

October 2024

## DocuPro 80000/123 - Upgrading from 80000/121

The 123 upgrade for DocuPro delivers the ability to optionally specify "Revision Request button" functionality to be associated with application types; as well as the ability to optionally specify "create task at chosen status when an application is first created" functionality to be associated with application types. No changes are required to the database grants, however, there are changes to the Web.config file required to enable the functionality described above. This screenshot shows the new "Revision Request button" functionality:

**Applicant details:**

| Contact   | Name/Mailing Address                               | Contact Info                          |
|-----------|--|---------------------------------------|
| APPLICANT | WEBSTER, MAX<br>123 MAIN ST<br>ANY CITY BC V1V 2X3 | E-MAIL: tech@mp-n<br>PHONE: 604897711 |

This application is now in progress. If needed, you can submit a revision request using the Request Revision button below.

[Request Revision](#)

[Home/Sign Out](#) [?](#)

The area highlighted in green is the primary new capability. Prior to the screenshot above, the application was created with DocuPro, including the creation of a "DOCUPRO - APPLICATION CREATED" task (so that an email can be sent). Some time after the creation of the application, the folder status was set to ACTIVE in Tempest, so that if the application is again opened by the customer - they see the above screen, which allows the customer to request to submit a revision to the application.

Note that the Uploads/Downloads functionality and the Request Revision functionality is "usually" mutually exclusive. For that reason, all of the Web.config keys related to Uploads/Downloads have been "removed" in the above example. One strategy to implement the 123 functionality is to have separate DocuPro installations - one installation for the applications you wish to allow Upload/Download functionality for; and one or more installations for the applications you wish to allow Request Revision functionality for. Contact Mpowered for more information.

## Recommendations for a smooth upgrade

It is highly recommended to do these steps on your Test DocuPro system first! Once the new software has been installed, all of the new features for this update are controlled through changes to the internal Web.config file. The released Web.config file for the internal Webservices shows examples of how the new features can be implemented.

The excellent online Web.config validator at <https://elmah.io/tools/config-validator/> should be used often while you are making changes to your Web.config - it can really reduce headaches! The steps below assume that you have not made changes to the key numbering system from what Mpowered released through the previous releases. If, while going through these changes, you find your numbering doesn't match what is shown, you will have to adjust for your changes. Also, remember that Mpowered is just an email away, and we would love to help solve any issues you are having.

## Before upgrading Test - Making sure your Test DocuPro matches your Live DocuPro

If your Test system does not materially match your Live system (or you're not sure), you'll want to make sure Test matches Live. Here's one way to do that.

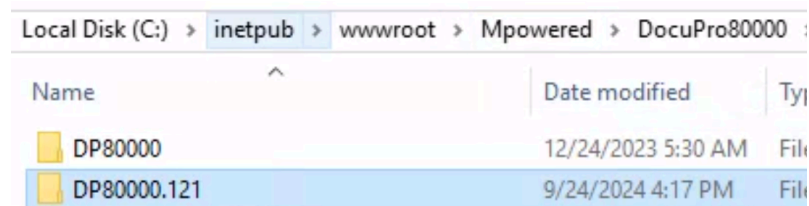
On your **external Test** web server will be a directory with the DocuPro 121 package running in it:



Local Disk (C:) > inetpub > wwwroot > Mpowered > DocuPro80000

| Name    | Date modified      | Type |
|---------|--------------------|------|
| DP80000 | 12/24/2023 5:30 AM | File |

Copy the entire directory, and rename it to DP80000.121:

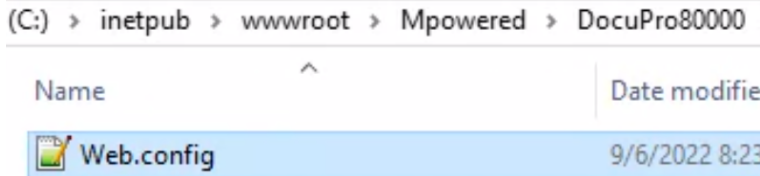


Local Disk (C:) > inetpub > wwwroot > Mpowered > DocuPro80000 :

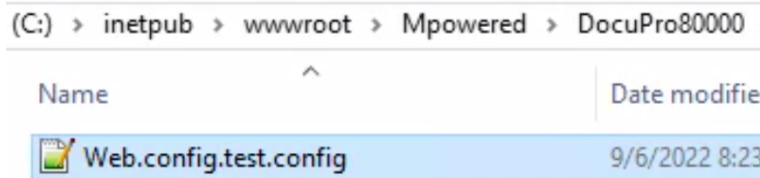
| Name        | Date modified      | Type |
|-------------|--------------------|------|
| DP80000     | 12/24/2023 5:30 AM | File |
| DP80000.121 | 9/24/2024 4:17 PM  | File |

Now we have a full backup.

