



SAP Ariba 

Intelligent Configuration Management (ICM)

SAP Ariba Core Platform
September 2023

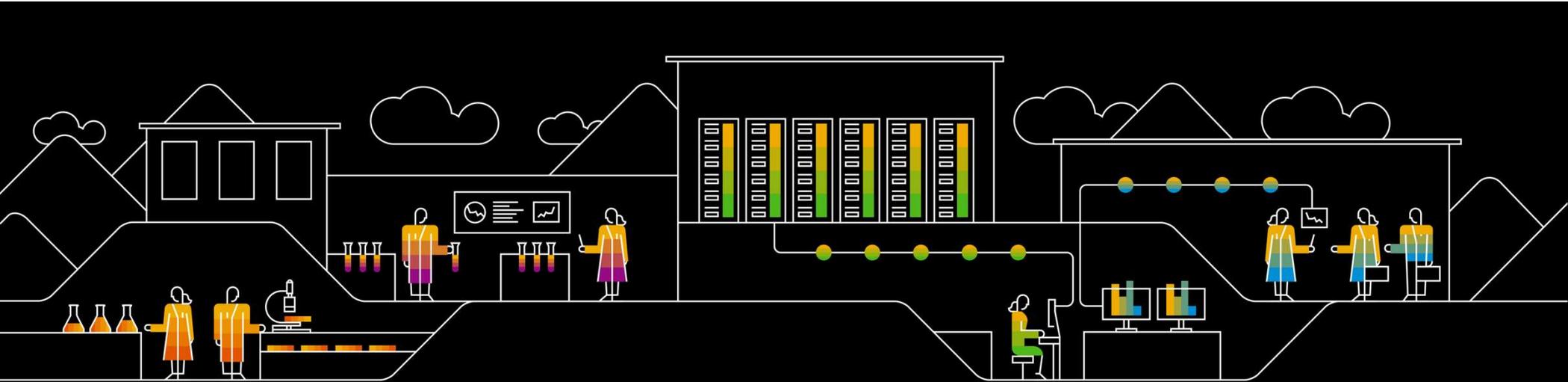
PUBLIC

THE BEST RUN 

Agenda

- 1 Introduction
- 2 Audit Logs
- 3 Reporting
- 4 Data Purging
- 5 Parameter and Field Configuration
- 6 ICM Features
- 7 Q & A





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Introduction

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Intelligent Configuration Manager (ICM)

Using the Intelligent Configuration Manager, customer administrators can easily manage their site configurations of various SAP Ariba solutions in one centralized location. It provides more flexibility in testing, approving, and deploying all configuration updates in your test site before rolling them out to the production site.

The Intelligent Configuration Manager lets you:

- View and modify site parameters of various SAP Ariba solutions
- Test configuration updates in the test site before deploying them in the production site
- Audit and approve the updates before deployment
- Package and transport all updates across to the production site
- Audit logs of all activities for security and compliance management

ICM – Access and Navigation

User having Customer Administrator group can access ICM workspace and tasks

1. Log in to your SAP Ariba site using your administrator username and password.
2. On the dashboard, choose one of the following:
 - **Manage > Core Administration** if the site includes SAP Ariba Procurement solutions.
 - **Manage > Administration** if the site includes SAP Ariba Strategic Sourcing and Supplier Management solutions.
3. Click Intelligent Configuration Manager > Manage Configurations.
4. On the Welcome to Intelligent Configuration Manager page, click Continue to go to the Intelligent Configuration Manager home page.

ICM - Dashboard

SAP Intelligent Configuration Manager

Home Buying and Invoicing

Start your journey with **Intelligent Configuration Manager**

Learn more about Intelligent Configuration Manager workspace and related tasks through [training materials](#).

