it does its job with minimal burden on your IT team.

With almost 3 decades' experience in JDE security and audit, our solutions are designed to help you manage JDE risk and fulfil your audit obligations efficiently.

Here's a brief overview of our on-premise and Cloud-based risk management solutions, which enable you to cut the cost and effort of managing security and audit.

Cloud-based Security Audit

QCloud Security Audit

If you're unsure about the effectiveness of your security, or if you suspect there are weaknesses, but find it difficult to pin them down, QCloud can quickly and easily give you the information you need to find and fix the problems.

It's a Cloud-based audit service which analyzes your JDE security and Segregation of Duties (SoD).

Simply log in to QCloud, request an audit, then download the QCloud Audit library and Q Agent, which gathers the security data needed, then pushes it to QCloud, where the analysis is carried out and the reports are produced.

It reports on:

- **General Security and Settings:**

- Users
- Menus
- Action Code
- Programs
- Function keys
- UDC
- Business Unit

- **Access to Critical Programs**

- **Segregation of Duties.**

You will also receive detailed reports, both interactive and pdf, to help you find and fix specific vulnerabilities:

- Users with access to Critical Programs
- Users with Segregation of Duties violations.

QCloud analysis and reporting encapsulates our deep experience of working with JD Edwards security. It shines a light on vulnerabilities that many people overlook.



**Find out more about
QCloud Security Audit [here](#)**

On-Premise Solutions

Secure your World environment with much less hassle

Our solutions make it much easier to implement an **All Doors Closed** (ADC) security strategy, as recommended by auditors.

Key benefits and features include:

- Better protection for less cost and effort
- Greatly reduce the complexity and effort of analyzing and managing security
- Quickly find and fix the gaps in your security
- Easy to implement and manage Multiple Roles
- Simplify and automate Segregation of Duties management, with both preventive checks and detective reports
- Find fast answers to your auditors questions, with auditor-friendly reports and drill-down tools for easy investigation
- Monitor changes to critical data and notify appropriate users when they occur.

World Analyzer:

Whatever combination of controls you use, World Analyzer displays the net effect of them in a single screen, taking into account all the complexities of the hierarchical User/Group/*Public relationship – so you can see exactly what access a User/Group has. You can then use the new Action code Inquiry and Report Writer Form, on/off locks, in A9.3 to rapidly close security gaps.

Access Analysis by User/Program

Find out which programs users can access or which users can access a given program; discover the routes by which the access is achieved (including low-level calls within programs) and the actions they can perform.

Online or Offline Analysis

Results can be viewed online or exported for offline analysis.

Easy Management of Security Settings with Proactive Segregation of Duties Checks

Security updates can be applied directly from World Analyzer. Before changes are applied, checks are carried out to assess whether the new settings would violate your SoD rules, and display a warning if they do.

Fast Menu Analysis and Updates

Quickly find information on who can access specific menus; all menus that specific users can access; all menu routes that a particular user can take to reach other menus and specific programs and all applied

masking selections. Menu security can be updated in blocks.

Program Analysis

Shows security settings for all programs. Filters allow you to identify objects which are not properly protected and/or those which interact with critical files.

World Config

Provides an easy, efficient way to manage Profiles and Multiple Roles and enables you to align your security with your business processes.

Unlimited Groups or Roles can be assigned to Users, easily administered by simply allocating or de-allocating Roles. Users can access all their Roles via a single sign-on and security will change dynamically depending on which Role the User selects after signing on. To speed up security set-up, we can supply a library of pre-defined roles.

User Security Workbench

Manage profiles and security from a single screen rather than having to jump between programs.

Automated Profile Creation and Deletion

Greatly speeds up the process of creating new users; User Security Workbench automatically creates new users with both the JD Edwards attributes and IBM attributes specified for that profile. If a profile is deleted, it will be completely removed from both the IBM system and JDE.

Sort and Organize User Security

Query by Example can be used to organize the data for easier review and management.

Multiple Roles with Single Sign-on

Now there is no need to sign on and off when switching between different types of duties. Users sign on once then select the roles as needed. Appropriate security for each role is applied automatically as they switch.

World SoD

Say goodbye to complicated spreadsheets and time-consuming manual checks! With World SoD you can maintain detailed rules and run compliance reports to enforce your company's SoD policy and identify violations quickly.

Preventive Controls: Stop Violations at Source

Check new access rights for potential SoD conflicts before the new access is granted. The checks apply whether updates are carried out via Action Code security, Function Key security or Report Writer Form security, and take into account all objects assigned to the User/Group.

Mitigations

Mitigations can be applied to prevent false positives being highlighted where users need to be assigned access that contravenes your SoD policy, perhaps due to temporary cover during staff absence. The reason for the mitigation can be documented as evidence for auditors.

Flexible Reporting

Violations can be viewed/reported by user, program or role.

A starter set of Segregation of Duties rules is provided, which can be easily adapted to suit your organization's specific policies.

Granularity of Rules

Your rules can be as simple or complex as you need them to be. Functions can be declared as collections of programs or specific screens and function keys. With AND/OR logic you can specify and report against an almost infinite combination of SoD rule definitions.

Works across Multiple Roles

When used in conjunction with World Config, World SoD takes into account the permissions activated by Multiple Roles assignments when checking for security violations.

Insight Reporting for QSoftware with World SoD (IR4QS)

With our advanced reporting module, violations can be viewed within pre-built dynamic inquiries.

IR4QS makes it easier for you to drill down to investigate violations and produce auditor-friendly reports with meaningful descriptions. A highly featured and flexible Windows-based end user reporting tool, IR4QS enables inquiries to be filtered and linked so you can quickly pinpoint the details you need.

Fraud Detector

An auditing and monitoring tool that lets you:

- Specify the items you wish to monitor
- Track all changes to those items
- Receive timely notification of changes.

Simple definition of auditing rules

Specify which data is of interest, which actions to monitor, and which users should be monitored or excluded. Rules can be as granular as you need.

Email notifications when changes occur

Up to 3 email addresses can be notified.

User friendly ad hoc queries

Define queries on changes to a database item or changes made by particular users, then automatically create a new rule that uses those parameters.

Generate Reports / Export results

Output results to a report or a data extract file as required.

License Management

QCloud License Audit

As your business grows and changes, it's important to ensure that your JDE licensing is compatible with your current needs.

QCloud License Audit for JD Edwards World is a Cloud-based service which analyzes your actual JDE usage and provides accurate statistics on the number of unique users that have performed updates to system database tables during the review period.

These tables are then grouped into 3 tiers in the audit reports:

1. System code
2. SKU code
3. Bundle or Product Suite

The number of unique users that have updated the database is calculated from the audit fields in each of the database tables. These fields hold the user profile that performed the last change to the data and the date and time that the change was made.

Key benefits and features include:

- Get an accurate view of actual usage
- Helps you understand your licensing needs and supports your negotiations with Oracle.

To find out more or request a demo of any of these products, email sales@qsoftware.com or visit www.qsoftware.com



US Headquarters

5889 Greenwood Plaza Blvd, Suite 401
Greenwood Village, CO 80111
Tel: (720) 390 7970

UK & EMEA Headquarters

Connect House, Kingston Road
Leatherhead KT22 7LT United Kingdom
Tel: +44 (0)1372 700850

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www.qsoftware.com

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