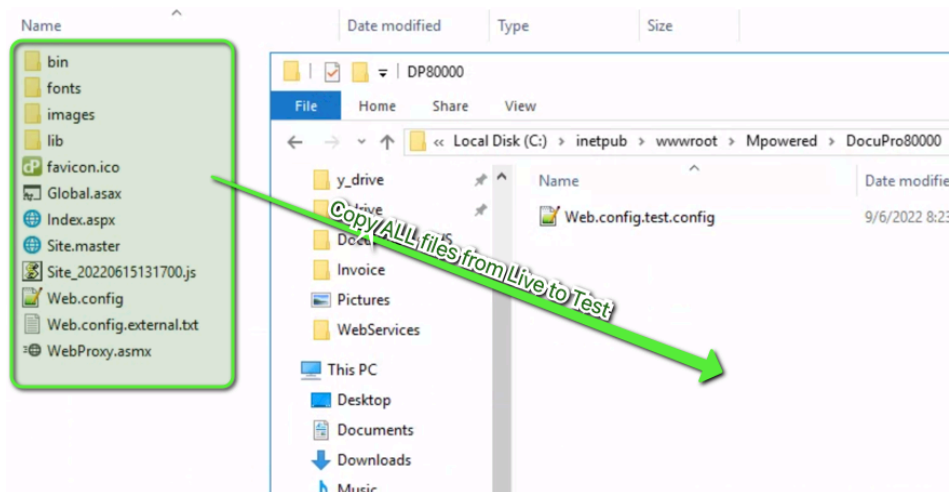
Go into the DP80000 directory, and delete all the files except the Web.config:



Rename the Web.config file to Web.config.test.config:



Now copy ALL the files from the external Live web server with the DocuPro 121 package running in it - into the Test DP80000 directory:

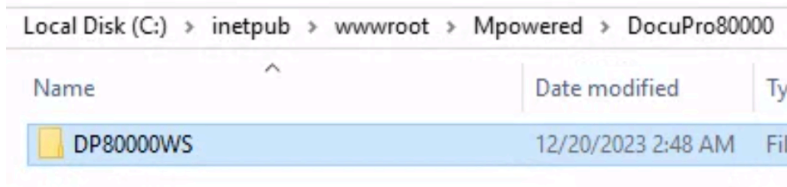


Now, open the Web.config.test.config and copy the appname and webservice key lines:

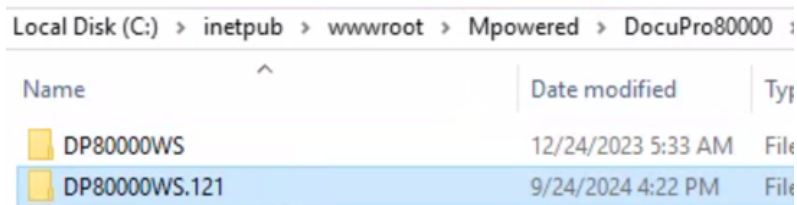
```
</system.webServer>  
<appSettings>  
<add key="appname" value="DP80000DEVCL7" />  
<add key="webservice" value="http://localhost/Mpowered
```

and paste them into the Web.config file (that came from Live) over top of the same lines. Now delete the Web.config.test.config file.

Now we're going to do a similar thing for the internal webservices. On your **internal Test** web server will be a directory with the DocuPro 121 package running in it:

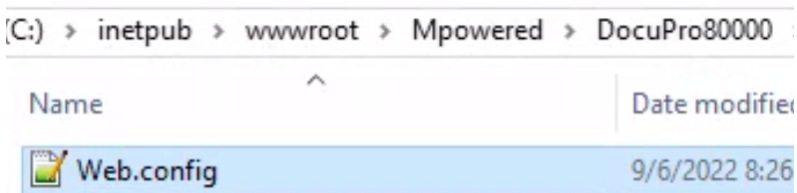


Copy the entire directory, and rename it to DP80000WS.121:

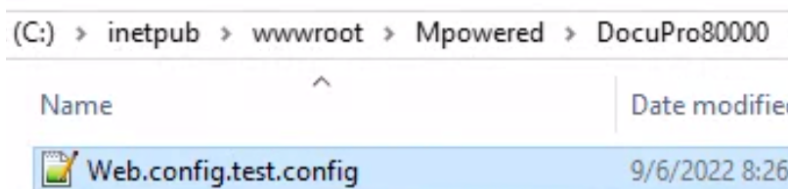


Now we have a full backup.

