



SAML & SCIM Overview

Introduction

AiVRIC supports **SAML (Security Assertion Markup Language)** and **SCIM (System for Cross-domain Identity Management)** to simplify authentication and user lifecycle management. Together, these integrations enable secure single sign-on (SSO) and automated user provisioning, improving both security and operational efficiency.

SAML Overview

What is SAML?

SAML is an authentication standard that allows users to securely access AiVRIC using credentials managed by an external Identity Provider (IdP), such as Okta, Azure Active Directory, or Google Workspace.

How SAML Works in AiVRIC

- AiVRIC acts as the **Service Provider (SP)**
- The customer's identity platform acts as the **Identity Provider (IdP)**
- Authentication requests are redirected to the IdP
- Once authenticated, users are granted access to AiVRIC without needing separate credentials

Key Benefits

- Single Sign-On (SSO) for users
- Centralized authentication management
- Reduced password-related risks
- Improved user experience

SCIM Overview

What is SCIM?

SCIM is a standard used to automate **user provisioning and deprovisioning** between identity systems and applications.

How SCIM Works in AiVRIC

- User accounts are automatically:
 - Created when users are added to the IdP
 - Updated when user attributes change
 - Deactivated or removed when access is revoked
- Reduces manual user management in AiVRIC

Key Benefits

- Automated user lifecycle management
- Faster onboarding and offboarding
- Reduced administrative overhead
- Improved security posture

SAML & SCIM Together

When used together, SAML and SCIM provide a complete identity management solution:

- **SAML** handles authentication (who can log in)
- **SCIM** manages authorization and user lifecycle (who should have access)

This ensures users have the right access at the right time, with minimal manual intervention.

Supported Identity Providers

AiVRIC supports integration with common identity platforms, including:

- Okta
- Azure Active Directory (Entra ID)
- Google Workspace

- Other SAML- and SCIM-compliant providers

Security & Compliance

- Standards-based integrations
- Secure token exchange
- Audit-friendly access controls
- Supports enterprise security and compliance requirements