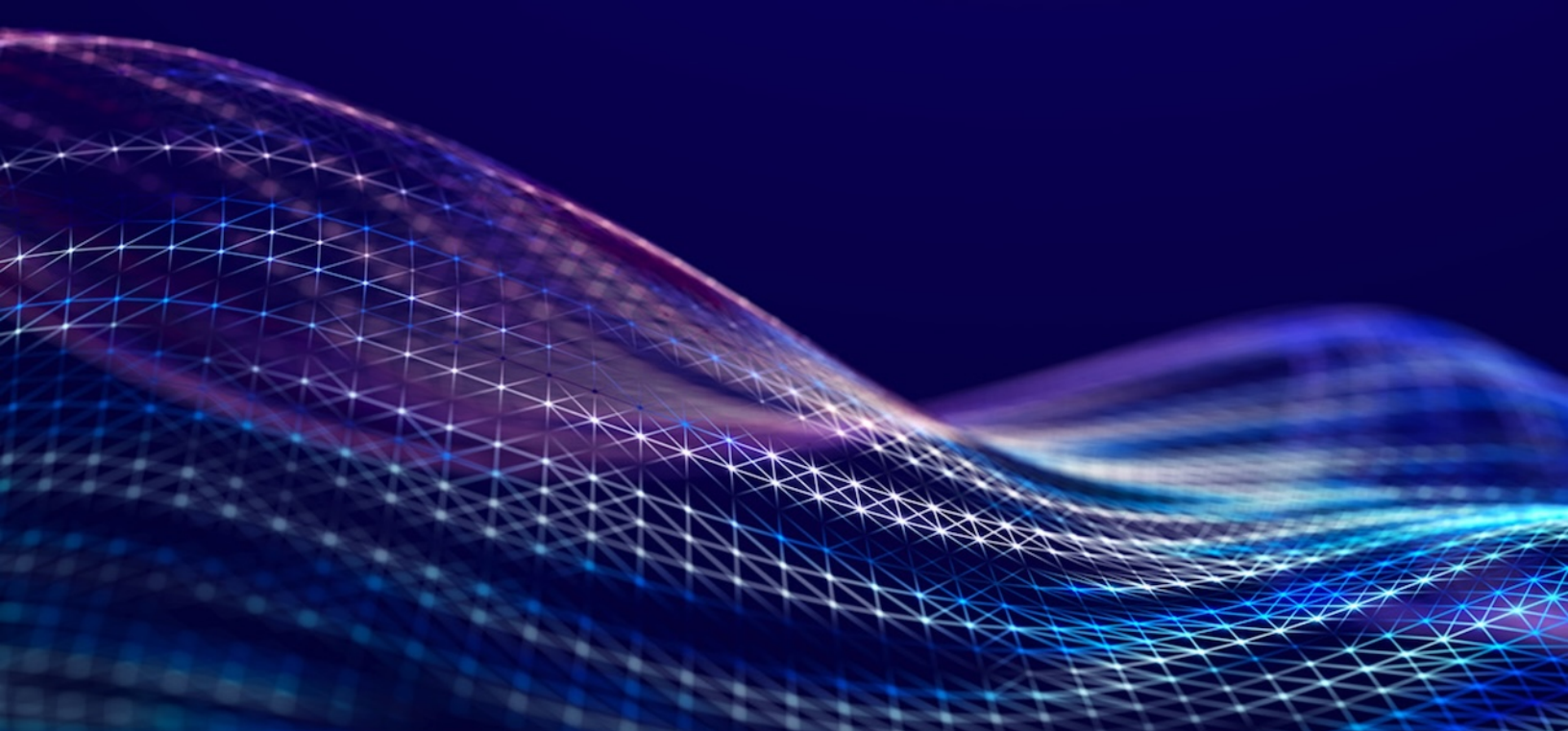




Tungsten Copitrak

ProLaw Connector Installation and Configuration Guide

Version: 3.5.0

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TUNGSTEN
AUTOMATION

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Table of Contents

Preface.....	4
System requirements.....	4
Related documentation.....	4
Getting help with Tungsten Automation products.....	4
Introduction.....	6
Installation overview.....	6
ProLaw Item Level Security (ILS) features.....	6
Procedure for prerequisites and installation.....	7
Prerequisites.....	7
Installation and configuration summary.....	7
Review customer's ProLaw database.....	8
Subdirectory scheme.....	8
Obtain the ProLaw site name.....	8
Upload root path.....	9
Install and uninstall the ProLaw Connector.....	10
Install the ProLaw Connector.....	10
Uninstall the ProLaw Connector.....	10
Configure the ProLaw Connector.....	12
Configure site name.....	13
Configure directory scheme.....	13
Subdirectory scheme examples.....	14
Eclipse/Edge terminal pre-mode configuration.....	15
Set up the Scan To ProLaw pre-mode button.....	15
Scantrak configuration.....	16
Verify the Scantrak setup.....	16
Set up Eclipse / Edge terminal groups.....	17
Debug logging.....	21
Enable debug logging.....	21
Disable debug logging.....	21
Location of log files.....	21
INI file definitions v2.0.4.....	22
ProLawTools.exe.config file v2.0.4.....	22
Application setting attributes.....	23
ProLawHelper.dll.config file v2.0.5.....	25
Application setting attributes.....	26

Preface

This guide provides instructions for administrators who are responsible for installing and using Tungsten Copitrak ProLaw Connector. Use this guide to get started with the software and become familiar with the product features.