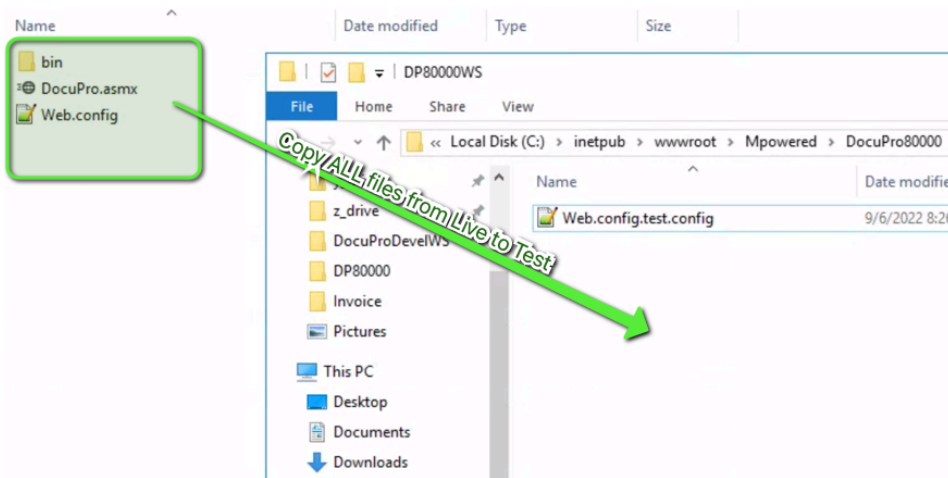
Go into the DP80000WS directory, and delete all the files except the Web.config:



Rename the Web.config file to Web.config.test.config:



Now copy ALL the files from the **internal Live** web server with the DocuPro 119 package running in it - into the Test DP80000WS directory:

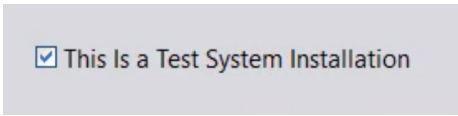


Now, open the Web.config.test.config and copy the lines shown here:

```
</system.webServer>
<connectionStrings>
  <add name="MpoweredSQL" connectionString="Server=localhost" />
</connectionStrings>
<appSettings>
  <add key="dsn" value="MpoweredSQL" />
</appSettings>
</configuration>
```

and paste them into the Web.config file (that came from Live) over top of the same lines. Now delete the Web.config.test.config file.

These keys in the Web.config are significant with regards to Live/Test DocuPro knows it is connected to a Test database when the Test flag is turned on:



in Tempest > Tools > Configuration > Database > Change System Details.

For emails, app-725.015 and app-725.017 keys are used when it's a Test database: For applications that handle ecom payments, app-740.560 is used for Live and app-740.561 is used for Test. This allows you to modify and test the Web.config in Test, and then (provided your Prospero setup is the same in the Test/Live databases) copy the tested Web.config over to Live without making any changes, and DocuPro will know to use the Live keys.

If you run the Test DocuPro site now, you should see the DocuPro Home page come up, with the "Connected to a Tempest TEST database" notification, and the bottom version line showing 800.nn.121.1319.2517:

**DocuPro** Cost-effective eApply by Mpowered. This one app can handle ALL of your eApply needs! www.mpowered.biz

Connected to a Tempest TEST database.

**Application Portal Home** 🏠

Welcome to Mpowered's application portal. You can create new applications and upload supporting documents. To create a new application, you must have access to the email address you supply at the start of the process. For general questions, please contact 604-897-7112

Create a new Application

Access an existing Application/Folder

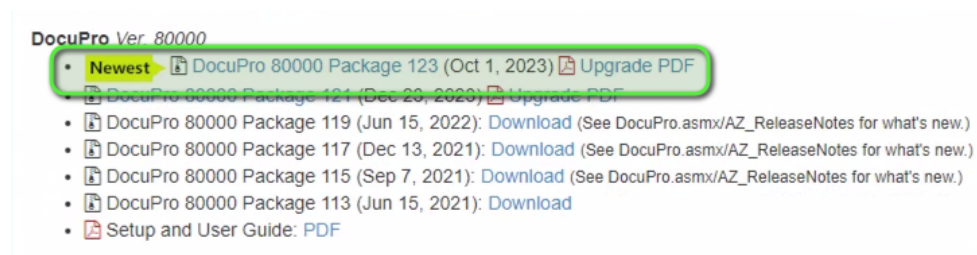
DocuPro  
Copyright © 2021-2024 Mpowered Ventures Ltd.  
800.nn.121.1319.2517

The important part of the version line is the 121.1319.2517. 121 is the package number, 1319 is the client build #, and 2517 is the web services build number. Now, we have ensured that our Test DocuPro matches our Live DocuPro, but is connected to a Test Tempest database, so we can proceed with the upgrade steps shown next.

If your package number in Test is not 121 then you will need to update from whatever package you are on, to package 121 first. Keep track of the steps you use to update to package 121, because you will need to do the same in Live when you are ready to update it.

