

White Paper:

Integrate, Automate & Secure:

Connect Identities Seamlessly Across
Every System with Fálaina Universal
Connector (UCF) Framework



Introduction

In today's rapidly evolving digital landscape, enterprises are navigating increasingly complex IT environments that span across diverse applications, infrastructures, cloud platforms, security frameworks, and user ecosystems. Modern organisations are no longer confined to centralised systems; instead, they operate across hybrid and multi-cloud architectures, manage thousands of devices, and interact with a vast network of external partners, vendors, and third-party applications.

With this complexity comes significant Identity and Access Management (IAM) challenges. The need for seamless identity integration, continuous access governance, and consistent security enforcement is paramount. However, most enterprises struggle with:

Siloed Identity Systems: Disparate platforms operating in isolation, resulting in fragmented identity data and inconsistent policy enforcement.

- **Legacy Systems Compatibility:** Difficulty integrating modern IAM solutions with older, legacy applications and infrastructures.
- **Multi-Cloud Complexities:** Managing identity security and access governance consistently across AWS, Azure, Google Cloud, and private cloud environments.
- **Manual Identity Processes:** Labor-intensive provisioning, de-provisioning, and certification workflows that increase operational risk and inefficiency.
- **Compliance Pressures:** Growing regulatory demands requiring automated access audits, detailed reporting, and continuous policy enforcement.
- **Security Risks:** Increased exposure to insider threats, orphan accounts, and credential misuse due to fragmented identity governance.

Integrate, Automate & Secure with Fálaina

To overcome these challenges, organisations need an intelligent, scalable, and flexible identity integration solution. This is where Fálaina's Universal Connector Framework (UCF) comes into play, offering a comprehensive approach to simplify integration, automate identity processes, and secure identities across every touchpoint.

Fálaina offers over 70+ pre-built connectors that enable seamless integration with:

- **Applications:** ERP systems, CRM platforms, HRM tools, and other business-critical software.
- **Infrastructure Systems:** Databases, directories, and networked devices across hybrid architectures.
- **Cloud Platforms:** Leading providers like AWS, Azure, Google Cloud, and more.
- **Security Platforms:** SIEM, SOAR, PAM, and Zero Trust security systems.

Additionally, Fálaina's UCF supports multiple integration options to ensure flexibility and scalability:

- **API (REST, SOAP, SCIM):** For secure and real-time integration with modern applications and platforms.
- **Database Connectors:** For direct data synchronisation with SQL, Oracle, MongoDB, and other data infrastructures.
- **CSH (Command Shell) & CLI (Command Line Interface):** For automated integration with systems using command-line operations and scripting environments.
- **SSH (Secure Shell):** For secure, encrypted remote access and command execution, enabling automated tasks and secure data transfer across remote servers.
- **LDAP:** For seamless synchronisation with directory services like Ms. Active Directory, Open Source Directory and SaaS based Directories.
- **Flat-File Connectors:** For integration with legacy or custom-built systems through standard file formats like CSV and XML.

These integrations are code-free and dynamically executed through a "wizard-driven" user interface.

Fálaina's approach ensures enterprises can integrate, automate, and secure identities effortlessly, addressing the challenges of today's dynamic IT environments while enhancing security, streamlining operations, and ensuring continuous compliance.



UCF Integration Process Framework

1. **Target System Configuration:** Define connection protocols, configure credentials, and establish system-specific parameters for seamless integration.
2. **Endpoint Object Setup:** Identify permission objects and configure mappings within the target systems for consistent access governance.
3. **Attribute Mapping:** Align user attributes, roles, and access permissions from target systems with Fálaina's unified identity schema.
4. **Operation Discovery and Process Mapping:** Establish event-driven processes to discover and synchronise identity attributes in real-time.
5. **Reconciliation Configuration:** Automate reconciliation jobs to ensure continuous identity synchronisation and eliminate orphan accounts.
6. **Provisioning Process:** Define processes for automated onboarding, access changes, and off-boarding to ensure lifecycle management efficiency.
7. **Continuous Monitoring and Reporting:** Enable robust auditing and monitoring processes for continuous compliance and security visibility.