System requirements

System requirements are listed in the *Technical Specifications* document, which is available from the [Tungsten Copitrak Product Documentation](#) site. The document is updated regularly, and we recommend that you review it carefully before installing your product.

Related documentation

Product documentation for Tungsten Copitrak 3.5.0 is available here:

<https://docshield.tungstenautomation.com/Portal/Products/Copitrak/3.5.0-9iemtxkeno/Copitrak.htm>

Getting help with Tungsten Automation products

The [Tungsten Automation Knowledge Portal](#) repository contains articles that are updated on a regular basis to keep you informed about Tungsten Automation products. We encourage you to use the Knowledge Portal to obtain answers to your product questions.

To access the Tungsten Automation Knowledge Portal, go to <https://knowledge.tungstenautomation.com/>.

 The Tungsten Automation Knowledge Portal is optimized for use with Google Chrome, Mozilla Firefox, or Microsoft Edge.

The Tungsten Automation Knowledge Portal provides:

- Powerful search capabilities to help you quickly locate the information you need.
Type your search terms or phrase into the **Search** box, and then click the search icon.
- Product information, configuration details and documentation, including release news.
To locate articles, go to the Knowledge Portal home page and select the applicable Solution Family for your product, or click the View All Products button.

From the Knowledge Portal home page, you can:

- Access the Tungsten Automation Community (for all customers).
On the Resources menu, click the **Community** link.
- Access the Tungsten Automation Customer Portal (for eligible customers).
Go to the [Support Portal Information](#) page and click **Log in to the Customer Portal**.
- Access the Tungsten Automation Partner Portal (for eligible partners).
Go to the [Support Portal Information](#) page and click **Log in to the Partner Portal**.
- Access Tungsten Automation support commitments, lifecycle policies, electronic fulfillment details, and self-service tools.
Go to the [Support Details](#) page and select the appropriate article.

Introduction

This document provides information on how to install and configure the Tungsten Copitrak ProLaw Connector on the CSS Server. This connector allows Copitrak to be integrated with the ProLaw Legal Case Management software, providing automatic accounting while scanning directly from compatible MFP devices.

 This document applies to the installation and configuration of the Tungsten Copitrak ProLaw Connector version 3 or later only, and it cannot be used with earlier versions.

Installation overview

Tungsten Copitrak ProLaw Connector installation requires the following:

- Copitrak CSS 3.2.0 Server Package is installed and updated.
- Copitrak Eclipse or Edge interface set up and configured with the required terminal and user groups.
- Copitrak Scan configured for **Scan To Folder**.
- A ProLaw administrator account and password. See Prerequisites and Review customer's ProLaw database for required ProLaw system information.

 From Copitrak 3.5.0, you can configure and use multiple DMS scan connectors at the same time. To configure multiple scan connectors, see Chapter 5 in the *Tungsten Copitrak Configuration Guide*.

The following configuration files are updated by the ProLaw Configurator and ConfigFileManager:

- ProLawHelper.dll.config
- ProLawTools.exe.config
- DMSPlugIn.dll.config
- Scantrak.ini

ProLaw Item Level Security (ILS) features

ProLaw Legal Case Management software provides enhanced document security features called Item Level Security. Copitrak can support ProLaw Item Level Security, which is an advanced feature that requires customization by Tungsten Copitrak Professional Services personnel. Customization of the Copitrak DMS plug-in to support ILS is not covered within the scope of this document.

Procedure for prerequisites and installation

This section includes prerequisites, followed by a summary of the installation and configuration procedures described in subsequent chapters.

Prerequisites

The following information is required to install the ProLaw Connector. This information can be collected in advance of the installation to increase the installation speed and avoid delays caused by lack of configuration details.

- ProLaw Server Information
- ProLaw Server Name
- ProLaw Database Name
- ProLaw Database User name
- ProLaw Database User Password
- ProLaw Configuration Information
- Subdirectory Scheme (see [Subdirectory scheme](#))
- ProLaw Site Name (see [Obtaining the ProLaw site name](#))
- Upload Path Root (see [Upload root path](#))

To prepare other prerequisites, make sure that you do the following:

1. Check the ProLaw Legal Case Management system version information and ensure that it is supported by the Copitrak DMS Connector being installed. See the [Technical Specifications](#) for version information.
2. Review the customer's ProLaw DMS system for the necessary information required to configure the ProLaw Connector. For detailed instructions, see [Review customer's ProLaw database](#).

Installation and configuration summary

1. Configure the Eclipse/Edge terminal groups, user groups and pre-modes required for **Scan To Folder** and **Scan To DMS**. For detailed instructions, see [Eclipse / Edge terminal groups setup](#).
2. Configure Copitrak Scan for **Scan To Folder**. This feature is often required in addition to **Scan To DMS**, and it is useful for testing Copitrak Scan before installing the DMS Connector. Also, this configures the necessary scan in folders used by both **Scan To Folder** and **Scan To DMS**. For detailed instructions, see [Scantrak configuration](#).
3. Install the ProLaw Connectors using the provided installer/configurator. For detailed instructions, see [Install the ProLaw Connector](#).

Review customer's ProLaw database

Review the setup and configuration of the customer's ProLaw database to obtain the following information required for Copitrak ProLaw Connectors configurations.