My action items

+ Create package | + Create deployment

Package New package	02/17/2020 Draft
Package Change Company name	02/17/2020 Ready to test
Package Tax code package	02/17/2020 Ready to test

Activities

Search

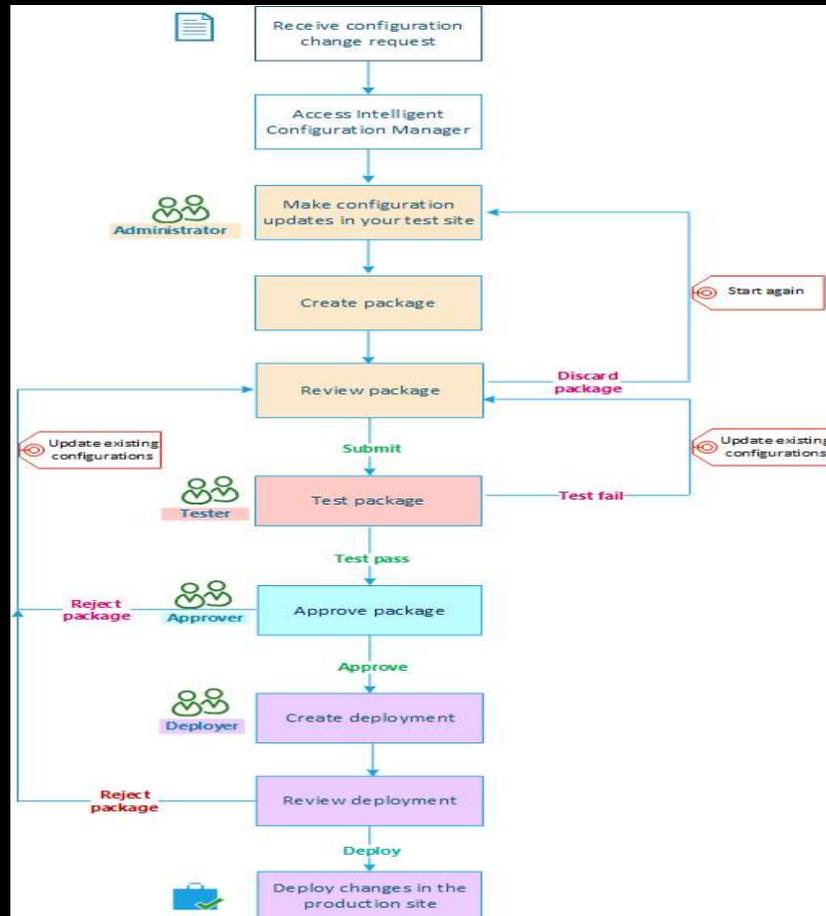
- Deployment Email approval deployment **Deployed**
Chad Noll | 02/17/2020
- Deployment Email approval deployment
Pending deployment
Chad Noll | 02/17/2020
- Package
Ready to deploy