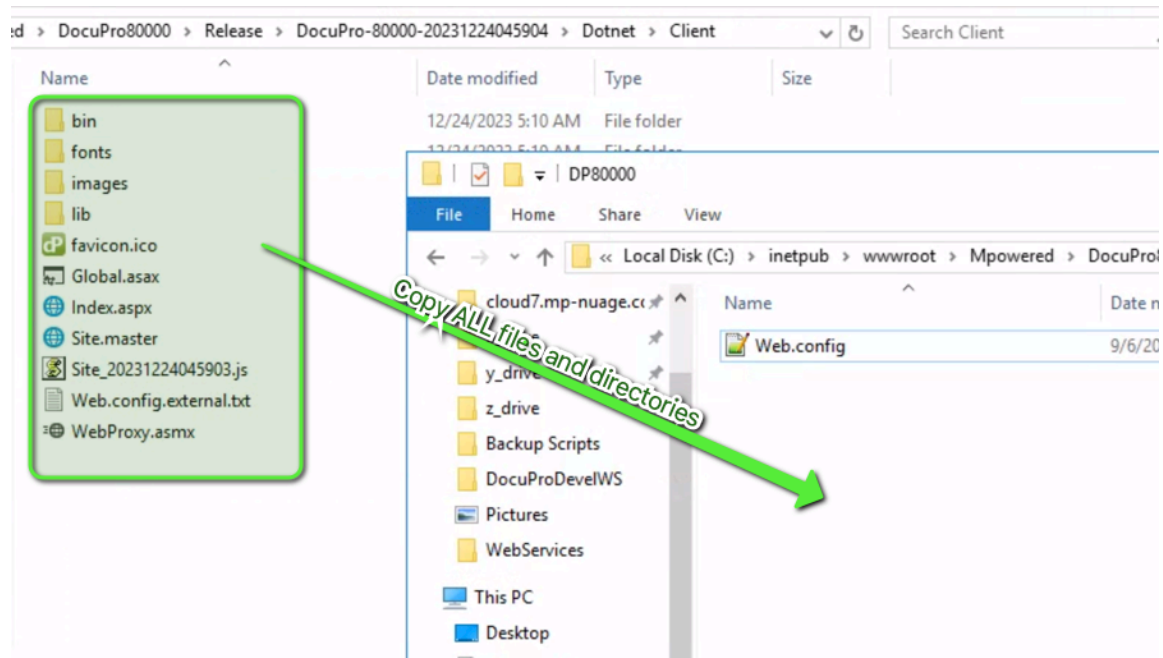
## Installing the 123 update files into Test

On the mpowered.biz website, under Downloads, you will find DocuPro 80000 Package 123:



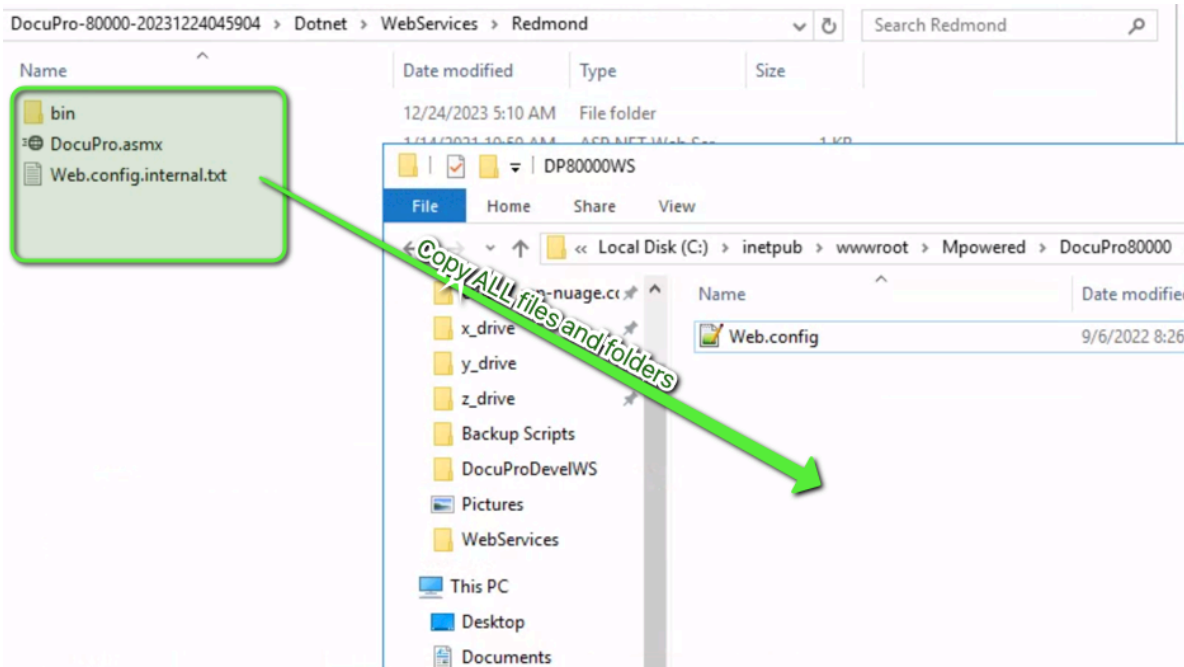
Download the zip package. There are no new grants required for this update, so the database does not need any modifications. Unzip the package into a location where you will be able to copy the files to your internal and external Test DocuPro websites. After unzipping, under the \Dotnet directory, you will find \Client and \WebServices directories.

