May 2025

Implementing Change Control in JDE

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We help our customers realize IT

Cloud Hosting

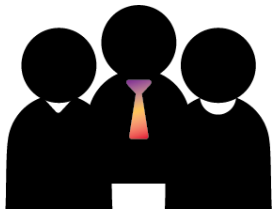
Public, private and hybrid cloud solutions

Managed Services

ERP system management with first-rate response times

AI & Generative AI

Integrating your business data with emerging technologies



JDE Consulting

Develop, implement, and support JDE applications

ERP Suites Products

ORACLE
JD EDWARDS

Clarity

Synthetic monitoring and alerting to help JDE system admins

Scanability

Fast ROI with modern JDE barcode scanning

Mobility

JDE data and task management to mobile devices

ERP Suites Services

Business Advisory Services

- Project Management
- Technical Strategic Roadmapping
- Enterprise Architecture Strategy
- Systems Gap Analysis
- Process Engineering
- Organizational Change Management
- Digital Transformation
- Analytics & Insights Strategy

Functional Consulting Services

- JDE Distribution & Warehousing
- JDE Manufacturing
- JDE Financials
- JDE Human Capital Management
- Managed Services
- UXOne Expertise
- User Defined Objects
- Orchestration Design & Build

Technical & Infrastructure Services

- Technical Refresh
- Technical Upgrades
- Cloud Migrations
- IBM iSeries Administration
- Cloud Administration
- Networking & Server Infrastructure
- Identity Management
- Cybersecurity

Trusted Advisors

For JDE Users

unlocking efficiency | boosting profitability

ORACLE | Partner

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We build relationships to deliver the best solution for your situation

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ARCTOOLS® ARCHIVE INTEGRITY

CISCO™

f5®

IBM

Microsoft

ORACLE®

PURESTORAGE

redhat®

riverbed

servicenow™

vmware®

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Over 300 companies have trusted us to help them grow

ALLOut Security software

The ALLOut mission is to help YOU **Simplify, Enhance & Report** on JDE Security & Controls.

ALLOut Security » **Market Leading Software**

ALLOut Academy » **Best Practice Education**

ALLOut Partner » **Global Partner Network**

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Why is ALLOut the better choice?

+20 Years of JDE Security Expertise with a Roadmap of Continuous Innovation for a Future-Proof Solution

Enhanced Access Reporting & Audit Monitoring with Risk Alert Query's, E1 Pages, Watchlists (UDOs)

Efficient Access Approval Workflows to Control JDE Role Assignments, Security & Menu Changes

Streamlined Security Model & Segregation of Duties Built on Standard JDE Roles - No Additional Functions or Components

Complete JDE Security Training & AI Enhanced Support Portal is Available to Customers

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What software modules are available?

Access Reporting	User Productivity	Security Management	Project Acceleration	Risk & SoD Management	Access Change Management	Risk Auditing

E1 Modules

Risk Reporting

Risk Management

ProfilePlus

SecurityPlus

MenuPlus

CombiRoles

Data Modules

StartOut Security Data

SoDMaster Best Practice Rules

UXPlus Risk Alert Delivered UDOs

Database Modules

TRACE for IBMi & Oracle Database

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Implementing Access Change Control in JD Edwards

May 21, 2025

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Director, JDE Security

ERP Suites

Stefanos Stylianou

Partnership & Alliances Director

ALLOut Security

Agenda

- What is Change Control for Security
- Technical requirements
- Implementing Change Control

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What is Change Control for Security?

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Change Control

- Change control is a systematic process for managing and documenting proposed changes to a project, system, or product. It involves identifying, evaluating, and approving or rejecting modifications to ensure minimal disruption and efficient resource utilization.

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Does security have change control?

- Yes!
- JDE is configurable and allows you to implement very customizable configurations
- It is not setup by default
- It DOES work and many clients have implemented it

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It’s NOT Magic!

- Make changes to security within a role
  - F00950
- Make changes to role assignments
  - F95921 (+ others)
- Process changes manually – dual entry
- Choose a partner with automated tools and processes

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Technical Requirements

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Choose your strategy

1. Security changes
2. Role assignment changes
3. Both!

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DOCUMENT!!