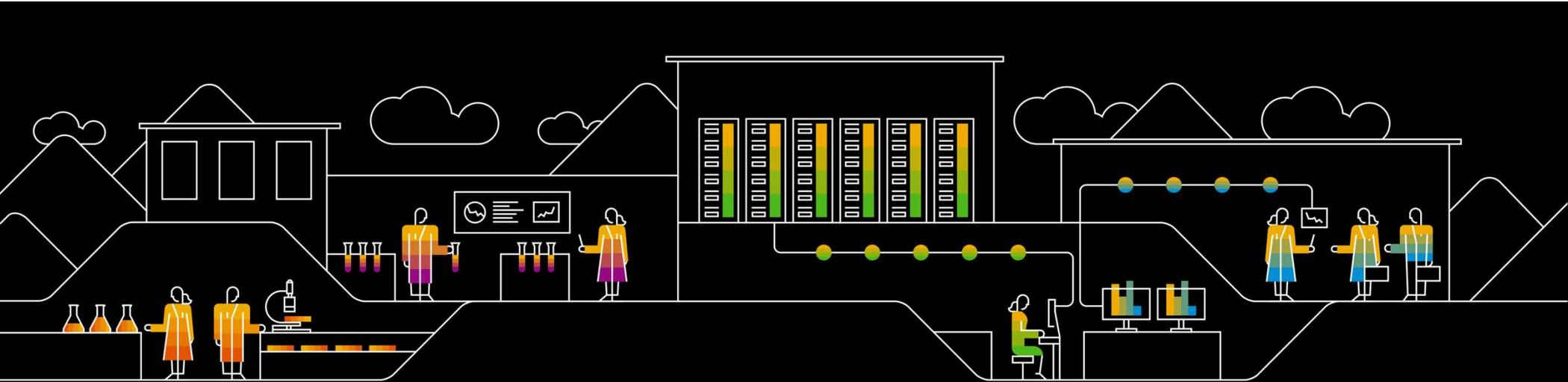
Packages Deployments

Search

- Allow custom logo **Deployed**
- Email approval package **Deployed**

ICM –Workflow





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Audit Logs

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Audit Logs

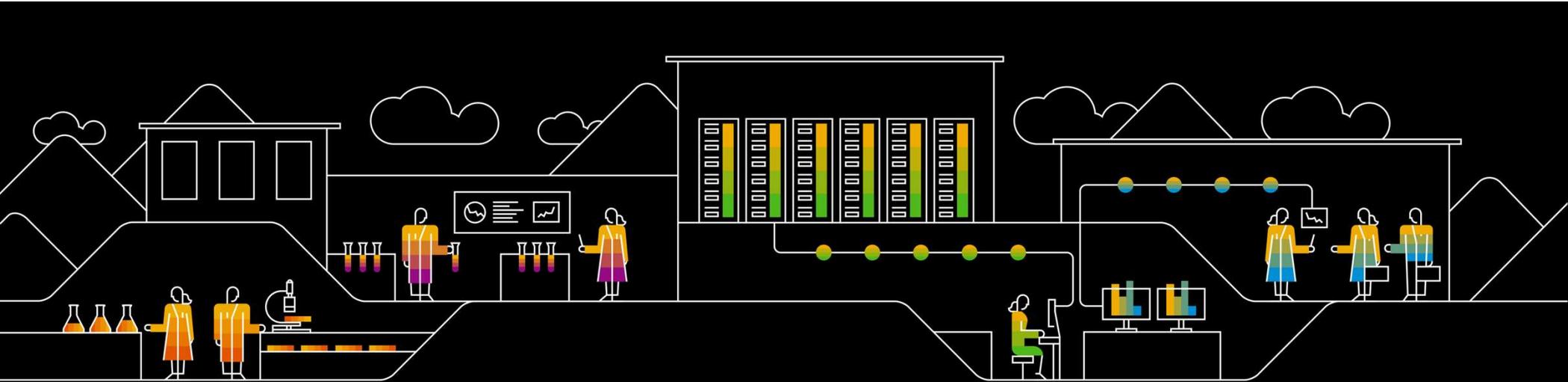
The SAP Ariba audit service enables administrators and security personnel to take a detailed look at what occurs in their SAP Ariba site, reproduce potential malicious activities of users and administrators, monitor administrative activities, like configuration changes, and retrieve forensic evidence if a security breach occurs.

The SAP Ariba audit service log entries contain identifying information, such as user, event type, date, and time. When users change data, the SAP Ariba audit service records both the old and new value.

The SAP Ariba audit service creates a log entry when a user, integration tool, or scheduled event:

- Changes a user's authorization
- Import or downloads data
- Creates, edits, or deletes data
- Authenticates a user
- Changes system configuration
- Accesses or changes sensitive information

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Reporting

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Reporting in ICM

Generate reports to analyze activity in your SAP Ariba solution.

