**DocTracker v3 plus  
System Installation Guide**



V3.0

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|  |
| --- |
| 1. DocTracker 3 Server installation and setup |

## 1.1 System requirement

* OS
* MS Windows Server 2012 (R2)
* Database
* MySQL 5.x
* Modules
* IIS Server 7.0 / 8.0 / 9.0
* .net Framework 3.5 sp1
* .net Framework 4.5
* Microsoft WSE 3.0
* User Access / Permission for installation
* Administrator

## 1.2 Install IIS Server / .net Framework (Windows 2012 (R2) System)

|  |  |
| --- | --- |
| In Server Manager, tap [Add roles and features] |  |
| Click [Next] |  |
| In Installation Type select "Role-based or feature-based installation", click[Next] |  |
| In "Server Selection", click[Next] |  |
| In ''Server Roles", tick “Web Server (IIS)” |  |
| Click [Add Features] on the pop-up window |  |
| In "Server Roles", tick Application Server, and click[Next] |  |
| In **"Features"** , tick **".NET Framework 3.5 Features"**, and click[Next] |  |
| In **"Web Server Role (IIS) "**click[Next] |  |
| In **"Role Services"**, tick and add the options in **"Application Development"** like picture, and click[Next]  During the tick, some options will pop up window, click[Add Features] |  |
| In **"Application Server"** click [Next] |  |
| In **"Role Servers",** click [Next] |  |
| Click **"Install"** to start installation program |  |
| Waiting for the installation process to finish |  |
| Click **[Close]** after installation is complete |  |

## 1.3 Install Microsoft WSE 3.0

|  |  |
| --- | --- |
| Double click **"Microsoft WSE 3.0.msi"** to start **Microsoft WSE 3.0** installer |  |
| Click **[Next]** |  |
| Select **"I accept the terms in the license agreement"** and click **[Next]** |  |
| Select **"Runtime"** and click **"Next"** |  |
| Click **"Install"** start installation program. |  |
| Waiting for the installation process to finish |  |
| Click **[Finish]** after installation is complete |  |

## 1.4 Install DocTrackerV3Plus and related tools

|  |  |
| --- | --- |
| Start “DocTracker Server Setup" | C:\Users\SIT\Desktop\temp\installGuidePics\1560241349607.jpg |
| Click "Next" | C:\Users\SIT\Desktop\temp\installGuidePics\1560241417970.jpg |
| Select the installation path, click "Next" | C:\Users\SIT\Desktop\temp\installGuidePics\1560241430693.jpg |
| Click "Install" start installation program | C:\Users\SIT\Desktop\temp\installGuidePics\1560241467444.jpg |
| Waiting for the installation process to finish | C:\Users\SIT\Desktop\temp\installGuidePics\1560241492622.jpg |
| After installation is complete, make sure the option “Launch the program” is checked. Click [Finish] to end installation. | 1560319475393 |

1.5 Setting License Key

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|  | |
|  | |
| ***(If you unchecked the Launch the Program on accident do this step, else skip to next step)***  Open (default installation path is)  C:\DocTracker\GenHWBlueprintfolder and double click to run GenHWBluePrint.exe |  |
| Launching the Program will cause this window to pop up.  Fill in relevant data and click [Generate C2V File] button |  |
| Select the path to save the **C2V file** (In the figure, use desktop as example) and click **[Save]** |  |
| Emailed the **uDMSLicenceBlueprint.c2v** to the supplier, and the supplier will return a **dt\_license.v2c** file as the license key. |  |
| Like figure,move dt\_license.v2cto(default installation path is)C:\DocTracker\Properties folder,and done. |  |

## 1.6 Run DocTracker Installation Helper

|  |  |
| --- | --- |
| Double click and run Launch DocTracker Installation Helper.exe shortcut on desktop | C:\Users\SIT\Desktop\temp\installGuidePics\1560241683519.jpg |
| DocTracker Server Installation Helper will detect other un-mounted components. Click "Start". The installation process will proceed. This tool will have several components installed and tested | C:\Users\SIT\Desktop\temp\installGuidePics\1560241804493.jpg |

