



EZMCOM™ EzIdentity™ Authentication Server

Imprivata OneSign Integration Guide

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EZMCOM's technical support specialists can provide assistance when planning and implementing EzIdentity™ in your network. In addition to aiding in the selection of the appropriate authentication products, EZMCOM can suggest deployment procedures that provide a smooth, simple transition from existing access control systems and a satisfying experience for network users. We can also help you leverage your existing network equipment and systems to maximize your return on investment.

EZMCOM works closely with channel partners to offer worldwide Technical Support services. If you purchased this product through an EZMCOM channel partner, please contact your partner directly for support needs.

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Introduction

The guide describes integration of Imprivata OneSign with EZMCOM EzIdentity™ AS.

| | |
|----------------------|---|
| Integrator | EZMCOM |
| Web Site | www.ezmcom.com |
| Product Name | EZMCOM EzIdentity™ Authentication Platform v3.0 (OTP) / Imprivata OneSign Integration |
| Version and Platform | Imprivata OneSign v4.1 Device |
| Product Description | Integration of EZMCOM OTP authentication into Imprivata OneSign |
| Product Category | SSO Device |

| | |
|----------------------------------|-----------------|
| Authentication Methods Supported | OTP |
| Authentication Protocol | RADIUS standard |
| Client Integration – OTP | YES |
| EZIDENTITY Server Version | v3.x.x |

1.1 Overview

The Imprivata OneSign is a secure, single point-of-access device. Imprivata OneSign offers OneSign Authentication Management, OneSign Physical/logica and OneSign Single Sign-On.

OneSign Authentication Management augments Windows desktop and remote access VPN passwords with a broad range of strong authentication options. OneSign allows you to mix and match various authentication modalities to provide greater security through flexible user authentication management, whether accessed through the network locally, via remote VPN, or while working offline.

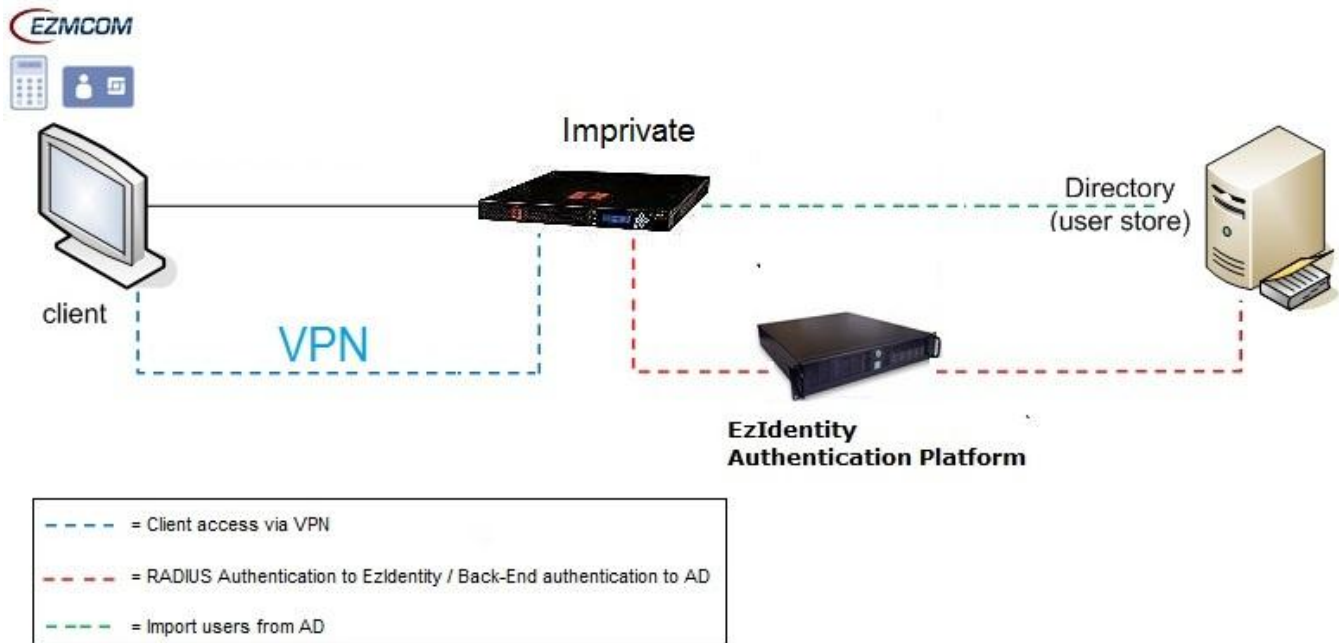
OneSign Physical/logical integrates network and building access systems to provide a single consolidated user identity. Organizations can now implement one comprehensive, converged policy for allowing or denying network access based on a user's physical location, role, and/or employee status – including instant lockout to the network based on revocation of the user's building access badge upon separation from the organization.