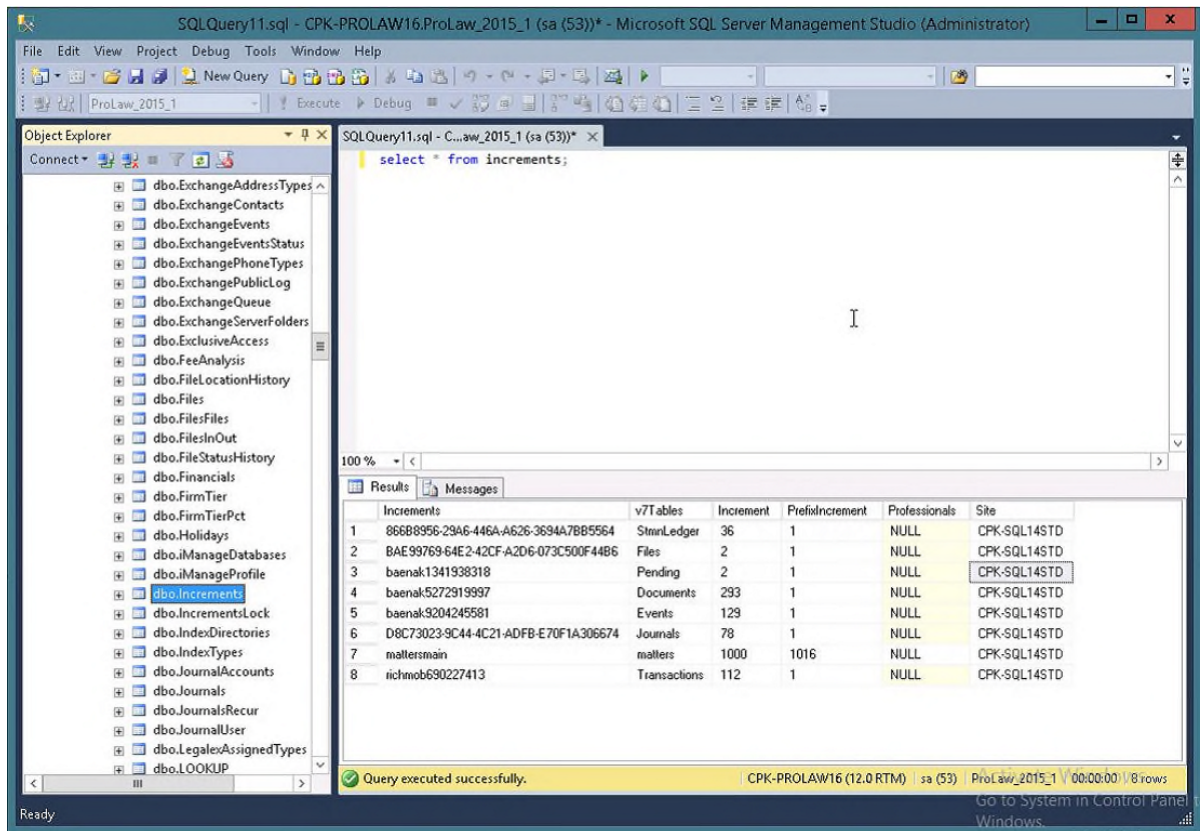
Subdirectory scheme

Record the values of the fields set in the subdirectory scheme of the customer's ProLaw database. For details on how to get the information and how to set mappings between Copitrak and ProLaw attribute keys, see [Configure directory scheme](#).

Obtain the ProLaw site name

To obtain the ProLaw site name, do the following:

1. Start Microsoft SQL Server Management Studio.
2. Connect to the database with the credentials provided in [Prerequisites](#).
3. Run a query on any of the tables (For example: `select * from increments;`).
4. Check the **Site** column in the **Results** tab for the ProLaw site name.



Upload root path

UploadPathRoot represents the path on the ProLaw server, where ProLawTools uploads the scanned documents. This must reference a shared folder, accessible to ProLawTools.

Configure the Upload Path Route by editing ProlawTools.exe.config in C:\ERS\DMS\ProLaw\ProLawTools.

Look up the line containing the following key attribute-values within the <add> tags, nested in the <appSettings> element. Replace the existing value attribute-value with the one below.

Key attribute	Value	Function
UploadPathRoot	"\\ProLaw ServerName \Scanned Documents "	The path might be set up uniquely for different ProLaw installations. Obtain the exact path from the ProLaw system administrator or check the ProLaw server shares on the local network (use Windows File Explorer and Network).

Install and uninstall the ProLaw Connector

The ProLaw Configurator program changes the following configuration files:

- ProLawHelper.dll.config
- ProLawTools.exe.config
- DMSPlugIn.dll.config
- Scantrak.ini

Install the ProLaw Connector

Do the following to install the ProLaw Connector.

1. Stop the CtkServiceMan service from the Windows services.
This ensures that LCWIN is not running during the installation.
2. Run the installer on the system where the Copitrak Server is already installed.
The installer shows progress as it deploys files.

The ProLaw Configurator program changes the following configuration files:

- ProLawHelper.dll.config
 - ProLawTools.exe.config
 - DMSPlugIn.dll.config
 - Scantrak.ini
3. To install the connector in silent mode, run the following command from the administrator Command Prompt:

```
msiexec /i ProLawConnector.3.1.0.5.msi /qn
```

 The installer behavior is the same, whether it is executed in silent mode or normal mode. The installer finds the path to CSS installation (usually C:\ers), and deploys files under the subfolder DMS. If an older, manually deployed version of this connector is found, the installer makes a backup copy of the older version before proceeding.