Integration Benefits with Fálaina UCF

- **Rapid and Scalable Integration:** Leverage over 70+ pre-built connectors to integrate seamlessly across diverse platforms, reducing deployment timelines.
- **Real-Time Synchronisation:** Ensure up-to-date identity data across systems with scheduled and real-time reconciliation.
- **N-Level Entitlement Hierarchy:** Enable fine-grained access control by defining multi-level entitlement structures, ensuring precise role-based access, and facilitating efficient delegation and approval workflows across complex organisational structures.
- **Simplified Compliance:** Automate compliance processes, including audit reporting and access reviews.
- **Reduced Complexity:** Eliminate complex custom integration efforts with low-code, configurable connectors.
- **Enhanced Security Posture:** Identify and remediate identity gaps, enforce consistent security policies, and detect anomalies in real-time.
- **Cost Efficiency:** Minimise development costs while optimising operational workflows with scalable integration capabilities.

Key Integration Scenarios

1. **Enterprise Applications:** Automate identity provisioning and lifecycle management across ERP, CRM, and HRM platforms.
2. **Cloud Platforms:** Enforce consistent identity governance and security policies across multi-cloud environments like AWS, Azure, and Google Cloud.
3. **On-Premises Infrastructure:** Integrate with critical infrastructure components, including databases, directories, and legacy systems.
4. **IoT Devices and Edge Systems:** Extend identity and access controls to connected devices, ensuring secure and compliant operations.
5. **Custom & Homegrown Applications:** Simplify integrations with non-standard systems using flat-file and API-based connectors.
6. **Partner & External Systems:** Enable secure access and governance for external stakeholders, ensuring risk-based control and compliance.

Security and Compliance Excellence

Fálaina's UCF ensures enterprises can:

- **Detect and Remediate Orphan Accounts:** Identify and suspend inactive accounts automatically.
- **Perform Delta Discovery:** Continuously synchronise new or modified identities.
- **Ensure Continuous Compliance:** Automate audit reporting and access certifications.
- **Streamline Workflows:** Automate lifecycle provisioning and access governance workflows.
- **Enforce Risk-Based Policies:** Apply context-aware security policies dynamically to mitigate access risks.

Why Choose Fálaina UCF?

- **70+ Pre-Built Connectors:** Quick integration with industry-standard platforms.
- **Low-Code, Configurable Framework:** Reduces reliance on complex custom development.
- **Enterprise-Grade Security:** Ensures encrypted data exchanges and secure access.
- **Scalable and Flexible:** Accommodates diverse enterprise requirements and evolving architectures.
- **Accelerated Time-to-Value:** Facilitates rapid integration with minimal disruption.

Conclusion

Identity integration doesn't have to be complex. With Fálaina's Universal Connector Framework (UCF), you gain a smarter, simpler, and more secure way to connect, automate, and govern identities across your entire ecosystem. Whether you're integrating enterprise applications, connecting cloud platforms, or securing on-premises infrastructure, Fálaina's UCF is designed to meet the demands of today's dynamic IT environments.

Ready to Simplify Your Identity Integration?

- Visit www.falainacloud.com to learn more.
- Email us at sales@falainacloud.com to schedule a demo or talk to our team.

Let's transform identity integration into your organisation's strongest advantage.



About Fálaina

Fálaina is at the forefront of cybersecurity innovation, delivering Converged Identity and Access Management (IAM) solutions that empower organisations to protect and optimise their digital ecosystems with unparalleled precision, scalability, and efficiency. Purpose-built to tackle the complexities of modern cybersecurity, Fálaina's unified platform integrates powerful capabilities, including Identity Governance and Administration (IGA), Privileged Access Management (PAM), Data Access Governance (DAG), Access Management (AM), and Zero Trust Architecture.

With Fálaina, identity security becomes the foundation of progress, helping businesses navigate the future with confidence, resilience, and agility.