



Unified Failover Management Application for SAP Cloud Integration Tenant



— Problem Statement

- SAP Cloud Integration, while a powerful tool, can be vulnerable to disruptions caused by regional outages, maintenance windows, and unexpected errors. Traditional approaches to ensuring high availability and disaster recovery often involve manual processes, which are time-consuming, error-prone, and can lead to significant downtime.

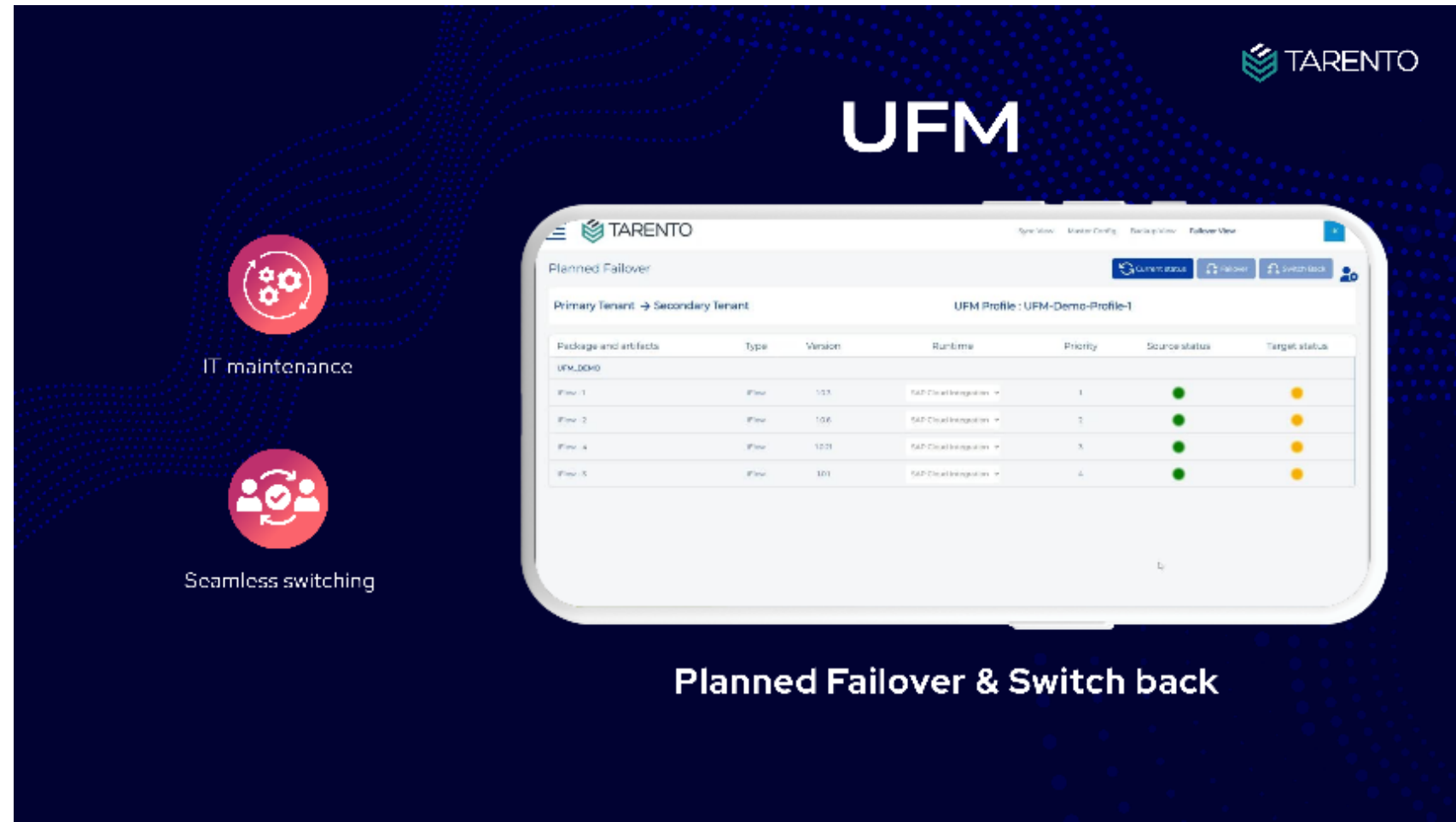
— Key Features and Benefits of UFM

UFM is a robust and intelligent solution designed to safeguard your SAP Cloud Integration environments from disruptions caused by regional failures, maintenance windows, and unexpected errors.

By automating failover processes, synchronizing critical artifacts, and implementing robust security measures, UFM ensures business continuity and minimizes downtime.

