

Omada Configurable Connectivity Framework Overview



Identity Security Challenges

Today's modern businesses are more complex than ever, with distributed workforces, hybrid and multi-cloud architectures, and numerous tools to enable workers to remain productive. Digital transformations are no longer just a buzz word; they are in full swing, with nearly every organization having significant portions of their business run on, or in, public or private clouds.

According to research by Blissfully*, enterprises have, on average, 288 different SaaS applications in usage across their business, which does not even consider the number of on-premises applications that exist. As such, security teams are looking for ways to ensure that as employees, contractors and customers require access to these applications, they have the right level of access at the right time. This requires connectivity from security, audit, and compliance tools to these applications.

Maintaining Connectivity

Typically, connectivity between two IT systems will require custom code development. Further, for some legacy on-premises IT systems, intimate knowledge of both systems and proprietary code is required and needs to be continually maintained and extended in-line with new business requirements.

Making matters more complicated, connectivity is no longer a one-time event, but a continuous effort as new SaaS solutions are commissioned and de-commissioned every year, and existing applications are constantly being adjusted to fit business needs. The bottom line is that even after connections are established, understanding how the system is actually being used, and mapping it to the backend data model is required, and while it may seem that 'plug and play' is doable with connectors, it often requires much more.

Without being aware of these challenges, additional costs and risks are introduced, as the organization becomes dependent on those who implement and maintain the proprietary connector to be the single source of failure, which is not scalable or secure.

288

The number of SaaS applications in the average enterprise

82%

Of large organizations that have adopted a hybrid cloud infrastructure**

Flexible and Futureproof Identity Governance

The challenges of modern businesses require a modern Identity Governance & Administration (IGA) connectivity approach designed to support fast and reliable integrations with applications of all kinds and deployment models. To fully embrace the opportunities that business applications provide, IGA solutions need to be flexible and adaptable in supporting increasingly hybrid and dynamic IT environments. Configurable connectivity provides a dynamic and flexible alternative to traditional IGA connectivity approaches that rely heavily on code development and static connectors (which, while valuable are not the end-all be-all), and can be challenging to develop, scale, and maintain.

Omada Configurable Connectivity Framework

To address this growing need, Omada, the leader in modern IGA, has developed a configurable connectivity approach, enabling a fast and reliable way to configure connectivity rather than using code development. As part of Omada's

history of successful customer engagements, we have created connectivity to, and integrations with over 400 applications, of which we have standardized many of these to be connectors out-of-the-box.

The Omada approach is based on two primary elements:

1. A modern IGA architecture that supports configurable, template-driven connectivity.
2. Proven track record in establishing connectivity to many of the most commonly used applications.

IGA SaaS Connectivity Based on Pre-Defined Templates

Omada’s flexible data model helps IGA practitioners to meet ever-changing business demands. For example, if there are new attributes that are assigned to users, roles, or even applications in order to drive the business forward, or whenever new audit and compliance mandates are introduced, connectivity can become very complex very quickly. Omada’s data model is able to adapt to the changing business requirements, purely configuration-based, to make sure that applications stay functional and up to date. Within Omada’s IdentityPROJECT+, customers can see best practice processes that provide a step-by-step guide on how to configure connectivity based on pre-defined templates as well as guidance on how to plan the integration of target systems and onboarding of applications when deploying Omada.

Omada Identity Cloud and Omada Identity are both based on configuration and don’t require programming skills regardless of whether SaaS or on-premises deployment is preferred. What this flexibility provides is the ability to combine multiple attributes entirely or partially to construct values for new attributes that follow your business process rather than just mapping field data. With the Omada Configurable Connectivity Framework, modern businesses can connect to their business applications and ensure that access is properly provisioned, monitored, and kept up-to-date without the hassles of code development.

Connectivity Templates

Omada provides connectivity templates for SCIM, REST, OData, LDAP, PowerShell, .CSV, .NET, SQL, and SOAP. Further, the Omada SDK helps to connect with legacy and proprietary enterprise systems that do not provide an interface based on a well-understood API. We also provide deep integration partnerships with several of the world’s leading organizations. Some of these are listed here:

Microsoft	SAP
Active Directory (AD)	R/3
AD Domain Services	Netweaver Application Server ABAP + JAVA
AD Lightweight (ADLDS)	ERP
Exchange	BI
SQL Server	CRM
Office 365	SRM
Azure AD	PLM
Azure Management Portal	HCM
Cloud Connectors	Gateway
AWS	BPM
Google G Suite	BPC
Salesforce	ECC, ECC on HANA
ServiceNow	S/4 HANA
Workday	GRC
Okta	SuccessFactors
Slack	
Entrust	
Other	
Oracle Database, CyberArk (PAM), IBM Lotus Domino Notes, iSeries, Home Folder, Member Nation, and more!	

Learn more

Visit omadaidentity.com/products/connectivity or contact us at info@omadaidentity.com



Omada, a global market leader in Identity Governance and Administration (IGA), offers a full-featured, enterprise-grade, cloud native IGA solution that enables organizations to achieve compliance, reduce risk, and maximize efficiency. Founded in 2000, Omada delivers innovative identity management to complex hybrid environments based on our proven best practice process framework and deployment approach. Omada has operations in North America and Europe, delivering solutions directly and via a network of skilled partners and system integrators.
www.omadaidentity.com | info@omadaidentity.com