Uninstall the ProLaw Connector

When the ProLaw Connector is installed successfully, it appears in **Control Panel > Programs and Features** as **Tungsten Automation ProLaw Connector**.

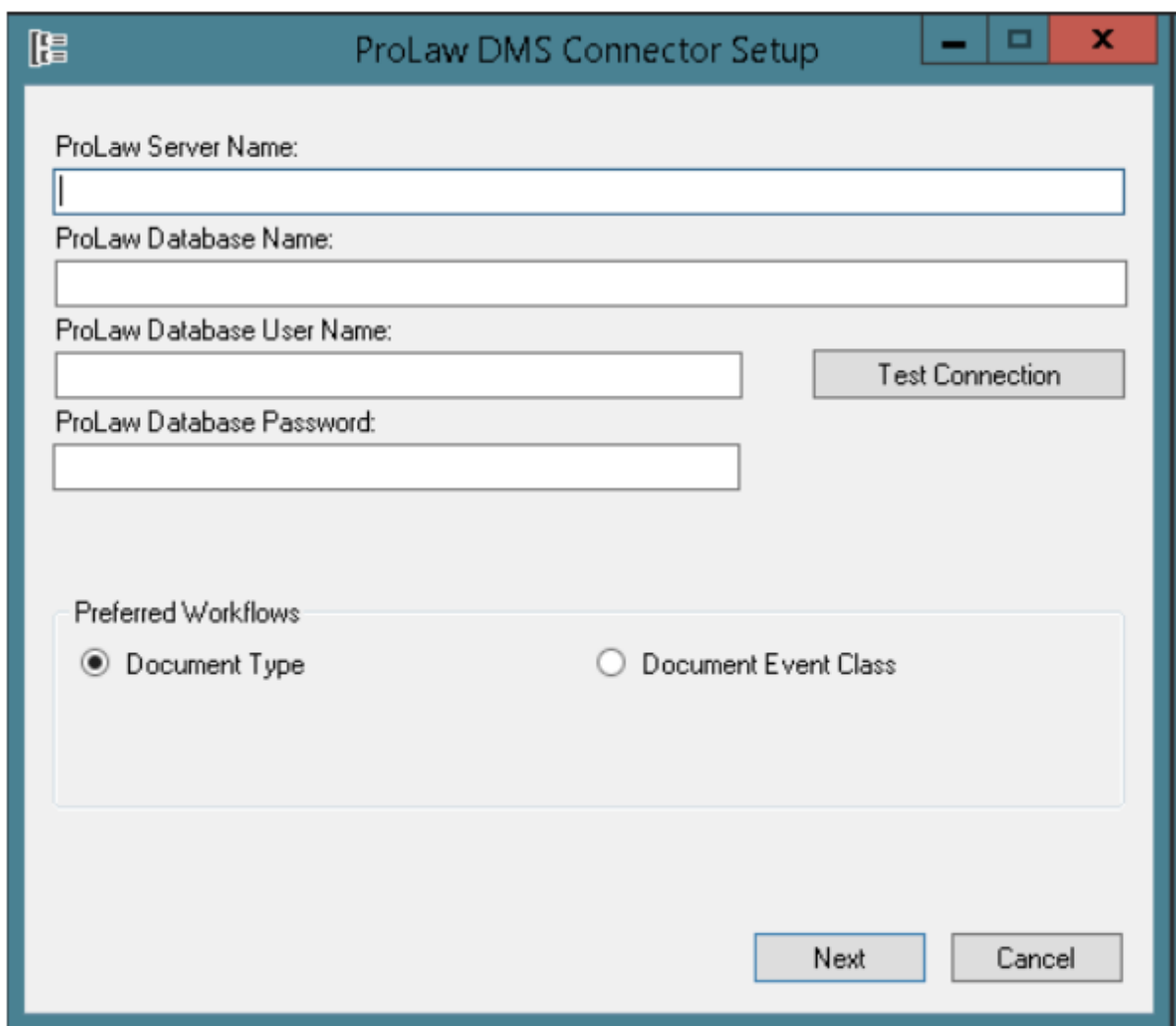
1. Open **Control Panel**.
2. Navigate to **Programs and Features**.
3. Find and right-click on **Tungsten Automation ProLaw Connector**.

4. Click **Uninstall**.

Configure the ProLaw Connector

For a successful ProLaw Database connection, information must be provided in ProLaw Connector Configurator, which is located in `C:\ERS\DMS\ProLaw`.

1. Rename the ProLawDMSConnectorSetup.exe.sample to ProLawDMSConnectorSetup.exe.config.
2. Navigate to the folder above, and double-click ProLawDMSConnectorSetup.exe.



The screenshot shows the 'ProLaw DMS Connector Setup' window. It has a title bar with a standard Windows icon and window controls. The main area contains four text input fields: 'ProLaw Server Name:', 'ProLaw Database Name:', 'ProLaw Database User Name:', and 'ProLaw Database Password:'. To the right of the 'ProLaw Database User Name:' field is a 'Test Connection' button. Below these fields is a section titled 'Preferred Workflows' containing two radio buttons: 'Document Type' (which is selected) and 'Document Event Class'. At the bottom right of the window are 'Next' and 'Cancel' buttons.