Key Features and Benefits of UFM

- **Seamless Cross-Region Failover:** Ensure business continuity by automating failover processes across regions.



The image displays the Tarento UFM (Unified Failover Management) interface. On the left, two red circular icons represent 'IT maintenance' (gears) and 'Seamless switching' (people with arrows). The main area shows a 'Planned Failover' screen with a table of configurations. The table has columns for Package and artifacts, Type, Version, Runtime, Priority, Source status, and Target status. The data rows show five different flows, all with a source status of green and a target status of yellow.

UFM

TARENTO

Planned Failover

Primary Tenant → Secondary Tenant

UFM Profile : UFM-Demo-Profile-1

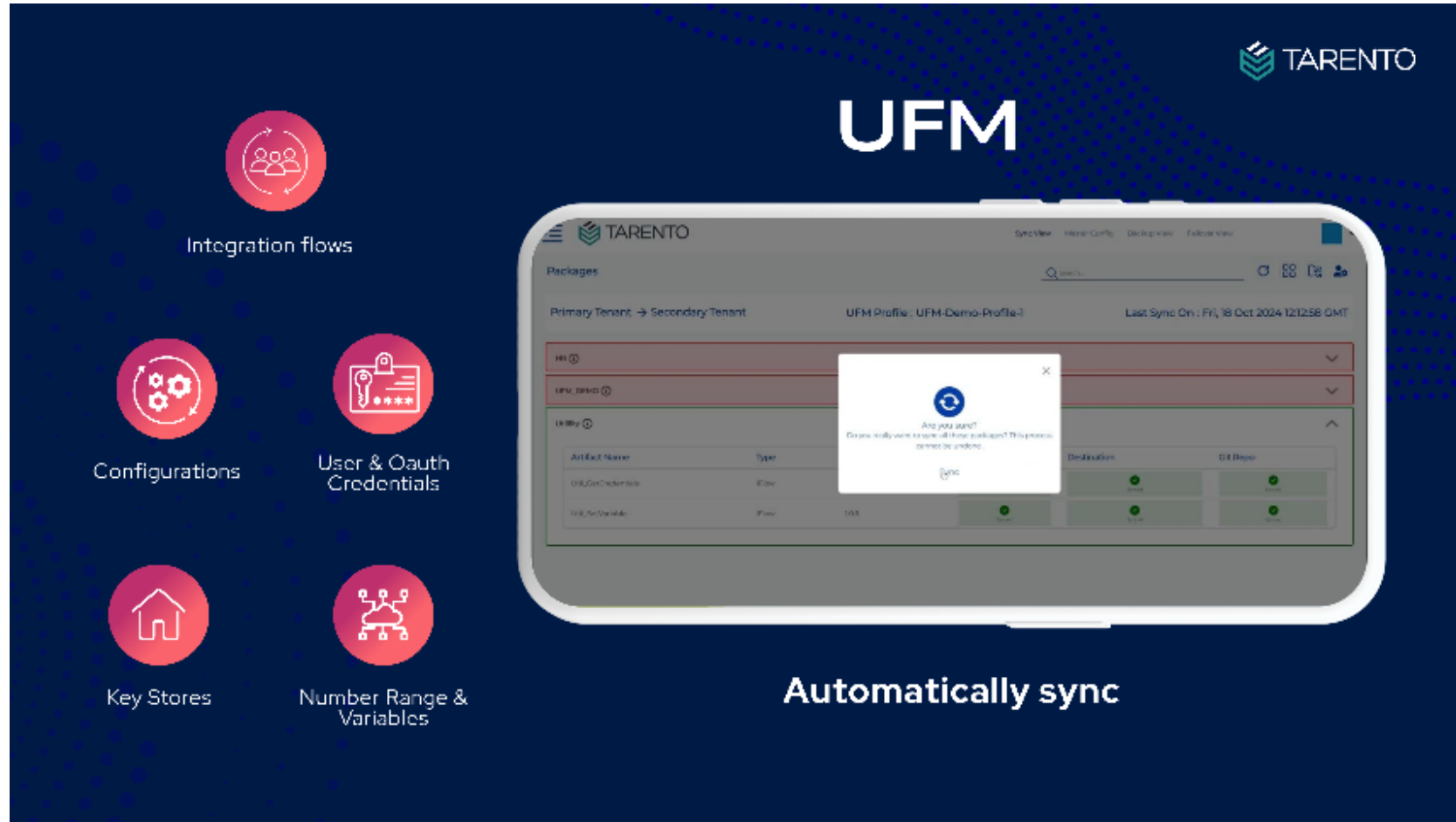
Package and artifacts	Type	Version	Runtime	Priority	Source status	Target status
UFM_DEMO						
Flow-1	Flow	101	SAP Cloud Integration	1	●	●
Flow-2	Flow	106	SAP Cloud Integration	2	●	●
Flow-4	Flow	103	SAP Cloud Integration	3	●	●
Flow-5	Flow	101	SAP Cloud Integration	4	●	●

Planned Failover & Switch back

Key Features and Benefits of UFM

- **Automated Artifact Synchronization:** Keep your integration flows, configurations, and other artifacts consistent across multiple tenants.