The Reports tab has filters for reports for specific applications, dates, or event types

Prerequisites

- Members of the Customer Administrator or Audit User group can perform this task.
- Use Cygwin to enable secure communication using Open SSL on the Microsoft Windows operating system. When installing Cygwin, on the Cygwin Setup – Select Packages panel, select the following packages:
 - openssl
 - unzip
 - unzip-debuginfo

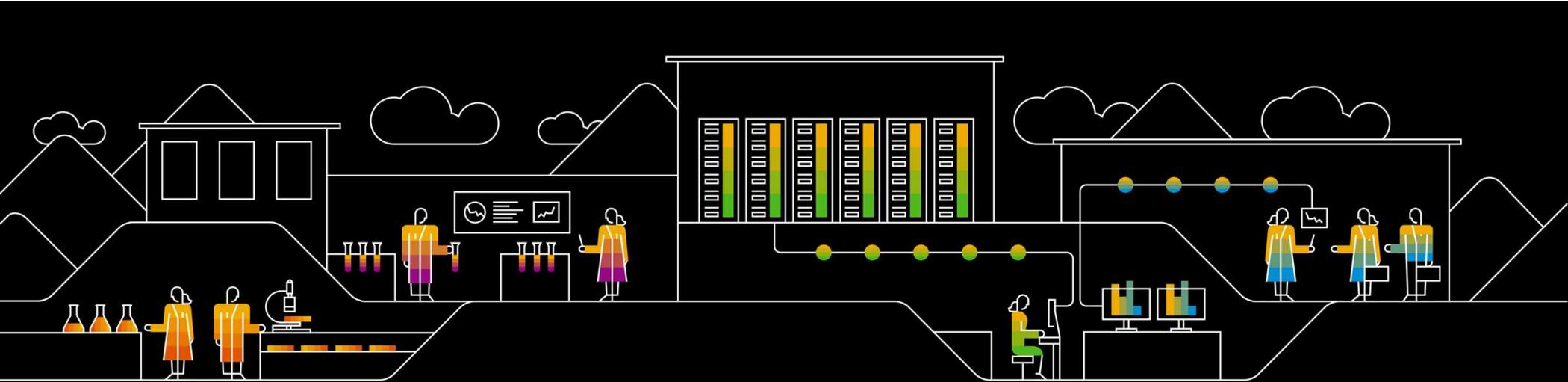
Steps

- Creation of Private Key
- Creation of Public Key
- Decrypt Symmetric Key file (Key File)
- Decrypt Initialization Vector file (IV File)
- **Hint** - Remove the .aes extension from the download zip file
- Extract the contents of the zip file

To view the contents of the audit report data files:

1. Download and extract the contents of the ZIP file.
2. Use your private key (that corresponds to the public key submitted on the **Create audit report** page) to decrypt the symmetric key file (**Key** file).
3. Use your private key to decrypt the Initialization Vector file (**IV** file).
4. Use the symmetric key and IV to decrypt the data files (files that end with the symmetric encryption method, such as .aes).

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Data Purging

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Data Purging

One can manually purge data older than a specified date. We can also configure recurring data purges based on the retention policy in the site using the Intelligent Configuration Manager workspace

- **Date-based data purges.**

- **Recurring data purges.**

Date-Based Data Purges

- **Transaction data.**
- **Master data for users and suppliers.**
- **Audit log records.**

Phases in Purging

- **Request phase:**
- **Review phase:**
- **Delete phase:**
- **Purge phase:**

DEMO

Results

- The initial deletion is a soft-delete and a 30-day grace period is given before physical deletion of the data.
- The data that is marked for the delete phase remains in the database until the grace period is over.
- After we initiate the delete phase, the system generates the purge data list. We can download and decrypt the contents of the purge data list.

Next Steps

- Check the status of the purge request on the Manage purge requests page.
- During the purge phase, after a 30-day grace period, the system deletes the identified purge objects (a summary list and the purge data list) from the database permanently.

Recurring Data Purges

For the purpose of data management, it may be required to purge the data from the system based on a retention policy on a regular basis.

- Customer administrators can configure recurring data purges based on the retention policy on the site
- The Data Protection Officer (DPO) can manage data purge requests on the site. The DPO can download and save ZIP files (a summary file and the purge data files) of objects that are identified for purging before the system purges them permanently.
- For the parent-child sites and in multi-ERP configurations, customer administrator must define separate recurring data purges in the parent site and in each child site.

