

# EveryonePrint Integration with SafeCom

## Configuration Guide

- 1. Overview ..... 3
  - 1.1 Added features with SafeCom integration ..... 3
  - 1.2 Prerequisites and Requirements ..... 3
- 2. How to enable SafeCom integration in EveryonePrint ..... 4
- 3. Configuring SafeCom features in EveryonePrint ..... 5
  - 3.1 SafeCom Authentication ..... 5
    - 3.1.1 Automatically create accounts for email print ..... 6
    - 3.1.2 SafeCom Guest User self-sign up via the Web ..... 7
  - 3.2 Display SafeCom user balances in user portal ..... 8
- 4. Troubleshooting tips ..... 8
  - 4.1 Create a test accounts using Web form ..... 8

# 1. Overview

EveryonePrint supports advanced integration with the SafeCom print accounting and print management solution.

## 1.1 Added features with SafeCom integration

When SafeCom integration is enabled in EveryonePrint, the following additional features are available:

1. Authenticate internal users in SafeCom
  - a. In addition to authenticating users against LDAP servers, authenticate internal users in SafeCom
2. Create guest users from within the EveryonePrint Web interface
  - a. Users can either select their own username and password, or EveryonePrint can create a unique numeric username and password for them
  - b. User accounts are created in SafeCom
  - c. Users email address set in SafeCom
  - d. Login credentials optionally emailed to user
3. Automatically create guest user when user sends email print job or Google Cloud Print job
  - a. EveryonePrint creates a unique numeric username and password for the guest
  - b. User accounts are created as internal SafeCom users
  - c. Users email address set in SafeCom
  - d. Login credentials emailed to user
4. Show users SafeCom balance in the EveryonePrint Web interface

## 1.2 Prerequisites and Requirements

EveryonePrint must be minimum version 3.5.

The SafeCom integration requires minimum SafeCom G4 Server Software version S82 070.500\*01.

The SafeCom Server that you wish to connect to from EveryonePrint, must have a license key code for the SafeCom API.

EveryonePrint can be installed either on the SafeCom server or on its own server. Most often EveryonePrint is installed on its own server, separate from the SafeCom solution.

On the EveryonePrint server the *Microsoft Visual C++ 2008 Redistributable Package (x86)* must be installed. Download from <http://www.microsoft.com/en-us/download/details.aspx?id=29>

## 2. How to enable SafeCom integration in EveryonePrint

To enable the SafeCom specific features in EveryonePrint, follow the steps below.

1. From Windows services, stop the **EveryonePrint Web Service**
2. In the root directory of the EveryonePrint installation, open the file **eop.xml** in a text editor such as Notepad
3. Find the entry `<edition>` and change this to

```
<edition>waccount</edition>
```

4. Find entry `<editionacct>` and change this to

```
<editionacct>safecom</editionacct>
```

It should look like below:

```
<mailallowseitred>true</mailallowseitred><mailrestrictdomainlist/><maillookupidap  
'por'><edition>waccount</edition><editionacct>safecom</editionacct><mailser  
size>5</mailmanagedeletesize><hrintdefaultduplex>1</hrintdefaultduplex><hrintde
```

5. Save the eop.xml file
6. Start the EveryonePrint Web Service

Now the EveryonePrint Admin interface, will show SafeCom specific configuration features.

## 3. Configuring SafeCom features in EveryonePrint

The following section covers the configuration screens in EveryonePrint Admin.

### 3.1 SafeCom Authentication

EveryonePrint supports authenticating internal SafeCom users.

**Authentication via SafeCom** – Users enter username and password which is authenticated against SafeCom.

SafeCom Server IP/hostname:

SafeCom Administrator Username:

SafeCom Administrator Password:

You can test the SafeCom connection by entering a login for a user below.

Test username:

Test password:

Specify the IP/DNS to the SafeCom server and credentials of an administrative user in the SafeCom server.

Verify the authentication to SafeCom using a username or password of a test user created in SafeCom.

If test authentication fails, an error message will be shown, and error details written to the EveryonePrint log files.