Let's start with the \Client directory. On your external Test DocuPro website, delete all the files, **except Web.config**. Then copy All the files and directories from the \Client directory over to your external Test DocuPro website:



That's it for the client side.

Now for the \WebServices. On your internal Test DocuPro website, delete all the files, **except Web.config**. Then copy All the files from the \WebServices\Redmond directory over to your internal Test DocuPro website:



If you run your Test DocuPro now, you will see:

The screenshot shows the DocuPro application portal. At the top, there is a blue header with the DocuPro logo and the text "Cost-effective eApply by Mpowered. This one app can handle ALL of your eApply needs!" and the website "www.mpowered.biz". Below the header is a yellow banner that says "Connected to a Tempest TEST database." The main content area has a blue header "Application Portal Home" with a house icon. Below this is a white box with a blue border containing the text: "Welcome to Mpowered's application portal. You can create new applications and upload supporting documents. To create a new application, you must have access to the email address you supply at the start of the process. For general questions, please contact 604-897-7112". There are two green buttons: "Create a new Application" and "Access an existing Application/Folder". At the bottom of the page, there is a footer with "DocuPro", "Copyright © 2021-2024 Mpowered Ventures Ltd.", and "800.522.123.1365.2637" where the version number is circled in green.

The version line now shows: ...123.1365.2637 indicating that we have successfully updated DocuPro to package 123.

The 123 update will run using the 121 Web.config as is without any modifications. You only need to continue through this document if you want the new features in package 123: the ability to optionally specify "Revision Request button" functionality to be associated with application types; as well as the ability to optionally specify "create task at status when an application is first created" functionality to be associated with application types.

If you skipped installing update 121, and you run your Test DocuPro you get:

```
ERROR: appSetting(s) missing in Web.config: app-740.180,
app-740.185, app-740.186, app-740.187 (in dp_procmain) []
```

This error arises because there are changes required to the Web.config to make it compatible with the 121 update.

If you need the "Requested supporting documents" functionality introduced in the 121 update, then you should go back and do the 121 upgrade. Otherwise, you can fix the issue easily by copying app-740.180, app-740.185, app-740.186, app-740.187 lines from the released Web.config.internal.txt file, and paste them in place after the app-740.170 key in your Web.config file like this:

```
<add key="app-740.160" value="Unfortunately, the file extension you chose is not accepted by our system. Our sy
<add key="app-740.170" value="Unfortunately, an error occurred while uploading your file. It may be that the fi
<add key="app-740.180" value="&lt;span class=&quot;dp-reqdocsdesc&quot;>&lt;br>Requested supporting documents:&
<add key="app-740.185" value="&lt;a href=&quot;#&quot; class=&quot;add-reqdoc-btn btn btn-warning btn-default b
<add key="app-740.186" value="&lt;a href=&quot;#&quot; class=&quot;btn btn-info btn-default btn-xs&quot; role=&
<add key="app-740.187" value="&lt;div class=&quot;modal&quot; id=&quot;dp-rdmh-@@@RD^HID@@@&quot;>&lt;div class

<!-- THIS is the MAIN config setting for configuring which applications are available - the app-740.200 setting
<!-- use AD_ConfigAndDatabaseTest AFTER EVERY CHANGE of this Web.config to make sure the app-740.200 informatio
```

Re-load the DocuPro home page, and the error condition should be resolved.

## Once you have installed the update into Test

### Demo application type

We'll demonstrate the functionality in this update using one application type in the Web.config. We'll use the "BUILDING - Test Update 123" application type as shown below:

```
<!-- THIS is the MAIN config setting for configuring which appli
<!-- use AD_ConfigAndDatabaseTest AFTER EVERY CHANGE of this Web
<!-- if app-740.110 above is set to ALLOW, and there is no app-7
<!-- if the app-740.200 below does not have a valid appsetting k
<add key="app-740.200" value="&lt;root>&lt;xrefs>
&lt;x dptype="&quot;BUILDING - Test Update 123&quot; dpphone=
&lt;x dptype="&quot;BUILDING - Residential&quot; dpphone="&quot;
&lt;x dptype="&quot;BUILDING - Commercial&quot; dpphone="&quot;
&lt;x dptype="&quot;BUILDING - Industrial (allows no prop)&quot;
```

### Adding "create task at status when an application is first created" functionality

To start, we will add the "create task at status when an application is first created" functionality to the "BUILDING - Test Update 123" application type. Somewhere on the application definition line or at the end of the line, we add a new attribute "dptaskoncreate="&quot;app-740.275&quot;" like this:

```
t; dptaskoncreate="&quot;app-740.275&quot; apps
ppstngfidrtask="&quot;app-740.261&quot; appstng
tr=51drtask; f=st=740.261&quot; appstng
```

app-740.275 is a reference to a key that contains the definition of the task and status we want to create at folder creation. app-740.275 was chosen semi-randomly - it happens to be a spot in the Web.config where we have some room to add new keys.