3. Enter the connection parameters as follows:
 - Server path: ProLaw server name
 - Database Name: ProLaw database name
 - User Name: ProLaw database user name

- Password: ProLaw database user password
- 4. Click **Test Connection** to test the connection.
 - a. If all values are correct, "We have successfully connected to the ProLaw database" message appears. Close the message and proceed to step 5.
 - b. If an incorrect value is entered, then the "Unable to connect to the ProLaw database" error message appears. Obtain correct values and repeat this procedure from step 3.
- 5. Under **Preferred Workflows**, select a workflow option that matches your setup and requirements.
- 6. Click **OK** to save changes and close the dialog box.

Configure site name

In the ProLaw Connector Configurator dialog box, specify the ProLaw Site Name and the Upload Root Path. For details on how to obtain Upload Root Path, see [Upload root path](#).

Start the Copitrak services after the successful configuration.

Configure directory scheme

 The ProLaw subdirectory scheme is used to store and retrieve documents by ProLaw and Copitrak DMS connectors. Changing the subdirectory scheme in the customer's ProLaw system could result in a loss of documents or incorrect storage of new documents. A change to the scheme should only be done by your IT staff and database administrators who understand the impact and ramifications of such changes, and how to deal with them at the database level.

In the ProLaw system, a three-level subdirectory scheme can be assigned to each Matter, to provide a consistent structure for storing documents. The subdirectory scheme should be set up before use, based on Copitrak metadata. The account code in Copitrak serves as Matter ID in ProLaw. To find and prepare a Matter, do the following:

1. Start the ProLaw application on the ProLaw server.
2. On the **My Actions** toolbar, click **Matters**.
3. In the **Shortcuts** bar on the left, click **Quick find**.
The **Quick find** panel appears on the right.
4. In the **Search by** list, click **Matter ID**.
5. Type the **Matter ID** (Copitrak account code) into the **Search for** box.
6. Right-click the related matter, and then click **Matter Preferences** in the context menu.
7. Click the **Documents** tab.
8. Under **Subdirectory scheme**, select a key attribute for each subdirectory level.
9. Click **OK** to save changes and exit.
10. Use a pure text editor, such as PSPad, Notepad or Notepad++ to Edit the ProlawTools.exe.config file in the C:\ERS\DMS\Prolaw\ProLawTools folder. Add a Copitrak

key mapping for each ProLaw key attribute selected above. Use the following table for the mapping.

ProLaw key attribute	Copitrak key attribute
Area of Law	AreaOfLaw
Client ID	ClientId
Client Sort	ClientSort
Document Type	DocumentType
Event Class	DocumentClass
Initials	AuthorInitials
Matter Description	MatterDescription
Matter ID	MatterId

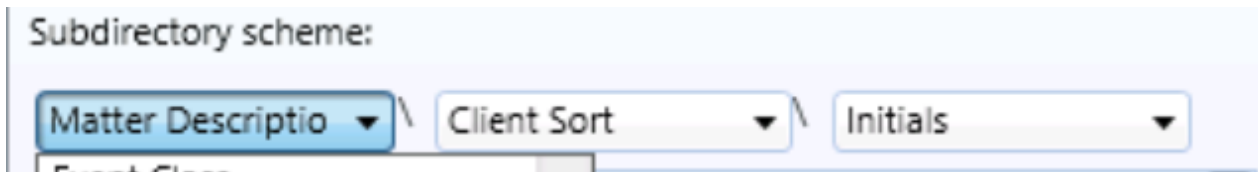
i ProLaw attribute keys called **Professional** and **Matter Type** are not supported in Copitrak.

Use the `add` xml tag with **DocSubDir1**, **DocSubDir2**, and **DocSubDir3** as **keys**, and use the corresponding Copitrak key attributes from the table above as values. **DocSubDir1**, **2** and **3** are representing the three folder levels of the subdirectory scheme. For mapping examples, see [Subdirectory scheme examples](#). For a .ini file sample, see [INI file definitions](#).

11. If the Event Class attribute key is used in the ProLaw subdirectory scheme, the documentClass attribute key should be linked to docEventClass in Copitrak. The following line should be added to the ProlawTools.exe.config file: `<add key="DocEventClass" value="GENERAL4" />`.
12. Repeat the above procedure for each parameter to achieve correct mappings.

Subdirectory scheme examples

In this example, the customer uses the following attribute keys in ProLaw, to build the subdirectory scheme:



To assign the appropriate Copitrak attribute keys, the following lines should be added to the ProlawTools.exe.config file:

```
<add key="DocSubDir1" value="MatterDescription" />
<add key="DocSubDir2" value="ClientSort" />
<add key="DocSubDir3" value="AuthorInitials" />
```

Eclipse/Edge terminal pre-mode configuration

Eclipse/Edge terminal groups and pre-modes must be configured prior to configuring Scantrak and installing the DMS connector.

Set up the Scan To ProLaw pre-mode button

Start Config File Manager and follow the steps below to set up the Scan to ProLaw pre-mode button.