- Understand your change control options
- Document your strategy and configuration
- Develop your process BEFORE making any technical changes
  - Develop and document Emergency Change processes
- Communicate and validate your configuration + your process with everyone, especially any consultants!

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Security only

Multiple Tables - Security

- Create a copy of F00950
- Create OCM for non-production

NOT supported by Oracle

Role assignments

Multiple Tables - Roles

- Create a copy of F95921, F0093, F00926, F00941
- Create OCM for non-production

NOT supported by Oracle

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Configuration

- Keep Production pointing to the original tables
- If using ONLY for PD, ensure no other environments are allowed in the web instance

Segregate Environments!

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JAS Server & Instances

- JAS Server vs JAS Instance
  - ‘Physical’ server hosts multiple virtual instances
  - Environments mapped to different security tables CANNOT be on the same JAS instance

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Important Note on new Roles

- New roles update multiple tables:
  - F0092: Role header
  - F0093: Environments
  - F00926: Description and Sequence
- F0092 is common, other tables are split
- Environments **MUST** be in the Prod F0093 table for the role to work, even in non-prod

Implementing Security Change Control

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New Tables

- COPY the original tables to the new datasource using OMW, according to your PLAN!

- Validate the tables copied and the data matches

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OCM Mappings

- Create OCM Mappings for a single user for a fat client environment
- TEST and ensure changes are occurring in the desired tables only
- Once verified, create OCM mappings according to your documented plan
- Restart all JDE services, verify again before allowing users in

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Sample Mappings

ENVIRONMENT	TABLE	MAPPING
DV920/JDV920	F00950, F95921, F00926, F0093, F00941	J-ENTDV01 – 920 Server Map
PY920/JPY920	F00950, F95921, F00926, F0093, F00941	J-ENTDV01 – 920 Server Map
QA920/JQA920	F00950, F95921, F00926, F0093, F00941	J-ENTDV01 – 920 Server Map
TRN920/JTRN920	F00950, F95921, F00926, F0093, F00941	J-ENTDV01 – 920 Server Map
PS920/JPS920	F00950, F95921, F00926, F0093, F00941	System - 920
PD920/JPD920	F00950, F95921, F00926, F0093, F00941	System - 920

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Manual Change Control

- Manually track changes to Security or Role Assignments
- Test, Validate, and Approve done via Excel or…?
- Perform dual entry in Production

		User	Role	-	Effective Date	Expiration Date	Include In All	Reason Code	-	Authorized By	Explanation	Audit User	Audit Pgm	Audit Date	Audit Time	Attachment
☐		JMILLER	03CREDIT		03/12/2025		1	P		CHGAPPRV	Change Control Webinar	BCONNOR	PAOS0002	05/05/2025	165241	*see attachment: https://questoraclecommunity.org/...

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Manual Change Control

- Potential for being mis-keyed in Production
  - Export from the grid for security and role assignment changes
  - Paste the exported data into Production
- Manual entry= Double the time per change