Enable both SafeCom authentication and LDAP authentication, to authenticate users both internally in SafeCom (guests) and users in Active Directory/LDAP (eg. staff/employees/students).

### 3.1.1 Automatically create accounts for email print

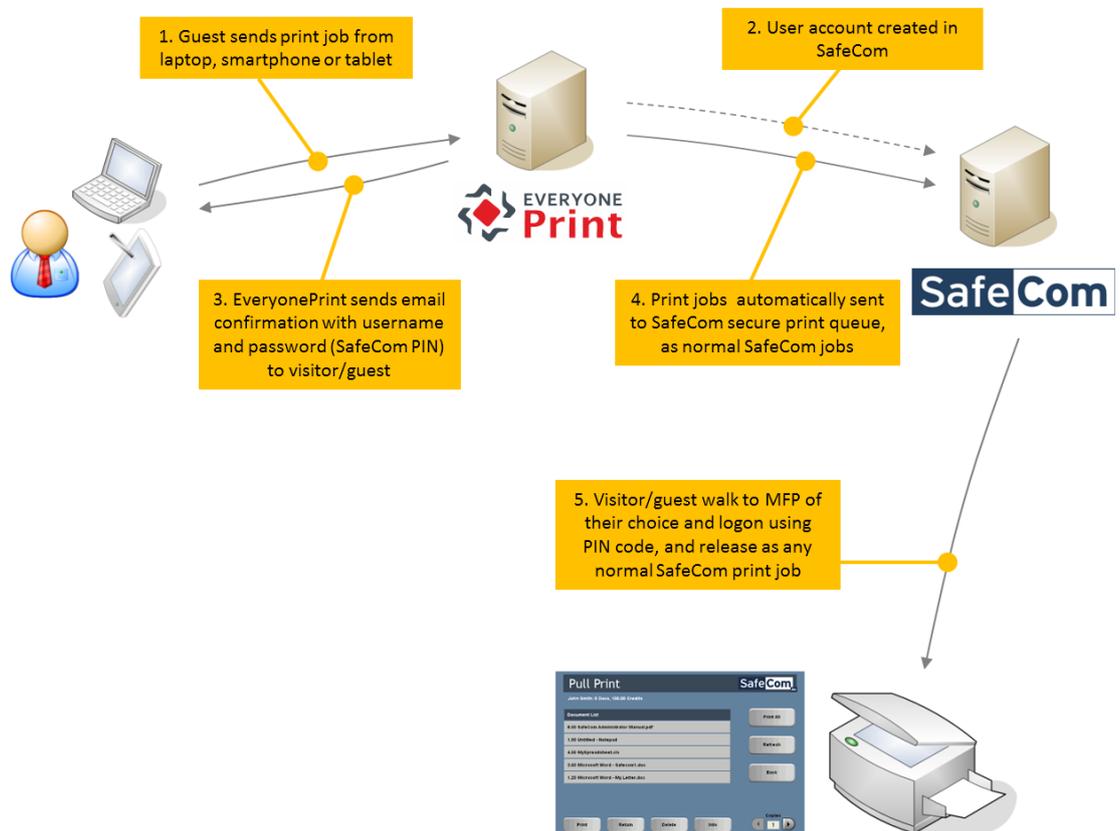
Under Email Authentication, choose how email from unknown senders should be handled, whether unknown senders are guests, and accounts should be created in SafeCom automatically for guests.

**Unknown Senders**  
 Choose how EveryonePrint will handle email from unknown senders.

- Do nothing, email from unknown senders are discarded
- Unknown senders are guests, create guest account in SafeCom and send welcome email with the created username and password
- Allow user self registration

