



**IdotFace Identity Management Application
Installation Guide**

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1 INTRODUCTION

IdotFace Identity Management application consists of two services: *Biometric* and *Communication*, and three applications: *Enrollment WorkStation (EWS)*, *Investigative WorkStation (IWS)* and *Administrative WorkStation (AWS)*.

There are three installations for Windows® XP SP3, Windows® Vista SP2 and Windows® 7 SP1. You will need to run appropriate .cmd file. It will detect if you have already installed some of the system components and install those that you have not. Then it will install biometrics system services and applications. Be aware that this is a 30 day trial version for an installation on a single PC.

All manuals and guides are included in the downloaded package. You can find the in the *Guides* directory.

WARNING! Structure of installation folders must be preserved!

WARNING! If you install newer version over the previous one then you need to run [*uninstall.cmd*](#) script as administrator as a first step.

2 REQUIREMENTS

The recommended system requirements are as follows:

- 1024X768 minimum display resolution;
- Intel® Core 2 Duo® E8500 or AMD® equivalent;
- 2 GB RAM or higher;
- TCP/IPv4 support.

The minimum system requirements:

- 1024X768 minimum display resolution;
- Intel® Pentium® IV 2.8 GHz or AMD® equivalent;
- 512 Mb RAM;
- TCP/IPv4 support.

3 INSTALLATION

Please choose the appropriate instruction for your operation system.

3.1 Windows XP

1. Run *install_xp.cmd*;
2. It will install:
 - 2.1. Visual Studio 2010 redistributable Package;
 - 2.2. .NET Framework 3.5 SP1;
 - 2.3. PowerShell 2.0;
 - 2.4. Windows Installer 4.5;
 - 2.5. SQL Server 2008 R2 Express;
 - 2.6. Create system databases from backup;
 - 2.7. Create SQL Server user and permissions;
 - 2.8. Create ODBC SQL Server alias and permissions;
 - 2.9. Install and pre-configure biometric services;
 - 2.10. Run biometric services;
 - 2.11. Install biometric client applications;
3. **WARNING!** After the installation force reboot is required;
4. **WARNING!** Run *install_xp.cmd* again. Installation will begin from SQL Server 2008 R2 Express;
5. As a result you will have IDOT IWS and IDOT EWS shortcuts on the desktop and EWS, IWS, AWS shortcuts in IDOT folder of *Start->Programs* menu.

3.2 Windows Vista

1. Go to *C:\Windows\System32* directory;
2. **WARNING!** Run *cmd.exe* as administrator;
3. Switch directory to the installation directory (directory with the installation files) using *cd /d* command (for example, *cd /d e:\installations\biometric*)

4. Run *install_vista.cmd*;
5. It will install:
 - 5.1. Visual Studio 2010 redistributable Package;
 - 5.2. .NET Framework 3.5 SP1;
 - 5.3. PowerShell 2.0;
 - 5.4. SQL Server 2008 R2 Express;
 - 5.5. Create system databases from backup;
 - 5.6. Create SQL Server user and permissions;
 - 5.7. Create ODBC SQL Server alias and permissions;
 - 5.8. Install and pre-configure biometric services;
 - 5.9. Run biometric services;
 - 5.10. Install biometric client applications;
6. As a result you will have IDOT IWS and IDOT EWS shortcuts on the desktop and EWS, IWS, AWS shortcuts in IDOT folder of *Start->Programs* menu.

3.3 Windows 7

1. Go to *C:\Windows\System32* directory;
2. **WARNING!** Run *cmd.exe* as administrator;
3. Switch directory to the installation directory (directory with the installation files) using *cd /d* command (for example, *cd /d e:\installations\biometric*)
4. Run *install_win7.cmd*;
5. It will install:
 - 5.1. Visual Studio 2010 redistributable Package;
 - 5.2. SQL Server 2008 R2 Express;
 - 5.3. Create system databases from backup;
 - 5.4. Create SQL Server user and permissions;
 - 5.5. Create ODBC SQL Server alias and permissions;
 - 5.6. Install and pre-configure biometric services;

- 5.7. Run biometric services;
- 5.8. Install biometric client applications;
- 6. As a result you will have IDOT IWS and IDOT EWS shortcuts on the desktop and EWS, IWS, AWS shortcuts in IDOT folder of *Start->Programs* menu.

3.4 Manual installation

In case you meet any issues with self-installation then it is possible to make a manual installation.

Step 1 - These components have to be installed:

- Visual Studio 2010 redistributable Package;
- .NET Framework 3.5 SP1;
- PowerShell 2.0;
- Windows Installer 4.5;
- Microsoft SQL Server 2008 R2 Express.

You can find all needed installations in *\redist* directory. Run manually those that are not installed on your system.

Step 2 - Open Microsoft SQL Management Studio and create user *biometric* with password *1234* and with system administrator privileges.

Step 3 - Open Microsoft SQL Management Studio and create databases from their backups in */db* folder.

Step 4 - Open Data Sources (ODBC) from Control Panel

1. Go to *System DNS* tab;
2. Click *Add*;
3. Select *SQL Server Native Client 10.0* driver from the list;
4. Input *BIOMETRIC* name;
5. Input name of the current machine in *Server* field (Can be found in *computer properties->computer name->full name* field or while clicking on down arrow in the list);
6. Click *Next*;
7. Select SQL Server authentication;

8. Fill in Login ID: *biometric*, password: *1234*;
9. Click *Next*;
10. Select *Photo* database as a default. Click *OK*.

Step 5 - Install communication service by running command *Communication.exe /install* from */server* directory as administrator.

Step 6 - Install biometric service by running command *BiometricService.exe /install* from */server* directory as administrator.

Step 7 - Create in *%programfiles%/IDOT/* directory *Logs*.

Step 8 - Run *server.reg* and add info from it to the register.

Step 9 - Run those services from *Services* menu (control panel).

Step 10 - Install EWS, IWS, and AWS from corresponding subdirectories of */clients* directory.

4 APPLICATIONS CREDENTIALS

WARNING! You need to know corresponding user accounts to use EWS, IWS and AWS.

Enrollment WorkStation (EWS):

- Login: RegStationOne
- Password: 123
- Login: RegStationTwo
- Password: 123
- Login: RegStationThree
- Password: 123

Investigative WorkStation (IWS):

- Login: expert1
- Password: expert1
- Login: expert2
- Password: expert2
- Login: expert3
- Password: expert3

Investigative WorkStation (as a supervisor):

- Login: Supervisor1
- Password: 123

Administrative WorkStation (AWS):

- Login: breader
- Password: 123

Test photo images for EWS and IWS are located in a */photo* directory.

To immediately add people to the biometrics database (start night batch) press *Night batch* button (the bottom right of EWS main screen).

5 CONTACT US



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