- Easier to bypass the process

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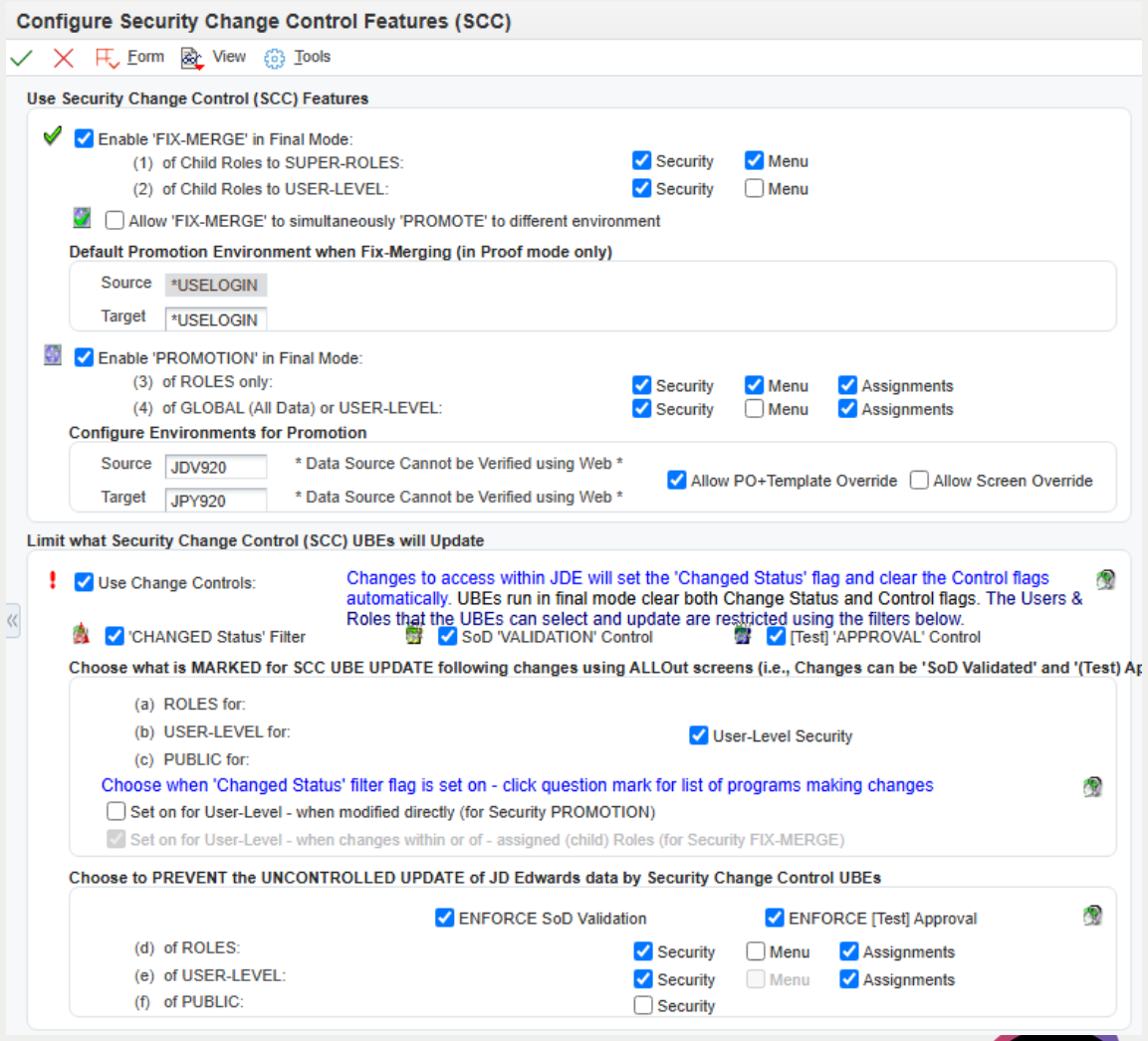
Automated Change Control

- More time up front to define the process
- Enforce defined Policy
- Promote changes to Production
- Auditable