- Package , Integration Flow
- Mapping, Script
- Archive, Schema
- Integration Flow Configuration, Value Mapping
- Security artifacts & credentials
- Number Range Object sync b/w tenant
- Deployment, Release to production through landscape with workflow approval steps & Failover process planning (Delta)
- Reverse Synchronization (Delta)



The image displays the Tarento UFM (Unified Flow Management) interface. At the top right, the Tarento logo is visible. The main heading is "UFM". Below this, there are five circular icons representing different features: "Integration flows" (two people), "Configurations" (gears), "User & Oauth Credentials" (key and lock), "Key Stores" (house), and "Number Range & Variables" (network diagram). The central part of the image shows a screenshot of the UFM web application. The interface includes a search bar, a table of artifacts, and a modal dialog box asking "Are you sure?" with a "Sync" button. The table has columns for "Artifact Name", "Type", "Destination", and "UI Role".

Artifact Name	Type	Destination	UI Role
UFI_GetCredentials	Flow		
UFI_Scriptable	Flow		

Automatically sync

Key Features and Benefits of UFM

- **Robust Backup and Recovery:** Protect your critical integration assets with advanced backup and restore capabilities.
- **Enhanced Security and Compliance:** Securely store and manage your integration artifacts with Git-based backup.

The screenshot displays the UFM interface with the following components:

- Integration flows** (top center icon)
- Configurations** (middle left icon)
- User & OAuth Credentials** (middle right icon)
- Key Stores** (bottom left icon)
- Number Range & Variables** (bottom right icon)

The **Automatic Backup & Recovery** section shows a table of artifacts:

Artifact Name	Type	Version	Secret	Git Repo
HS_ECC_A0_Authorization_0_The_US_SecretsUsers_MSSQL	Flow	101	✔	✔
HS_ECC_A0_Authorization_0_The_US_SecretsUsers_MSSQL	Flow	101	✔	✔
HS_MSSQL_Authorization_0_The_US_SecretsUsers_ECC_A0	Flow	101	✔	✔
HS_ECC_A0_New_Tenant_0_The_US_SecretsUsers	Flow	102	✔	✔
HS_ECC_A0_Authorization_0_The_US_SecretsUsers_MSSQL	Flow	101	✔	✔
HS_A0_0_The_US_SecretsUsers_Simple_ECC_A0	Flow	102	✔	✔
HS_ECC_A0_Authorization_0_The_US_SecretsUsers	Flow	101	✔	✔

Key Features and Benefits of UFM

- User-Friendly Interface:** Easily manage and monitor your failover configurations and sync processes.

IT maintenance

Seamless switching

UFM

TARENTO

Planned Failover

Primary Tenant → Secondary Tenant UFM Profile : UFM-Demo-Profile-1

Package and artifacts	Type	Version	Runtime	Priority	Source status	Target status
UFM_DEMO						
iflow-1	iflow	103	SAP Cloud Integration >	1	●	●
iflow-2	iflow	106	SAP Cloud Integration >	2	●	●
iflow-4	iflow	101	SAP Cloud Integration >	3	●	●
iflow-5	iflow	101	SAP Cloud Integration >	4	●	●

Planned Failover & Switch back

— Unique Selling Proposition (USP)

UFM offers a comprehensive solution for managing and securing SAP Cloud Integration environments, providing a robust failover and recovery strategy to minimize downtime and ensure business continuity.

- **Reliability:** Protect your SAP Cloud Integration environment from outages and downtime.
- **Efficiency:** Automate tasks and streamline your operations.
- **Security:** Securely store and manage your integration artifacts.
- **Flexibility:** Customize your failover strategy to meet your specific needs.

Roadmap

- * Trading Partner
- * Custom Type Systems,
- * MIGS/MAGS
- * Roles Collections
- * Destinations
- * Security Keys (PGP)
- * API Management (Delta)



Thank you!

For further information, contact us at
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