1. Select **Terminal/User Options**.
2. Select the Terminal Group to be used for scanning to ProLaw.
3. Set working Modes.
 - a. Set ModeCopy = Copy,0.
 - b. Set ModeScan = Scan,1.
4. Set Scan to ProLaw pre-mode button.
 - a. Set PreMode0 = 1,Copy%%Make Copies.
 - b. Set PreMode1 = 1,DIRPER%%Scan to folder.
 - c. Set PreMode2 = 1,DMS%%Scan to ProLaw.

Scantrak configuration

Verify the Scantrak setup

Follow the steps below to configure Scantrak:

1. Click **Scantrak** in the **Configuration Manager** to start Scantrak. (Configuration Manager can be started from the Copitrak shortcut folder).
2. Set the DMS System to **ProLaw**.

 When configuring your ProLaw connector with CSS version 3.5.0 or later, see Chapter 5 in the *Tungsten Copitrak Configuration Guide* and skip to [step 5](#).

3. Set the Server to your **ProLaw server name**.
4. Set the Default Database to your default ProLaw database if it required.
5. Click **XML routing** to start the Scantrak – Description Routing dialog box.
6. In the **Terminal Key Root** list, click **DMS**.
7. In the Action list, click **EXE**. This directs ScanTrak to start a program specified in the **Action Postfix** box.
8. In the **Action Postfix** box, specify the full path with the program filename: C:\ERS\DMS\ProLaw\ProLawTools\ProLawTools.exe.
9. In the **Rename** box, enter the routing formula as %g0160100_%I0164_%d_%t.
10. In the **Backup Folder For Routed Scan**, specify the path for scan folder backup as C:\ERS\scans\backup.
11. Click **Save & Back** to save changes and return to the Scantrak window.
12. Click XML routing to start the Scantrak – Description Routing dialog box.
13. Select the item starting with DMS in the **Description Routing** list.
14. Click **Terminal Setup** to proceed to configure terminal, user, and language groups for Scan to ProLaw.
The **Scantrak Routing Terminal Configuration** dialog box appears.

Set up Eclipse / Edge terminal groups

To set up Eclipse / Edge terminal groups, user groups, and language groups, start Scantrak Routing Terminal Configuration.

To start Scantrak Routing Terminal Configuration, click **ScanTrak** in the **Configuration Manager** (Configuration Manager can be started from the Copitrak shortcut folder.), then click **XML Routing > Terminal Setup**.

All configuration data is stored in terminal_setup.ini.

Perform the following steps:

1. In the **Active Route** list, click **DMS**
2. Highlight all available and related terminal groups, user groups, and language groups in the following lists:
 - a. Available Terminal Groups
 - b. Available User Groups
 - c. Available Language Groups

 In a standard installation the terminal group **REGULAR**, user group **REGULAR**, and language group **ENGLISH** should be selected. Hold down the **Ctrl** key while clicking to select multiple items in the same list.

3. Click each button to move all selected items from the **Available groups** to the corresponding **Selected groups**. As soon all three lists on the right (**Selected Terminal Groups**, **Selected User Groups**, and **Selected Language Groups**) are populated, the **General options** tab and **Additional Options** tab show up on the right.
4. Set the fields on the **General 2 - 4** tab as follows:
 - a. **General2** section:
 - **Pick List Source:**
 - **Pick List Title:** File Type
 - **Validation:** Default
 - **Mask:** !
 - **Default:** OCR
 - **Prompt:** .
 - **Reject:** .
 - **No results:**
 - b. **General3** section:
 - **Pick List Source:** !1
 - **Pick List Title:** Database
 - **Validation:** Default

- **Mask:** .
 - **Default:** ProLaw
 - **Prompt:** .
 - **Reject:** .
 - **No results:**
 - c. **General4** section:
 - **Pick List Source:** !2.00D
 - **Pick List Title:** Event Class
 - **Validation:** Picklist
 - **Mask:** .
 - **Default:** .
 - **Prompt:** Select Event Class here
 - **Reject:** .
 - **No results:** .
5. Set the fields on **General 5-7** tab as follows:
- a. **General5** section:
 - **Pick List Source:** !3
 - **Pick List Title:** Doc Type
 - **Validation:** PickList
 - **Mask:** .
 - **Default:** .
 - **Prompt:** Select Doc Type
 - **Reject:** .
 - **No results:** *
 - b. **General6** section:
 - **Pick List Source:** X
 - **Pick List Title:** .
 - **Validation:** Default
 - **Mask:** .
 - **Default:** .
 - **Prompt:** .
 - **Reject:** .
 - **No results:**
 - c. **General7** section:
 - **Pick List Source:** X
 - **Pick List Title:** .
 - **Validation:** Default
 - **Mask:** .
 - **Default:** .
 - **Prompt:** .

- **Reject:** .
 - **No results:**
6. Set the fields on **General 8-10** tab like it is shown in General7 section on General 5-7 tab, for details see [step 5](#).
 7. Set the fields on **General 11-13** tab like it is shown in General7 section on General 5-7 tab, for details see [step 5](#).
 8. Set the fields on **General 14-16** tab as follows:
 - a. **General14** section:
 - **Pick List Source:** X
 - **Pick List Title:** .
 - **Validation:** Default
 - **Mask:** .
 - **Default:** .
 - **Prompt:** .
 - **Reject:** .
 - **No results:** .
 - b. **General15** section:
 - **Pick List Source:** .
 - **Pick List Title:** .
 - **Validation:** Default
 - **Mask:** !
 - **Default:** .
 - **Prompt:** .
 - **Reject:** .
 - **No results:**
 - c. **General16** section:
 - **Pick List Source:** .
 - **Pick List Title:** Doc Name
 - **Validation:** Open
 - **Mask:** .
 - **Default:** Enter document name
 - **Prompt:** .
 - **Reject:** .
 - **No results:**
 9. Set the fields on **General 14-16** tab as follows:
 - a. In the **Route Specific Options** section, set the following fields:
 - **Account Validation:** Validated (Open Com Fail)
 - **Account Default:** .
 - **Next File Text:** .
 - b. In the **Route Specific Options** section, set the check boxes as follows:

Clear all check boxes.