Now, let's add the app-740.275 key:

```
<add key="app-740.263" value="STD APPLICATION FEE $50"
<add key="app-740.264" value="STD APPLICATION FEE $75"

<!-- taskname, taskstat - this task will be created as
<add key="app-740.275" value="&lt;root>&lt;taskoncreate
```

It's tucked in under the app-740.264 key in this case, but you can add it anywhere in the app-740 section you have a bit of room. The full text of the key looks like this:

```
<add key="app-740.275" value="&lt;root>&lt;taskoncreate taskname="&quot;DOCUPRO -
APPLICATION CREATED&quot; taskstat="&quot;COMPLETED&quot; />&lt;/root>" />
```

taskname = the task you want to create in Tempest at the creation of the application. This task must exist and the DocuPro user/group must have "maintain" security to it.

taskstat = the status you want to set the task to. This status can have any automation that Tempest supports attached to it, including "Send Email using Template" on the Function Item: "TASK STATUS CHANGED".

After doing a successful AD\_ConfigAndDatabaseTest, we're good to go. Now whenever we create an application of type "BUILDING - Test Update 123", a DOCUPRO - APPLICATION CREATED task is created and set to status COMPLETED.

### Adding "Revision Request button" functionality

Now, we will add the "Revision Request button" functionality to the "BUILDING - Test Update 123" application type. Somewhere on the application definition line or at the end of the line, we add a new attribute "dpreqrev=&quot;app-740.280&quot;," like this:

```
t;&quot;; dpreqrev=&quot;app-740.280&quot;; />
```

app-740.280 is a reference to a key that contains the definition of how we want Request Revision to work. app-740.280 was chosen semi-randomly - it again happens to be a spot in the Web.config where we have some room to add new keys.

Now, let's add the app-740.280 key:

```
<!-- taskname, taskstat - this task will be created as the folder is  
<add key="app-740.275" value="&lt;root>&lt;taskoncreate taskname=&quot;  
<add key="app-740.280" value="&lt;root>&lt;reqrev  
  buttontext=&quot;Request Revision&quot;;  
  showonfldrstats=&quot;ACTIVE,STOP WORK&quot;;  
  taskname=&quot;DOCUPRO - REVISION REQUESTED&quot;;  
  taskstat1=&quot;IN-PROGRESS&quot;;  
  taskstat2=&quot;COMPLETED&quot;;  
>&lt;/root>" />  
<add key="app-740.280A" value="&lt;br>&lt;div class=&quot;panel panel  
<add key="app-740.280C" value="Revision Request of @@@act_start@@@ is  
<add key="app-740.280D" value="Rats, we experienced a slight glitch a  
<add key="app-740.280E" value="Thank you, this application has been r  
<add key="app-740.280E2" value="To submit a revision request for this  
<add key="app-740.280E5" value="This application is now in progress.  
<add key="app-740.280F" value="&lt;br>After the City processes this r  
<add key="app-740.280G" value="&lt;br>The City has processed the most  
<add key="app-740.280T" value="&lt;br>&lt;a href=&quot;#&quot; class=  
<!-- in the console use $('#dp-pgaction-reqrev').modal('show'); to di  
<add key="app-740.280U" value="&lt;div class=&quot;modal&quot; id=&quot;  
<add key="app-740.280Z" value="&lt;/div>&lt;/div>&lt;/span>" />
```

We've put it under the app-740.275 key in this case, but you can add it anywhere in the app-740 section you have a bit of room. The additional app-740.280xx keys shown in the screenshot are also required, and form the bulk of the HTML visual elements. To save time, copy all of the app-740.280xx keys shown above from the released Web.config.internal.txt file, and modify to suit your needs.

The app-740.280 key defines the name of the button, which folder statuses to show the button on, which task and status DocuPro will create when the Request Revision button is clicked (taskname/taskstat1), and what status the City must set the task to in order to indicate that they have completed the internal Request Revision process (taskname/taskstat2).

Do a successful AD\_ConfigAndDatabaseTest.