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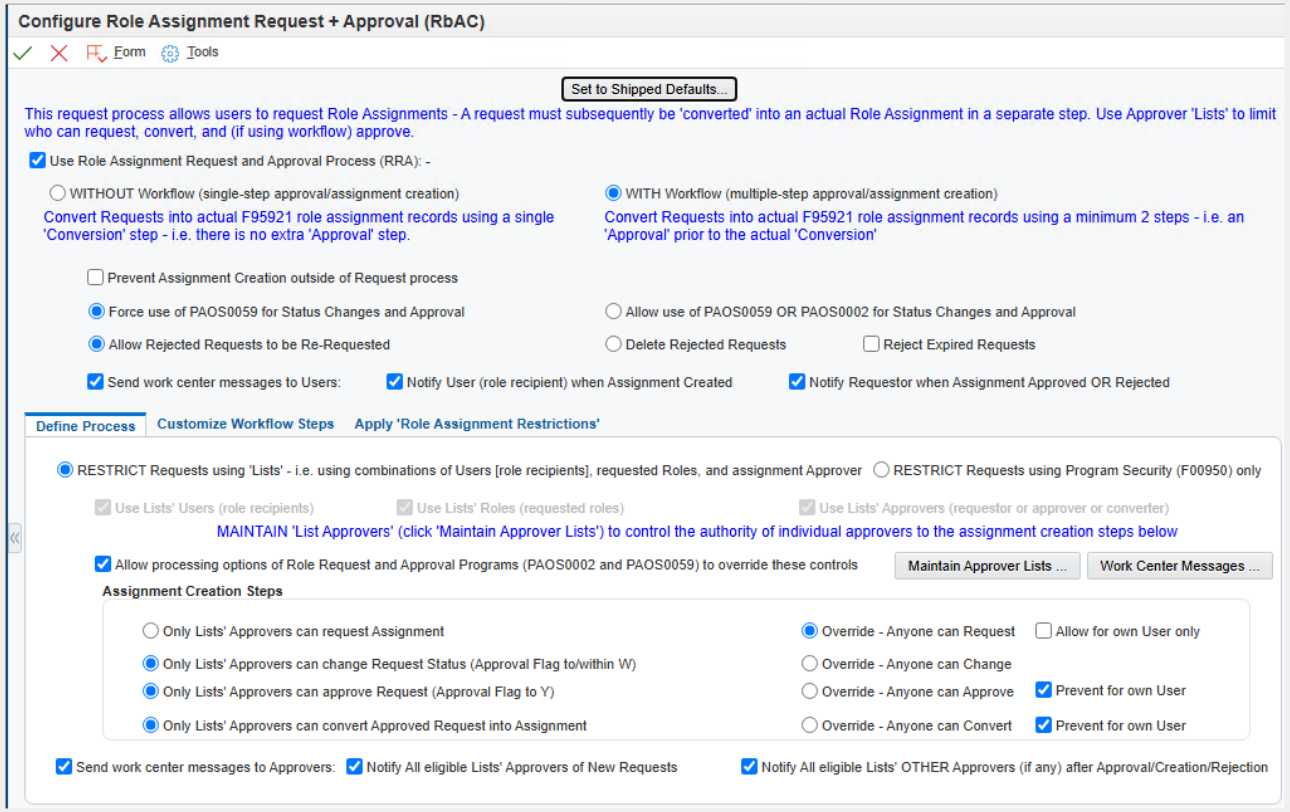
Automated Change Control

- Flexible Process, defined by you

- Can be changed over time as your process matures



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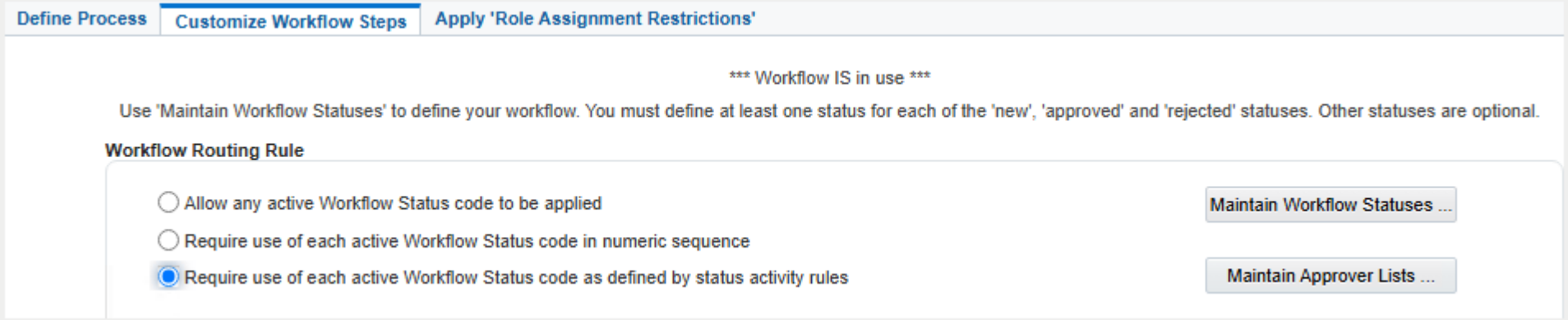
Workflow

- Define workflow routing
- Enforce defined Policy
- Customizable to your needs
- Auditable