|  |  |
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| If finds that the tools need to installed MySQL, The message will pop up to check the installation location.  Click **"No"** to install to the default path C:\ProgramFiles\MySQL\MySQL Server 5.5”.  If you click **"Yes"**, please select the installation destination (**MySQL\MySQL Server**  **5.5** folder will be automatically generated)  If you press **"Cancel"**, will return **DocTracker Server Installation Helper** window | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527751047665.jpg C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527751879673.jpg |
| Wait for picture to appear and carefully enter the password for setting the MySQL ROOT user (example **doc50tracker**), then press **[OK]** | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527752043703.jpg |
| Need to re-enter the MySQL ROOT password just entered to create the database, then press **[OK]** | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527752418081.jpg |
| Confirm the installation status, if needed, follow the instructions and press **[Reload]** | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527753190786.jpg |
| Click on the **Configuration** page, change the **Installation Path**, **Permission Type** and **Server Path** as needed | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527753400289.jpg |
| Double click to run Launch DocTracker Server Console.exe shortcut on desktop  DocTracker Server Console will check the operating status  \* If needed, set the language in the lower right corner | C:\Users\SIT\Desktop\temp\installGuidePics\1560242243428.jpg  C:\Users\SIT\AppData\Local\LINE\Cache\tmp\1560760119719.jpg |
| If the installation path is not default **C:\DocTracker**, you need to change it in the **System Parameter** and press **[Save]**.  Then enter the Database password in the **Root Information** window and press **[OK]**. The **System Parameter** have been updated. | C:\Users\SIT\Desktop\temp\installGuidePics\1560306743762.jpg  C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527754392514.jpg  C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527754472422.jpg |
| If you need to change the database password, click on the **Configuration**, enter the **DB Account Name** and **DB Account Password**, click **[Update Account]** | C:\Users\SIT\Desktop\temp\installGuidePics\1560306998806.jpg |
| Password verification, then click **[OK]** | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527755120475.jpg |
| If the tool detects that the account already exists, it will ask if it is needed to update the password.  Press **"No"** to return password verification page  Press **"Yes"** to display the account password updated page | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527755189522.jpg |
| Account password is updated, click **OK** to confirm | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527755354118.jpg |
| The initial installation requires **"Update Web Configuration"**.  Enter the **DB Account Name** and **DB Account Password**, and click **[Update ALL Config]**. | C:\Users\SIT\Desktop\temp\installGuidePics\1560306951717.jpg |
| **"ALL Config"** has been updated, click **OK** to confirm | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527755852131.jpg |
| All **Status** shows **Success** of main installation | C:\Users\SIT\AppData\Local\LINE\Cache\tmp\1560394329225.jpg |
| Please enter in the web browser's addressbar**URL(http://127.0.0.1/doctracker)**  or use shortcuts installed on the desktop after installation to verify that the installation is complete |  |
| If the server version is Windows Server 2012 R2 or latest, the screen shown in the figure will appear. Please change the **Web.Config** file as follows |  |
| Use **Notepad** to open the **Web.config** file in the C:\DocTracker\Web folder | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527756590976.jpg |
| Find the following sentence near the bottom and delete.  <mimeMapfileExtension=".json" mimeType="application/json" /> |  |
| Save and close windowifthe sentence be deleted. |  |
| Restart **IIS** |  |
| Login screen will return to normal |  |
| Default account  ID: admin Password: 12345 The initial logon screen for changing the password as shown in the figure indicates normal connection to the database and complete of the main installation. |  |

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| 2.OCR STATION installation and setup |

**System requirement**

* OS

- MS Windows Server 2012(R2)

* Database

-MSSQL Compact 4

* Modules

- .net Framework 3.5 sp1

- .net Framework 4.5

- Microsoft WSE 3.0

- MSSQL Compact 4 Runtime

* User Access / Permission for installation

- Administrator

* User right required to run the application service

- Local System

* 1. Install Microsoft WSE 3.0

|  |  |
| --- | --- |
| In Server Manager, tap [Add roles and features] |  |
| Click[Next] |  |
| In Installation Type select" Role-based or feature-based installation", click[Next] |  |
| In "Server Selection", click[Next] |  |
| In ''Server Roles", click[Next] |  |
| In **"Features"** ,tick **".NET Framework 3.5 Features"** |  |
| For .NET framework 4.5 defaults should be installed on Server 2012 R2. Extend the item list of “.NET Framework 4.5 Features” to confirm “.NET Framework 4.5” is installed already and click[Next] |  |
|  |  |
|  |  |
|  |  |
| Click **[Install]** to start installation program in the confirmation step. |  |
| Waiting for the installation process to finish |  |
| Click **[Close]**after installation is complete |  |

* 1. Install Microsoft WSE 3.0

|  |  |
| --- | --- |
| Double click **"Microsoft WSE 3.0.msi"** to start **Microsoft WSE 3.0**installer |  |
| Click**[Next]** |  |
| Select **I accept the terms in the license agreement** and click**[Next]** |  |
| Select **"Runtime"** and click **"Next"** |  |
| Click **"Install"** start installation program. |  |
| Waiting for the installation process to finish |  |
| Click **[Finish]**after installation is complete |  |