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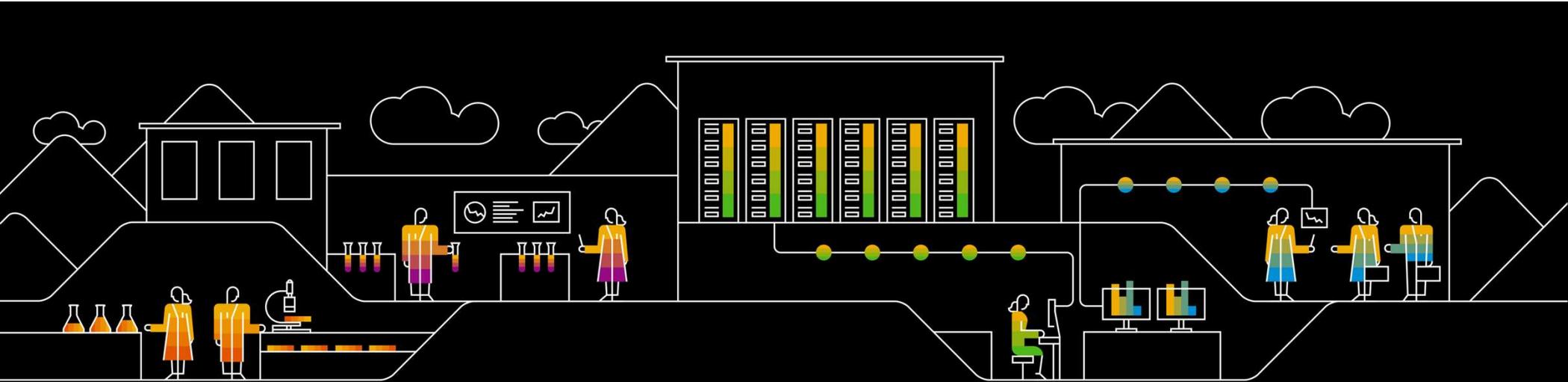
Configuring Recurring Data Purges in the Site Contd.

Results

After we submit the package for the recurring data purges, SAP Ariba runs a scheduled task in the site and purges the identified purge objects after the defined retention period. The initial deletion is a soft-delete and a 30-day grace period is given before physical deletion of the data.

Next Steps

- Administrators must test packages to analyze the impact of the changes. All tested packages can be deployed in the production site after approval.
- The DPO can check the status of the recurring purge request on the Manage purge requests page by accessing the Privacy Management Purge requests menu.



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Field Configuration & Parameters

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Field Configuration

Customer administrators can view field configurations in their SAP Ariba Procurement solutions and SAP Ariba Strategic Sourcing and Supplier Management solutions.

SAP Ariba provides standard fields, but custom fields can be added and configured by SAP Ariba.

Custom fields can be of different data types based on the requirement and plays a crucial role in dictating the behavior of the SAP Ariba solution. They can be added during or after the deployment in your solution.

Customer administrators can:

- View field configurations in their SAP Ariba Procurement solutions and SAP Ariba Strategic Sourcing and Supplier Management solutions.
- Download a read-only JSON file for more information about modules and classes.
- Review field (template) properties.
- Use this information to request specific field configuration changes and new custom fields by contacting their SAP Ariba Customer Engagement Executive, Account Manager, or SAP Ariba Support. Note: You can request field customization only for classes related to features that are enabled for you.