OneSign Single Sign-On quickly and effectively solves password management, security and user access issues. OneSign single sign-on enables all enterprise applications legacy, client/server, Windows®, Java, and Web without requiring any custom scripting, modifications to existing directories, or inconvenient end-user workflow changes.

EZMCOM's EzIdentity Authentication Platform integration into Imprivata OneSign provides the ability for end-users to perform 2-factor authentication into an Imprivata OneSign device using EZMCOM OTP tokens.



Figure 1.1 Imprivata OneSign with EzIdentity AS



2.0 Configure Imprivata to use EzIdentity AS

2.1 EzIdentity AS RADIUS Authentication

OneSign includes a third-party RADIUS device access. OneSign acts as a single point of administration for remote user authentication.

User authenticate to the network via ID tokens managed by EzIdentity AS. In this case, OneSign is configured to be a RADIUS client, or proxy, to the EzIdentity AS RADIUS server. OneSign can also return extended RADIUS attributes used for group assignments.

Figure 1.2 setting two factor authentication policy.

The screenshot shows the Imprivata OneSign administration console. At the top, there is a navigation bar with tabs for Home, Properties, Policies, Users, Reports, Tokens, SSO, and Physical Access, along with a help icon and a LOG OUT button. The main content area is titled "Edit High-Security Users" and includes a "Find Applied Users" button. Below this, there are fields for "Specify a Name" (set to "High-Security Users"), "Is it the default policy?" (set to "No"), and "Let all administrators apply this policy?" (unchecked). A tabbed interface below shows "Authentication" selected, with other tabs for Challenges, Password Self-Services, and Network Access. A descriptive text states: "Choose as many Primary and Secondary authentication methods as apply for this policy. Users will be able to use any of the configured methods or method-combinations on log in, during challenges, or when unlocking a workstation." The configuration is divided into "Local Network Authentication Method" and "Remote Network Authentication Method". Under "Local Network Authentication Method", there are sections for "Primary" and "Secondary" authentication. The "Primary" section includes: Password (checked), Digipass token (unchecked, with "Options..." link), ID token (checked), and Fingerprint (unchecked, with "Options..." link). The "Secondary" section includes: None (selected), Password (unchecked), and OneSign PIN (unchecked). Below this, there are checkboxes for Proximity Card (unchecked, with "Options..." link) and its "Secondary" options: Fingerprint (unchecked) and Password or OneSign PIN (unchecked). Further down are checkboxes for Smart Card/USB Token (Active Directory certificate) and Smart Card (External certificate), both unchecked. An "Emergency Access" section is checked, with the option "Answer security questions if none of the above authentication options can be satisfied" (with "Options..." link). The "Remote Network Authentication Method" section includes checkboxes for Password (checked), Digipass token (unchecked, with "Options..." link), and ID Token (checked).

2.2 Connection to EzIdentity AS as External Token Server

OneSign supports ID token authentication with external authentication tokens. EZMCOM tokens require a connection from OneSign to an EZMCOM EzIdentity AS as an ID token server.

At the bottom of the Site Record (reachable from the Properties page, Sites tab), you can specify the host name of an EZMCOM EzIdentity AS as an ID token server.

Figure 1.2 Configure EzIdentity AS server as an ID token server

External Servers

➤ ID Token Server Remove

Host Name

Port

Encryption Key

➤ User Directory Server

Please specify the host name of the domain controller for each OneSign domain at this site.

| Domains | User Directory Server | |
|--|-----------------------|------------------------------|
| <input checked="" type="checkbox"/> ezidentity.local | <input type="text"/> | Test Connection |
| <input checked="" type="checkbox"/> ezidentity.org | <input type="text"/> | Test Connection |

➤ Physical Access Connectors

Honeywell_PAC Testing, Tyco 9.0, LENEL-SQL, Bell Labs Universal Connector, S2-PAC Testing

Cancel Save

3.0 Imprivata test

LAN Logon

3.1 Response Only

Once the Imprivata software is installed on the client machine, you will see an extra option field in the logon screen of the client.

The **Username** and **Domain** remain unchanged and have to be filled in like before. Only if you select the **ID Token** option in the OneSign Logon field, the password field will change to **Passcode**. Here you have to fill in a One Time Password (OTP) generated by the EzIdentity AS assigned to your username.

Figure 1.3 LAN Logon



You will be granted access to your client when the OTP is validated on the Imprivata appliance.

4.0 Feedback

EZMCOM welcomes your comments and suggestions about this manual and other documentation included with this product. Your input is an important part of the information used for future revisions. If you find errors or have general suggestions for improvement, please indicate the document, chapter, section, and page number. Please send your comments and suggestions to:

support@ezmcom.com

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