Select the following check boxes only:

- **Show bates General 16**
- **Show bates General 2**

- 10.** Click **Save & Back** to save changes and return to the Scantrak - Description Routing dialog box.
- 11.** Click **Save & Back** and close the Scantrak window.

Debug logging

Debug logging is disabled after installation, to prevent waste of storage by generating huge debug log files over time when they are not required.

Enable debug logging

Complete the following steps:

1. Start ProLaw Connector Configurator (see [Configure the ProLaw Connector](#) for details).
2. Select the **Debug Logging** check box.
3. Click **OK** to save changes and close the dialog box.

Disable debug logging

Complete the following steps:

1. Start ProLaw Connector Configurator (see [Configure the ProLaw Connector](#) for details).
2. Clear the **Debug Logging** check box.
3. Click **OK** to save changes and close the dialog box.

Location of log files

The path to the ProLaw log files by default is `C:\ERS\LogFiles\ProLaw\`, assuming the root director of CSS server is installed at `c:\ers`.

The folder may contain the following log files:

- ProlawTools.log
- ProlawHelper.log
- DMSPlugIn.log

INI file definitions v2.0.4

ProLawTools.exe.config file v2.0.4

```
<configuration>
  <configSections>
    <section name="nlog" type="NLog.Config.ConfigSectionHandler, NLog"/>
  </configSections>
  <appSettings>
    <!-- For appSettings attribute details, see the that follows this sample -->
  </appSettings>
  <nlog xmlns="http://www.nlog-project.org/schemas/NLog.xsd" xmlns:xsi="http://
www.w3.org/2001/XMLSchema-instance">
    <!-- the targets to write to -->
    <targets>
      <target xsi:type="File" name="logfile" encoding="unicodeFFFFE" writeBom="true"
archiveAboveSize="5242880"
        archiveFileName="C:\ERS\LogFiles\ProLawTools.{###}"
archiveNumbering="Rolling" maxArchiveFiles="10"
        fileName="C:\ERS\LogFiles\ProLawTools.log" openFileCacheTimeout="30"
optimizeBufferReuse="true" autoFlush="true"
        layout="${longdate} [{threadid}] ${level:padding=-5} ${logger} [{ndc}]
- ${message}"/>
    </targets>

    <!-- rules to map from logger name to target -->
    <rules>
      <!--All logs, including from Microsoft-->
      <logger name="*" minlevel="Error" writeTo="logfile"/>
    </rules>
  </nlog>

  <!--
```

Subdirectory structure example #1:

```
<add key="DocSubDir1" value="matterid" />
  <add key="DocSubDir2" value="" />
  <add key="DocSubDir3" value="" />
```

Subdirectory structure example #2:

```
<add key="DocSubDir1" value="clientid" />
  <add key="DocSubDir2" value="matterid" />
  <add key="DocSubDir3" value="DocumentClass" />
```

Available values in upload directory path:

```
AreaOfLaw
  Application
  AuthorName
  AuthorInitials
  ClientId
  ClientSort
```

```

    Department
    Description
    DocumentClass
    DocumentName
    DocumentSubClass
    DocumentType
    DocumentVersion
    MatterId
    MatterDescription
    OperatorDomain
    OperatorInitials
    OperatorName
    Root
  -->
<startup><supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.8" /></startup>
<runtime>
  <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
    <dependentAssembly>
      <assemblyIdentity name="Copitrak.LibUtility" publicKeyToken="22b58a53c604d95a"
culture="neutral" />
      <bindingRedirect oldVersion="0.0.0.0-2.0.71.0" newVersion="2.0.71.0" />
    </dependentAssembly>
  </assemblyBinding>
</runtime>
</configuration>

```

Application setting attributes

Key attribute with defaults	Definition/Use	Values	Actions
"ConfigFileVersion" value="2.0.5"	Identifies the config file version, used to check compatibility with the installed version of the DMS connector.	Fixed value, do not change	
"ProLawSoftwareVersion" value="17"		Fixed value, do not change	
"ProLawDbInternalSiteName" value=" SiteNameFromProLawIncrementsTable "	Internal site name of the Copitrak DB server	Set by ProLaw Configurator program	
"DmsDbServerName" value="ProLawServerName"	Name of the ProLaw database server	Set by ProLaw Configurator program	
"DmsDbName" value=""	Name of the database containing all ProLaw data	Set by ProLaw Configurator program	
"DmsDbUserName" value="sa"	ProLaw database user name.	Set by ProLaw Configurator program	
"DmsDbUserPswd" value="..."	Password is entered via ProLaw Configurator program and is stored encrypted in the INI file.	Set by ProLaw Configurator program	
"DmsDbConnTimeoutSecs" value="30"		Default value	