* 1. Install SQL Compact Runtime

|  |  |
| --- | --- |
| Open the **"SSCERRuntime\_x64‐ENU.msi"** installation file to run SQL Compact Runtime |  |
| Click "Next" |  |
| Select **"I accept the terms in the license agreement"**, and click**[Next]** |  |
| Click "Install" |  |
| Waiting for the installation process to finish |  |
| Click "Finish" |  |

2.3 Install DocTracker OCR Station and models

|  |  |
| --- | --- |
| Install "DocTracker OCR Station.exe" | C:\Users\SIT\Desktop\temp\installGuidePics\1560243937816.jpg |
| Click "Next" |  |
| Determine the installation path , and click "Next" |  |
| Click[Install]start installation program. |  |
| Waiting for the installation process to finish |  |
| Click [Finish] |  |
| At(default installation path)  **C:\Program Files (x86)\DocTracker\iDRS\_15\iDRS\_15\_4\_5\_Win64\bin** folder, double click and run to execute **iDRS License Installer** |  |
| In iDRS License Installer, click[Next] |  |
| Click [I Agree] |  |
| Paste the provided **IDRS Serial License key** and confirm that **C:\Program Files (x86)\DocTracker\iDRS\_15\iDRS\_15\_4\_5\_Win64\resources** is the Path to OCR resources path, and then click **[Install]** |  |
| Waiting for the installation process to finish |  |
| During installation, It may pop up MICROSOFT VISUAL C++ 2010 RUNTIME LIBRARIES WITH SERVICE PACK 1 install window |  |
| Tick “ I have read and accept the license terms” and click [Install] |  |
| Waiting for the installation process to finish |  |
| Click [Finish]after installation complete |  |
| Continue installpartof the **IDRS OCR** component**, click**[Next] |  |
| Click [Finish]after installation complete |  |
| Open windows folder of “C:\Program Files (x86)\DocTracker\iDRS\_15\iDRS\_15\_4\_5\_Win64\redist\Microsoft\vs2017\64bits” and run the “vc\_redist.x64”  (C:\Program Files (x86)\DocTracker\iDRS\_15\iDRS\_15\_4\_5\_Win64\redist\Microsoft\vs2017\32bits\vc\_redist.x86) for 32bit server |  |
| Checked I agree to the license terms and conditions and click [Install] |  |
| Waiting for the installation process to finish |  |
| Click [Close] |  |

## 2.4 Register DocTracker OCR Station service

|  |  |  |  |
| --- | --- | --- | --- |
| Run the **Command Prompt** as **system administrator**. The detailed method is as follows:  Click the **Windows button** on your keyboard and look for **Command Prompt** in the menu  Or  Click the **start icon** in the red circle like the picture, and then press the keyboard key directly to enter **cmd,** then the **Command Prompt** character program will be displayed on the left side of the screen. | | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527761942023.jpg | |
| Change the path to **"C:\Program Files(x86)\DocTracker\DocTracker OCR Station"** and run the following command  cd C:\Program Files (x86)\DocTracker\DocTracker OCR Station |  | |
| Run the following command  "Register DocTracker OCR StationService.bat" |  | |
| If the red frame on the right figure is displayed, it indicates that the **OCR Station** has been successfully installed. |  | |
| The **"DocTracker OCR Station"** service is registered on the **Service** interface |  | |
| Enter **C:\ProgramData\Ricoh**  in Windows Explorer to open this hidden folder |  | |