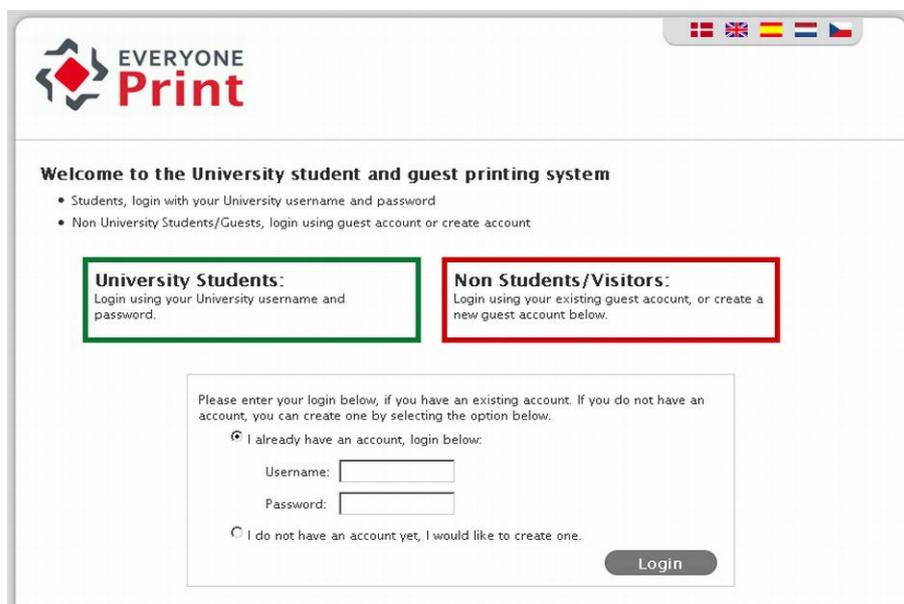
**Important! Outgoing mail settings must be configured for welcome email to be sent successfully.**

In this configuration an account is created in SafeCom for unknown users.



### 3.1.2 SafeCom Guest User self-sign up via the Web

If EveryonePrint is installed in an environment where guests should be able to create guest accounts using a Web interface, enable the SafeCom Guest Users Self-Signup feature.



The screenshot shows the 'EVERYONE Print' web interface. At the top, there are language selection flags (Danish, English, Spanish, French, German). Below the logo, the text reads 'Welcome to the University student and guest printing system'. Two bullet points are listed: 'Students, login with your University username and password' and 'Non University Students/Guests, login using guest account or create account'. There are two highlighted boxes: a green one for 'University Students' and a red one for 'Non Students/Visitors'. Below these is a login form with a 'Login' button. The form includes instructions: 'Please enter your login below, if you have an existing account. If you do not have an account, you can create one by selecting the option below.' It has two radio buttons: 'I already have an account, login below.' (selected) and 'I do not have an account yet, I would like to create one.' There are input fields for 'Username:' and 'Password:'.

Users created via the Web portal are created in the internal SafeCom users database. If an Active Directory exists, both LDAP and SafeCom users can authenticate.

#### SafeCom Guest Users Self-Signup

Enable the guest users feature, to allow any user accessing the EveryonePrint Web interface, to create a user account in SafeCom.

**This feature requires that Authentication via SafeCom has been selected and configured successfully.**

Enable guest user account creation

##### Login Create Method

**Auto**

A numeric username and password is assigned to the user. This option is useful, if release terminals with a numeric keypad are used.

**Manual**

Let users select their own username and password.

##### Optional Settings

Users are required to enter their email address to create an account

Users must re-type their email address, to reduce the chance of email address mistyping

Send a welcome email to the user with the created username and password

**Outgoing mail settings must be configured for welcome email to be sent successfully.**

### 3.2 Display SafeCom user balances in user portal

For customers using SafeCom quotas or balances, it is possible to show the users SafeCom balance in the My Print Jobs page.

#### My Print Jobs

johnsmith current balance: 6,00 €

Upload Document To Print

Supported documents include PDF.

Date/Time	Filename	Pages	Status	<a href="#">refresh</a> 
-----------	----------	-------	--------	---

Control the display of balances from the Web Portal settings page.

#### Show User SafeCom Balances

Choose if a users SafeCom balance should be shown on the My Print Jobs page of the Web portal.

Enable display users balance in Web portal

## 4. Troubleshooting tips

### 4.1 Create a test accounts using Web form

Even if the feature is not needed, it's recommended to test the account creation in SafeCom, using the Web based self-sign-up feature, outlined in section 3.1.2, as errors will appear and be written to log immediately.

Once accounts can be created successfully using the Web form, they can also be created from email.