

# S

cyber security

## Simple, Secure Cloud Access

Providing simultaneous secure single sign-on to the cloud and the corporate network

### The Challenge

**With more and more applications moving to the cloud, connecting to them needs to be simple yet secure. Security and control in the corporate environment should not be sacrificed when accessing cloud applications. Login to the corporate environment should result in transparent authentication to the cloud, providing a seamless single sign-on experience, one that incorporates already-existing, appropriate governance and controls without having to 'recode' such controls for each cloud application that is added.**

As companies adopt more and more web applications there are conflicting pressures: One is to provide a seamless user experience by not requiring users to constantly re-enter passwords, one for each application and/or environment. Opposed to this is the need for secure (that is, policy-based, well controlled and auditable) access to both the corporate network and all cloud applications consumed. Ideally these goals would be achieved without having to take on unnecessary expense or development burden.

### Our Solution

The Atos Identity Federation Hub (IFH) achieves these goals. The IFH provides single sign-on (SSO) to both corporate web and cloud applications so that users do not need to remember or re-enter multiple passwords. And the IFH does all this without having to develop and maintain backend governance and authentication systems for each application. It offers automated processes for updating user information and for granting, modifying or revoking access rights both for cloud-based and corporate applications.

The latest security models for web access management are combined with those controlling corporate access. Authentication, authorization, audit and web SSO are provided by the Atos Identity Federation Hub. This enables the consistent enforcement of security policies both within and outside the corporate boundary thanks to external, central, policy-based authentication and authorization services. Compliance with international and internal regulations is achieved via audit and report functions.

The service utilizes Identity Federation protocols to extend SSO to web based applications and to multiple cloud environments in a secure way. The IFH also provides full Identity Management support for cloud applications that have their own local accounts. This is done by providing Identity Provisioning and de-provisioning to these cloud environments.

The IFH is offered as a private or public cloud service with a 'pay per use' delivery model.

---

**For Simple, Secure Cloud Access  
call on your Business Technologist**

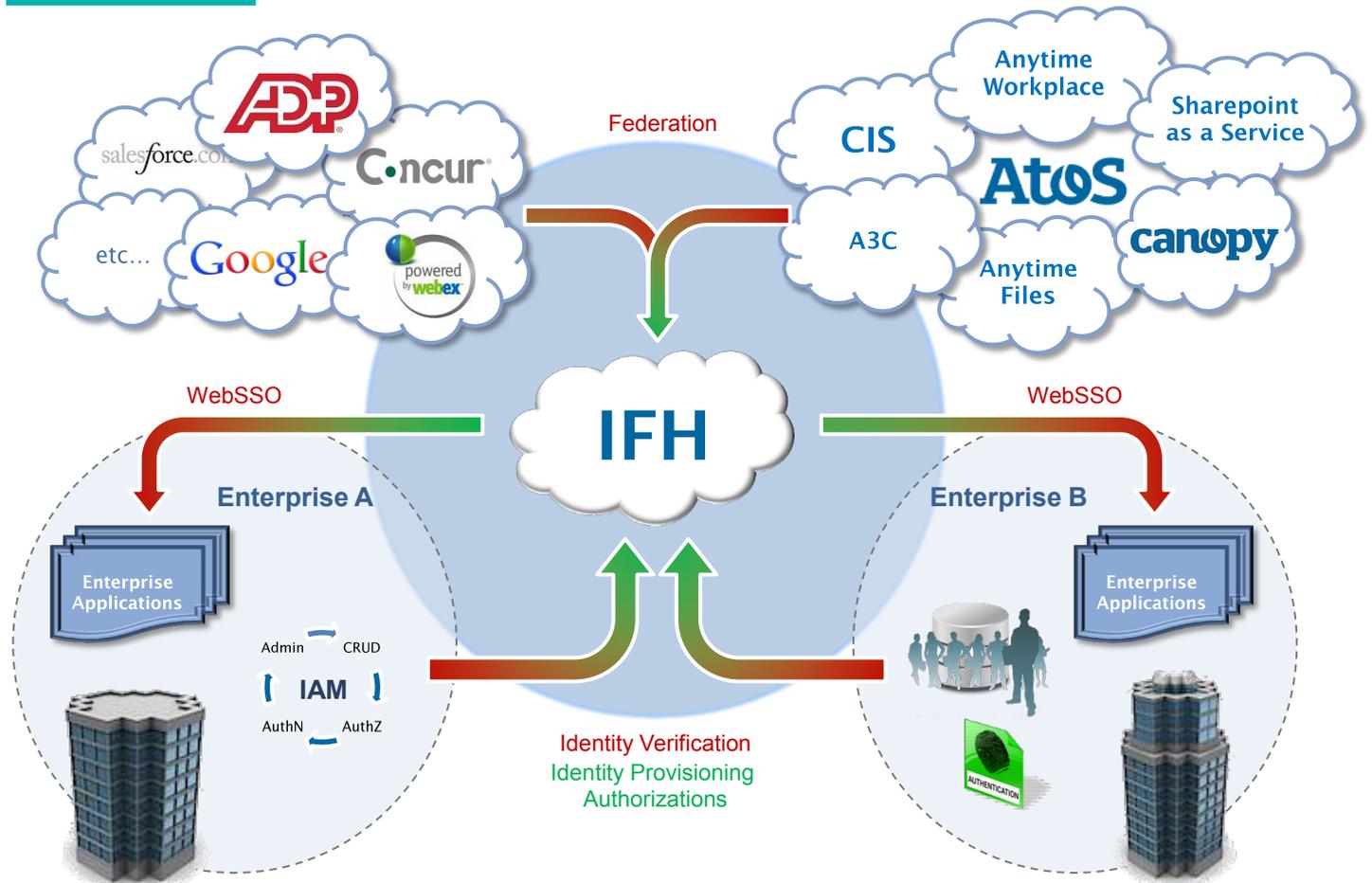
## Your benefits

- ▶ Centralized authentication and single sign-on in a hybrid cloud environment enabling secure and convenient access to corporate web applications and cloud based resources, with 'once-only' authentication
- ▶ Only one connection is required from the enterprise to the IFH, enabling rapid and flexible adoption of new cloud services
- ▶ Reduce total cost of ownership by centralizing governance and control, and reducing service desk assistance
- ▶ Eliminate CAPEX through the 'pay per use' commercial model
- ▶ Improve total end-user satisfaction via single sign-on to multiple hybrid environments
- ▶ Centralized, policy-based authorization for both cloud and corporate web applications. This provides consistent enforcement of security policies across all cloud applications in addition to those that exist within the corporate boundary
- ▶ Audit and reporting are improved, and support conformance with internal and legal requirements for information security and compliance
- ▶ Improved and simplified user management across a hybrid environment.

# Harmonize security

and control across the corporate boundary and into hybrid cloud environments.

## How it Works



The Identity Federation Hub uses an identity management backbone to provision federated credentials and access rights to end-users for hybrid cloud and corporate environments.

For more information, contact: [security@atos.net](mailto:security@atos.net)

atos.net

Atos, the Atos logo, Atos Consulting, Atos Sphere, Atos Cloud and Atos Worldgrid, Worldline, blueKiwi are registered trademarks of Atos Group.  
May 2014 © 2014 Atos.