|  |  |
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| Open **ocrstation.ini** file in the folder. Modify **OCR\_LANGUAGE** to set the main language used in OCR.  **English = 0,** German = 1, French = 2, Spanish = 3, Italian = 4, **British = 5,** Swedish = 6, Danish = 7, Norwegian = 8, Dutch = 9, Portuguese = 10, Brazilian = 11, Galician = 12, Icelandic = 13, Greek = 14,  Czech = 15, Hungarian = 16, Polish = 17, Romanian = 18, Slovak = 19, Croatian = 20, Serbian = 21, Slovenian = 22, Luxemb = 23, Finnish = 24, Turkish = 25, Russian = 26, Byelorussian = 27, Ukrainian = 28, Macedonian = 29, Bulgarian = 30, Estonian = 31, Lithuanian = 32, Afrikaans = 33, Albanian = 34,  Catalan = 35, Irish Gaelic = 36, Scottish Gaelic = 37, Basque = 38, Breton = 39, Corsican = 40, Frisian = 41, Nynorsk = 42, Indonesian = 43, Malay = 44, Swahili = 45, Tagalog = 46, **Japanese = 47, Korean = 48, Simplified Chinese = 49, Traditional Chinese = 50, Quecha = 51 (no longer English)**, Aymara = 52, Faroese = 53, Friulian = 54, Greenlandic = 55, Haitian Creole = 56, Rhaeto Roman = 57, Sardinian = 58, Kurdish = 59, Cebuano = 60, Bemba = 61, Chamorro = 62, Fijan = 63, Ganda = 64, Hani = 65, Ido = 66, Interlingua = 67, Kicongo = 68, Kinyarwanda = 69,  Malagasy = 70,  Maori = 71,  Mayan = 72,  Minangkabau = 73,  Nahuatl = 74,  Nyanja = 75,  Rundi = 76,  Samoan = 77,  Shona = 78,  Somali = 79,  Sotho = 80,  Sundanese = 81,  Tahitian = 82,  Tonga = 83,  Tswana = 84,  Wolof = 85,  Xhosa = 86,  Zapotec = 87,  Javanese = 88,  PidginNigeria = 89,  Occitan = 90,  Manx = 91,  TokPisin = 92,  Bislama = 93,  Hiligaynon = 94,  Kapampangan = 95,  Balinese = 96,  Bikol = 97,  Ilocano = 98,  Madurese = 99,  Waray = 100,  None = 101,  SerbianLatin = 102,  Latin = 103,  Latvian = 104,  Hebrew = 105,  Cmc7 = 106,  E13BOptical = 107,  OCRA1Alphanum = 108,  OCRA1Eurobank = 109,  OCRA1Numeric = 110,  OCRB1Alphanum = 111,  OCRB1Eurobank = 112,  OCRB1Numeric = 113,  Numeric = 114,  Esperanto = 115,  Maltese = 116,  Zulu = 117,  Afaan = 118,  Asturian = 119,  AzeriLatin = 120,  Luba = 121,  Papamiento = 122,  Tatar = 123,  Turkmen = 124,  Welsh = 125,  Arabic = 126,  Farsi = 127,  Mexican = 128,  BosnianLatin = 129,  BosnianCyrillic = 130,  Moldovan = 131,  SwissGerman = 132,  Tetum = 133,  Kazakh = 134,  MongolianCyrillic = 135,  UzbekLatin = 136, |  |

|  |  |
| --- | --- |
| Start setting up the **OCR Station.** Double-click the shortcut of **DocTracker OCR Client Config** on the desktop to open the **DocTracker OCR Station Control Panel** program. |  |
| Open **DocTracker OCR Station Control Panel**. The bottom right can set language. | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527819569260.jpg |
| Enter the **Server Setting** page, can see **System Info.** And **Installation key.** | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527824904852.jpg |
| Click **Server Setting**, open the **Installation Key** download by **DocTracker Server**, and copy the installation key.  For the key generation method, see the **"2.5 Generating Installation Key"** section below |  |
| Copy the **installation key** which set by the **DocTracker OCR Station Control Panel server** in the installation key box and press [Bind] | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527824048232.jpg |
| After Bind, the **Key binding succeed** window will pop up. Press **[ok]**.  After pressing the successful bind, the **System Info** will display related information. | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527824904852.jpg |
| Create a folder in the **Server** as shown in the figure (path and name can be changed) | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527824334354.jpg |
| Go to the Watched Folders page and set the location of the **Global Scan** or **PaperCut** folder and the **Repository** folder.  If the previous step has a custom folder name or path, select the appropriate folder. | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527824631916.jpg |
| Enter the **Service** window and start the service for uploading.  Right-click **DocTracker OCR Station** and click **Start.**  \*Confirm that the **DocTracker OCR Station service** status needs to be **Running,** the system can operate normally |  |
| After the service is start, it can actually test and upload data. |  |

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| 2.5 Generate installation key |  |
| 1. Creating a default account by admin account. Role is **Technician** (For example: use **it** as its User ID) | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527821757825.jpg  C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527821928304.jpg |
| 2. Log in with the new account, select **SERVER\_PATH** and click the **[Update]** button to update the server location.  For example, change 127.0.0.1 to the intranet IP or Domain. | C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527822187157.jpg C:\Users\Admin\AppData\Local\LINE\Cache\tmp\1527822414198.jpg |
| 3. Log in with the new account and select **OCR Station Management.**  Click **[Add]** on the final OCR Station Setting page. |  |
| 4. Fill in the **OCR Server** information.  **Station ID** can be customized.  IP Address is **OCR Server IP** (**If installed on the same machine available 127.0.0.1**),  Port usage is not used (**recommended between 60000-65535**).  Press **[Save]** after entering |  |
| 5. Click the **[Installation Key]** button after tick the newly added OCR setting record and open the installation key just download. |  |
|  |  |