Key attribute with defaults	Definition/Use	Values	Actions
"UploadPathRoot" value=" \\ProLawServerName\Scanned \Documents"	Path on the ProLaw server for scanned document upload.		
"DocSubDir1" value="matterid"	Should be configured according the customer folder structure.	Configure manually	
"DocSubDir2" value=""	Should be configured according the customer folder structure.	Configure manually	
"DocSubDir3" value=""	Should be configured according the customer folder structure.	Configure manually	
"BrowseDocTypeOrDocEventClass" value="DocEventClass"	Sets the preferred workflow to DocType or DocEventClass.	Set by ProLaw Configurator program	
"DocType" value="GENERAL4"	If BrowseDocTypeOrDocEventClass is set to DocType, then DocType needs to be configured to point to eventDesc.	Fixed value, do not change.	
"DocEventClass" value="GENERAL5"	If BrowseDocTypeOrDocEventClass is set to DocEventClass, then DocEventClass needs to be configured to point to eventDesc.	Fixed value, do not change.	
"DocNotes" value="GENERAL16"		Fixed value, do not change.	
"AddRelatedContacts" value="true"	Matter has related contacts which are tagged to scan document.	Fixed value, do not change	
"AddToBuddyMatter" value="true"	Scanned document is tagged with a secondary matter if available.	Fixed value, do not change	
"UseILSKeyFromMatter" value="true"	Enables Item Level Security feature. This feature requires customization from development before enabling.		Default to false
"NoNoteSize" value="true"	Deprecated feature, do not use.	Fixed value, do not change	
"NoCustomGuid" value="true"	Set to true to use ProLaw system guid.	Fixed value, do not change	
"Client" value="Client"			

Key attribute with defaults	Definition/Use	Values	Actions
"Matter" value= "Client +ClientMatterSplitter+Matter"			
"ClientMatterSplitter" value="-"			
"MatterLength" value="0"			
"Trim Filler" value="0"			
"UserProfile" value="ProLaw"		Fixed value, do not change	
"UserProfilesFile" value="c:\ers\server\general.dat"		Fixed value, do not change	
"ProfessionalIndex" value=""			
"ProfessionalID" value=""			
"SmtpHost" value=""			
"Subject" value="Your scan has been profiled"			
"BodySuccess" value=""			
"BodyFailed" value=""			
"ClientSettingsProvider.ServiceUri" value=""			
"ClientSort" value="true"	Deprecated feature, to be removed		

ProLawHelper.dll.config file v2.0.5

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <configSections>
    <section name="nlog" type="NLog.Config.ConfigSectionHandler, NLog"/>
  </configSections>
<appSettings>
<!-- For appSettings attribute details, see the table that follows this sample -->
</appSettings>
  <nlog xmlns="http://www.nlog-project.org/schemas/NLog.xsd" xmlns:xsi="http://
www.w3.org/2001/XMLSchema-instance">
    <!-- the targets to write to -->
    <targets>
      <target xsi:type="File"
        name="logfile"
        encoding="unicodeFFFE"
        writeBom="true"
        archiveAboveSize="5242880"
        archiveFileName="C:\ERS\LogFiles\Prolaw\ProlawHelper.{###}"
        archiveNumbering="Rolling"
        maxArchiveFiles="10"
        fileName="C:\ERS\LogFiles\Prolaw\ProlawHelper.log"
        openFileCacheTimeout="30"
        optimizeBufferReuse="true">
```

```

        autoFlush="true"
        layout="${longdate} [{threadid}] ${level:padding=-5} ${logger} [{ndc}]
-   ${message}"/>
    </targets>

    <!-- rules to map from logger name to target -->
    <rules>
        <!--All logs, including from Microsoft-->
        <logger name="*" minlevel="Error" writeTo="logfile"/>
    </rules>
</nlog>

<runtime>
    <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
        <dependentAssembly>
            <assemblyIdentity name="Copitrak.LibUtility" publicKeyToken="22b58a53c604d95a"
culture="neutral" />
            <bindingRedirect oldVersion="0.0.0.0-2.0.71.0" newVersion="2.0.71.0" />
        </dependentAssembly>
        <dependentAssembly>
            <assemblyIdentity name="Copitrak.LibUtility.Windows"
publicKeyToken="c0340f85e726f130" culture="neutral" />
            <bindingRedirect oldVersion="0.0.0.0-2.0.71.0" newVersion="2.0.71.0" />
        </dependentAssembly>
        <dependentAssembly>
            <assemblyIdentity name="DMSCommon" publicKeyToken="b28e2d15771bac83"
culture="neutral" />
            <bindingRedirect oldVersion="0.0.0.0-1.3.46.0" newVersion="1.3.46.0" />
        </dependentAssembly>
    </assemblyBinding>
</runtime>
<startup><supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.8" /></
startup></configuration>

```

Application setting attributes

Key attribute with defaults	Definition/Use	Values
"BrowseDocTypeOrDocEventClasses" value=" DocEventClass"	Sets the preferred workflow to DocType or DocEventClass; values: DocType or DocEventClass.	Set by ProLaw Configurator program.
"Database" value=""	Database name.	Set by ProLaw Configurator program.
"DmsDbName" value="ProLaw"	Name of the database containing all ProLaw data.	Set by ProLaw Configurator program.
"user" value="sa"	Database user name.	Set by ProLaw Configurator program.
"password" value="..."	Password for database user name.	Set by ProLaw Configurator program.