One last change needs to happen. In the page 040 definition keys, we need a new key containing the @@@REQREV\_SECTION@@@ replacement variable:

```
<add key="app-040.060" value="&lt;br&gt;&lt;br&gt;Applicant details:&lt;br&gt;" />
<add key="app-04X.069A" value="&lt;span class=&quot;dp-attach-s" />
<add key="app-04X.069B" value="@@@REQDOCS_SECTION@@@" /> <!-- r
<add key="app-04X.069C" value="&lt;div class=&quot;modal&quot;
<add key="app-04X.069D" value="&lt;div style=&quot;display:none
<add key="app-04X.069E" value="&lt;div id=&quot;add-reqdocs-fir
<add key="app-04X.070" value="&lt;br&gt;&lt;br&gt;Uploaded documents:
<add key="app-04X.073" value="&lt;div class=&quot;modal&quot; i
<add key="app-04X.075" value="&lt;div style=&quot;display:none;
<add key="app-04X.090" value="&lt;div class=&quot;modal&quot; i
<add key="app-04X.120" value="@@@DOWNLOADS_SECTION@@@" /> <!--
<add key="app-040.130" value="@@@REQREV_SECTION@@@" /> <!-- rep
<add key="app-040.190" value="&lt;br&gt;&lt;br&gt;&lt;a href=&quot;#&
<add key="app-040.195" value="&lt;div class=&quot;modal&quot; i
<add key="app-040.200" value="&lt;/span&gt;" />
<add key="app-04X.210" value="&lt;span class=&quot;dp-attach-st
<add key="app-04X.220" value="&lt;br&gt;&lt;div class=&quot;&quot;
<add key="app-04X.230" value="&lt;br&gt;&lt;input type=&quot;submi
<add key="app-04X.240" value="&amp;nbsp;&nbsp;&nbsp;&lt;a href=&
<add key="app-04X.250" value="&lt;/form&gt;&lt;br&gt;&lt;div id=&quot;
<add key="app-040.400" value="&lt;br&gt;&lt;br&gt;" />
<add key="app-040.900" value="&lt;/div&gt;&lt;/div&gt;" />
```

We have added this key as app-040.130 as shown above. Note that we have also X'd out the keys pertaining to Uploads, Requested Docs, and Downloads. This is not required for Request Revision to work, - but for this DocuPro installation, we want to focus on Request Revision functionality.

We're ready to test it!

So, let's test the installation by creating a new "BUILDING - Test Update 123" application.

The screenshot displays a web application interface with two main sections. On the left, the 'Application Information' panel shows details for application BP003195, including its type, contact information, and purpose. Below this, applicant details for Max Webster are listed. A green box labeled '1' highlights a confirmation message: 'Thank you, this application has been received, and the City will begin processing it.' On the right, a 'Timeline' view shows a list of tasks. A green box labeled '2' highlights the first task: 'DOCUPRO - APPLICATION CREATED' with a status of 'COMPLETED'.

**Application Information**

Application Number: BP003195  
Application Type: BUILDING - Test Update 123  
Questions/Make Changes: 604-925-7040  
Property address: 11563 83A AVE  
Application Purpose: Test DP update 123

**Applicant details:**

| Contact   | Name/Mailing Address                               | Contact Info                          |
|-----------|--|---------------------------------------|
| APPLICANT | WEBSTER, MAX<br>123 MAIN ST<br>ANY CITY BC V1V 2X3 | E-MAIL: tech@mp-r<br>PHONE: 604897711 |

Thank you, this application has been received, and the City will begin processing it. **1**

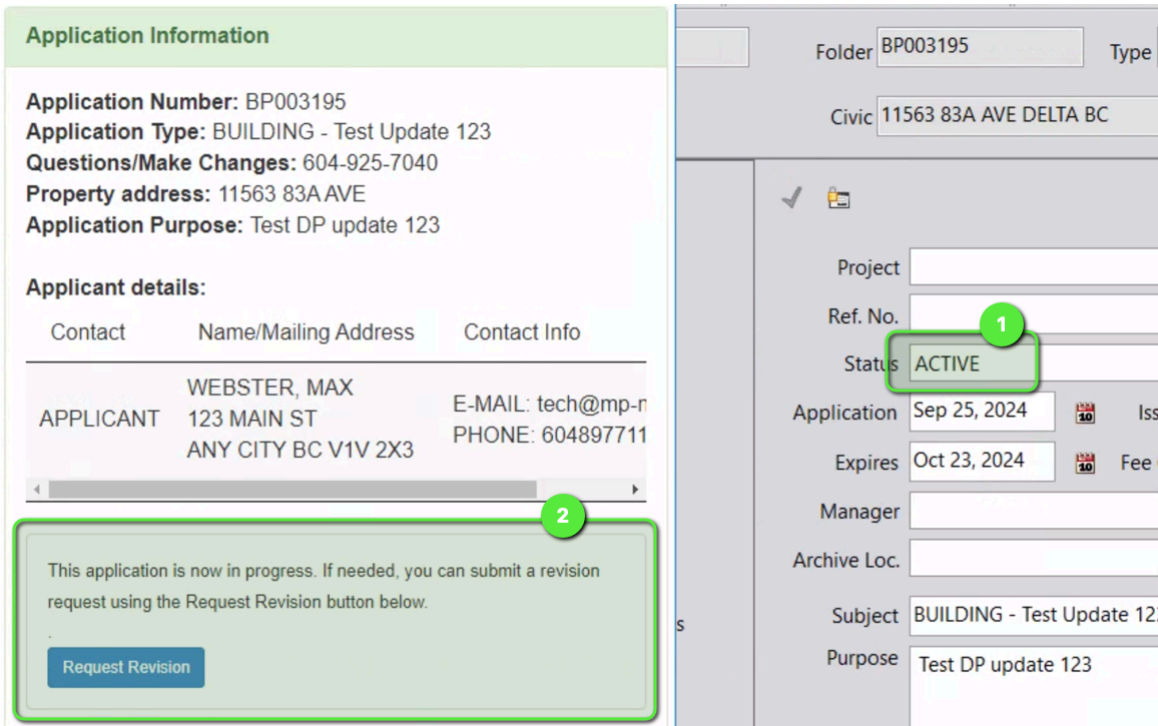
Folder: BP003195 Type: RESIDENTIAL-SFD  
Civic: 11563 83A AVE DELTA BC

