# EE-FIM One-Page Introduction

# E-Enterprise Federated Identity Management (EE-FIM)

## Learn about EE-FIM

### Overview

E-Enterprise envisions a seamless and secure network of services and systems to improve two-way business transactions between the regulated community and environmental government regulators. One critical aspect of that vision is an inter-operable system for effectively sharing user identities and credentials across different levels of government. A Federated Identity Management System will establish a trust framework that will allow EPA, states, tribes, and local governments to share identity credentials and allow their customers to use their username and password across applications and participating partner portals. This can include state, tribal, and local government portals reusing EPA-issued credentials, as well as EPA reusing state, tribal, and local government-issued credentials.

### User Basics

From a user perspective, the online experience is such that:

* The user must have a digital identity that they will assume when interacting with E-Enterprise applications and services.
* The user interacts with an application or service (a Relying Party, RP) that requires authentication.
* The user is presented a list of qualified EE-FIM Identity Providers (IdP) to choose from. The user will be redirected to the chosen IdP for authentication.
* The user will be redirected back to the RP with their positive assertion as well as the level of assurance the IdP can provide.

### Implementer Basics

Regulators who wish to use EE-FIM services, as a Relying Party, an Identity Provider, or both, will interact with published REST-based services to interact with EPA's EE-FIM system. Additional information related to application development and governance in order to gain access to EE-FIM can be found at the following:

* [Enterprise Security Bridge Developer Guide](https://alm.cgifederal.com/collaborate/display/EFIM/Enterprise+Security+Bridge+Developer+Guide)
* [REST Service Developer Guide](https://alm.cgifederal.com/collaborate/display/EFIM/REST+Service+Developer+Guide)
* [RP Governance Form](https://alm.cgifederal.com/collaborate/display/EFIM/RP+Governance+Form)
* [IdP Governance Form](https://alm.cgifederal.com/collaborate/display/EFIM/IdP+Governance+Form)
* Current list of approved Relying Parties and Identity Providers

### References

The following additional references have been used to guide the creation of EPA's EE-FIM framework:

* [National Science and Technology Council Identity Management Task Force Report](http://www.biometrics.gov/Documents/IdMReport_22SEP08_Final.pdf)
* [National Institute of Standards and Technology Electronic Authentication Guideline](http://csrc.nist.gov/publications/nistpubs/800-63-1/SP-800-63-1.pdf)