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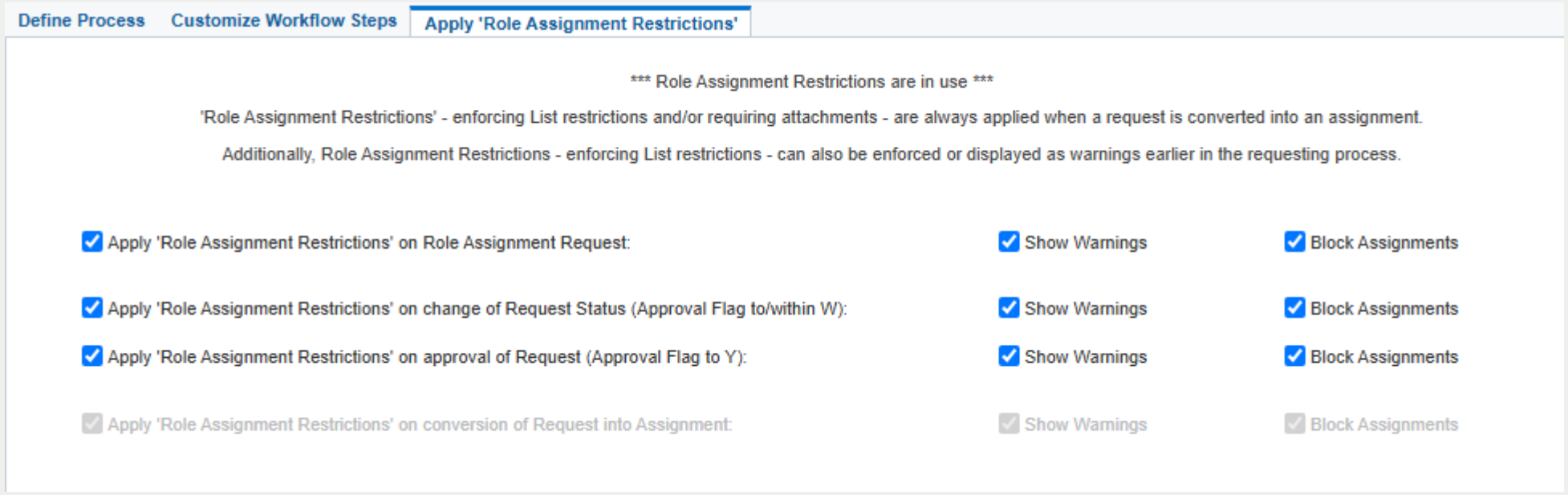
Role Restrictions

- Decide how you want to use it
- Enroll multiple approvers and requestors
- Auditable



Leveraging change control solutions

- **ALLOut Security** delivers **flexible change control software**
- Choose to Test/Approve menu, security or role assignment changes
- Validate access changes to ensure there are NO SoD Breaches!
- Audit trail with option to attach supporting documentation