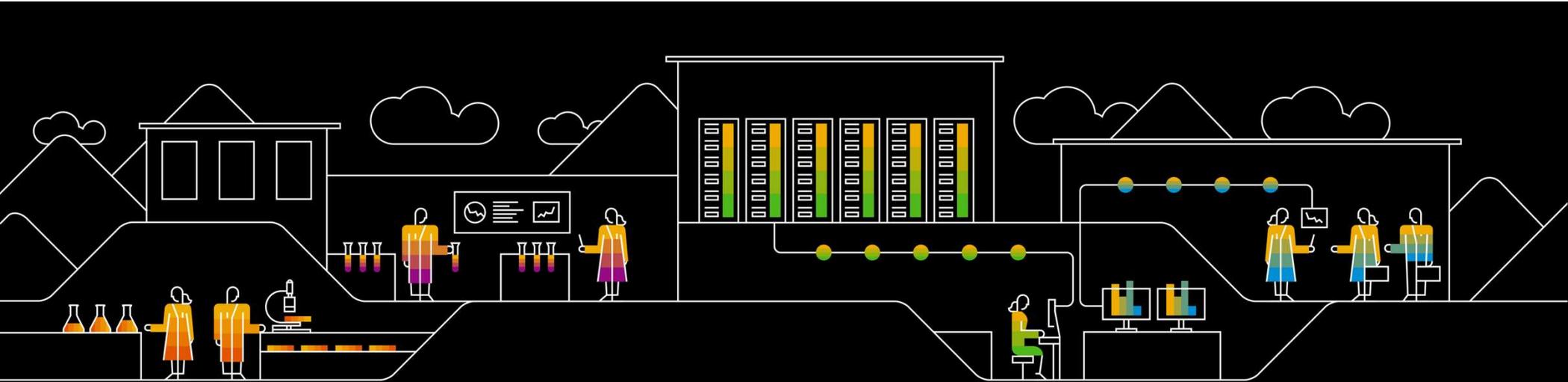
Parameter

By design, if customer administrators access this capability in a production site they will have read only access and will not be able to make changes directly in production sites. Need to follow the workflow from test realm to develop, test, and deploy the parameter change to the associated production site.

Below documentation have full details of parameter:

<https://help.sap.com/docs/buying-invoicing/intelligent-configuration-manager-parameters-reference/intelligent-configuration-manager-parameters-reference>

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ICM Language & Branding Settings

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Updating Language Settings for the Site

- When the site is assigned, the default language for the site is set and this field is non-editable after it's initially set.
- Users can set the preferred locale in their user profile which maps to a language that is enabled in their site.
- The user sees translations in the language that maps to that locale.
- If a user's preferred locale maps to a language that is not enabled at the site, the user sees translations in the site's default language.

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Branding Settings

Branding is the process of customizing the look of a site to match the corporate identity. The visual design enforces stricter controls on image type and size, as well as offering you a choice of different themes.

➤ Light Theme



➤ Blue Theme



- Replace the default SAP logo image that appears in the header banner with your company's custom logo image. After you update company logo images, follow the same workflow to test, approve, and deploy packages to your production site.
- For the suite integrated and parent-child sites, update the logo images in each site separately.

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Reference Documentation / Support Articles



Raising Case to Core Platform

[KB0667222 - What "Component" should I choose while creating cases to Ariba Core Platform?](#)

ICM official guide

<https://help.sap.com/docs/buying-invoicing/intelligent-configuration-manager-parameters-reference/intelligent-configuration-manager-parameters-reference>

Ability to manage site parameters with Intelligent Configuration Manager

<https://support.ariba.com/item/view/185733>

Data Purging Capabilities in Intelligent Configuration Manager

<https://help.sap.com/docs/strategic-sourcing/intelligent-configuration-manager-administration/data-purge-capabilities-in-sap-ariba-solutions?locale=en-US&q=intelligent%20configuration%20manager>

Audit Information in Intelligent Configuration Manager

https://help.sap.com/docs/ARIBA_SOURCING/6a27fe00d026420283fa8185e78d305c/7a5ccce90b57403dbf1c9538ad57f39b.html?locale=en-US

Reference Documentation / Support Articles



Common Cases:

Not able to see Sourcing/Contracts Tab in ICM

<https://support.ariba.com/item/view/KB0408984>

Buying and Invoicing Parameters via ICM

<https://support.ariba.com/item/view/KB0402316>

Sourcing Parameters via ICM

<https://support.ariba.com/item/view/KB0402615>

Generate an RSA public/private key pair for audit reports

<https://support.ariba.com/item/view/KB0636472>

Number of each field type available for customization in ICM

<https://support.ariba.com/item/view/KB0406723>

Q&A

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