Promote Security, Menu or Role Assignment Changes Across Environments

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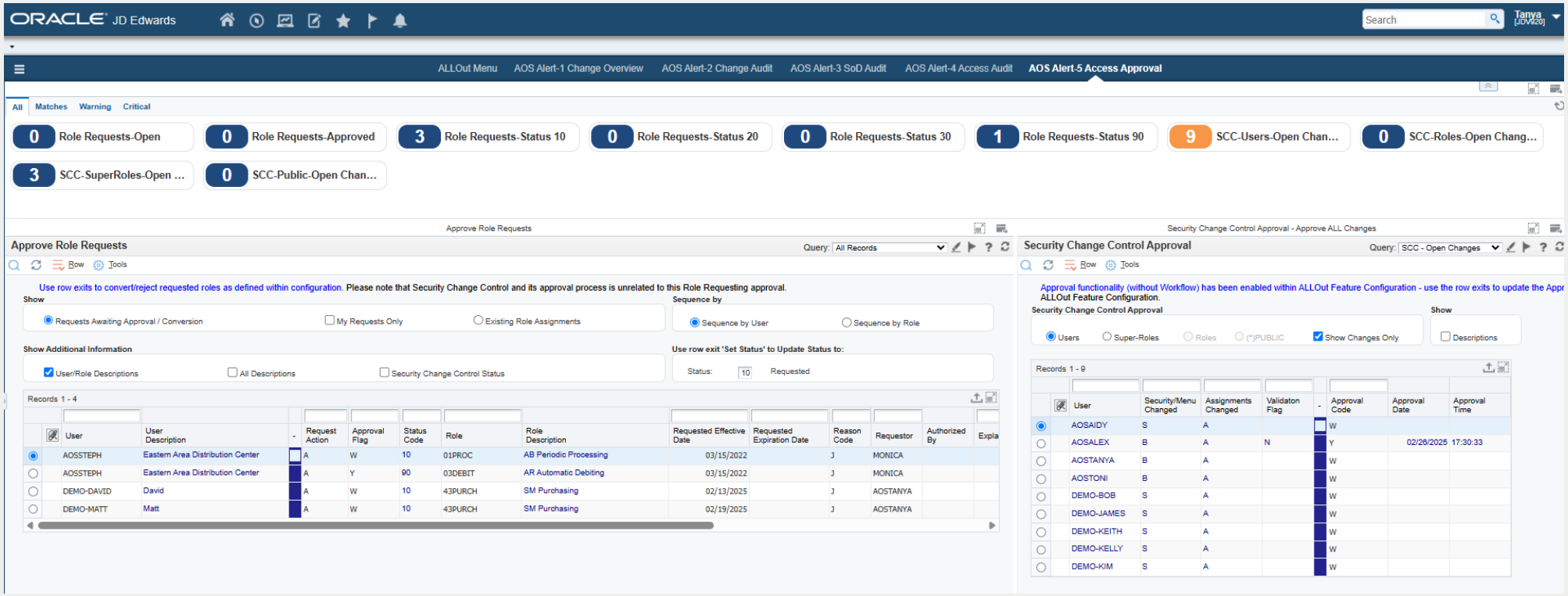
UXPlus Risk Alert – UDOs by ALLOut Security



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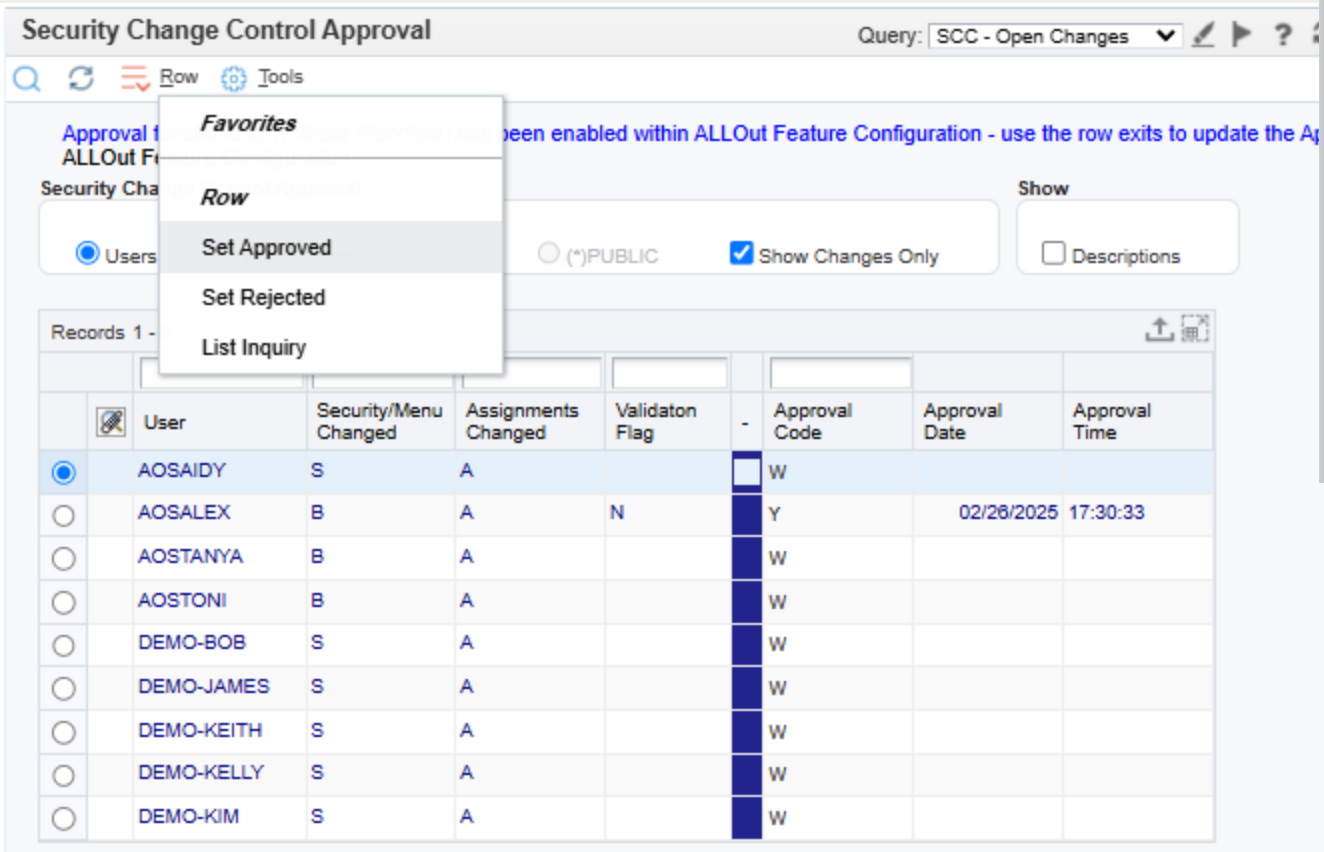
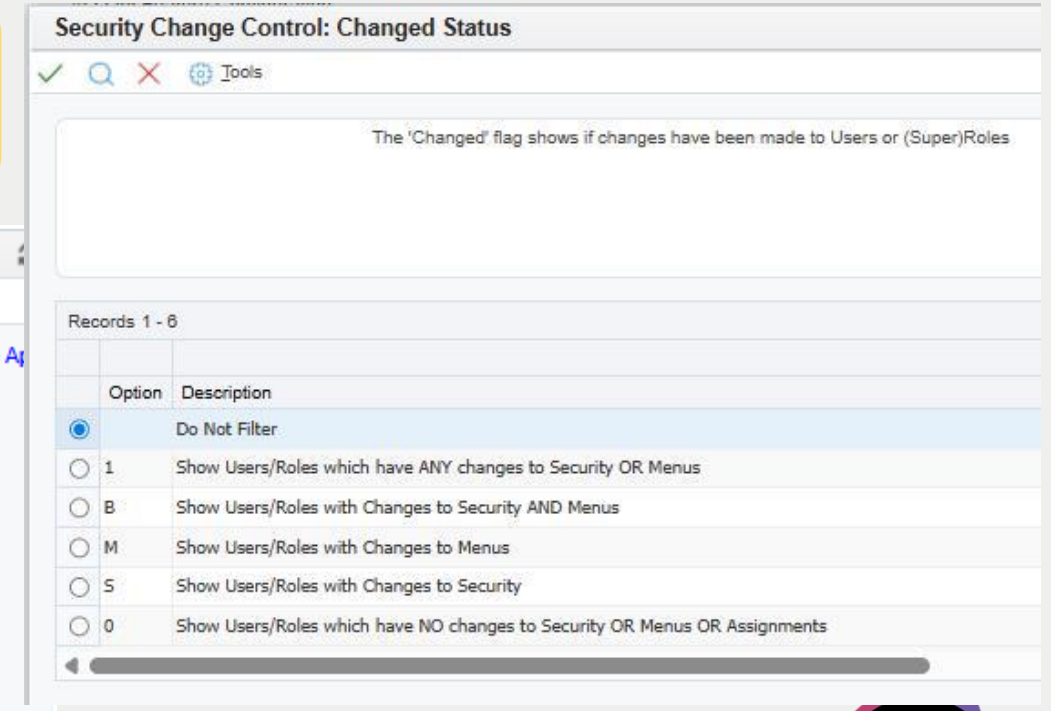
Track & Approve Changes in JD Edwards

Supported by ALLOut Security





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Questions?

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How Can We Help?

Talk with us!

Blueprint 4D

June 9-13 | Las Vegas

- Booth 415
- Making the case for Change Control: P050015 June 13 @ 10AM Lando 4304

User Groups

- Houston: May 22
- PLUG: June 9
- Houston: July 21
- …and more

Video Podcast

Not Your Grandpa's JDE
presented by ERP Suites

Now available on YouTube and Spotify