View Method: Timeline

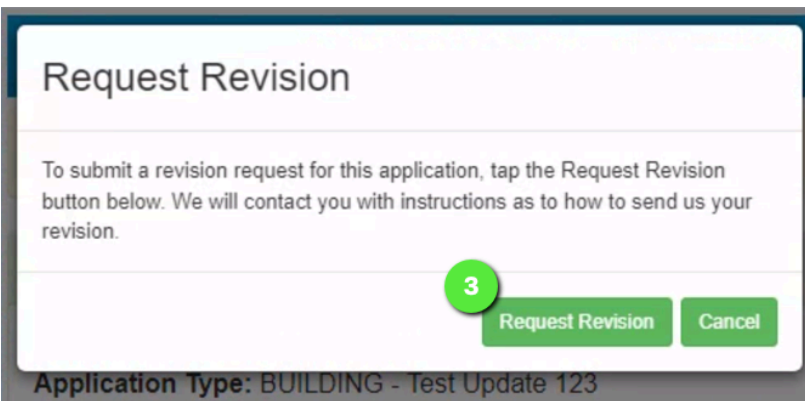
| # | C      | Category | Task Name                     | Status             |
|---|--------|----------|-------------------------------|--------------------|
| 1 | 001.10 | ADMIN    | DOCUPRO - APPLICATION CREATED | COMPLETED <b>2</b> |
| 2 | 001.00 | PRELIM   | APPLICATION RECEIVED          |                    |
| 3 | 002.00 | REFER    | UTILITY RATES & BILLING       |                    |
| 4 | 003.00 | REFER    | LOT DRAINAGE/SERVICES REVIEW  |                    |
| 5 | 004.00 | PRELIM   | PLAN REVIEW                   |                    |
| 6 | 005.00 | PRELIM   | APPLICANT PAYMENT             |                    |
| 7 | 005.10 | REFER    | INSPECTIONS WORKORDER         |                    |
| 8 | 005.20 | REFER    | STREET TREE(S)                |                    |
| 9 | 005.50 | INSPECT  | SITE                          |                    |

After creating the application, the folder is in the initial status RECEIVED, and so in (1) it is displaying the HTML in the app-740.280E key. And, because we wanted the task created at folder creation, that was created (2).

Now, someone at the City would have received an email (if the TASK STATUS CHANGED email template was set up), and the City can begin doing the "new folder" internal workflow (whatever that may be, and however long it might take), but crucially ending by setting the folder status to one of the statuses in the shownfldrstats attribute. We'll set the folder status to ACTIVE (1), and do a reload:



Now, because the folder status is ACTIVE, DocuPro, will show the app-740.280E5 HTML, and the Request Revision button HTML in app-740.280T. If the applicant comes back to the application in DocuPro, at any point they can tap the Request Revision button, which now pops the modal dialog defined in app-740.280U and waits for them to confirm by tapping the confirm button (3):



Note that original request button (1), the modal title, and confirmation button (3) all use the text defined in the buttontext attribute of the app-740.280 key.

Assuming the applicant has tapped the Request Revision confirmation button, DocuPro will create the task defined in the taskname attribute of the app-740.280 key, and set the task status to the status defined in the taskstat1 attribute of the app-740.280 key (1) and automatically reload the page (2):

**Application Information**

**Application Number:** BP003195  
**Application Type:** BUILDING - Test Update 123  
**Questions/Make Changes:** 604-925-7040  
**Property address:** 11563 83A AVE  
**Application Purpose:** Test DP update 123

**Applicant details:**

| Contact   | Name/Mailing Address                               | Contact Info                          |
|-----------|--|---------------------------------------|
| APPLICANT | WEBSTER, MAX<br>123 MAIN ST<br>ANY CITY BC V1V 2X3 | E-MAIL: tech@mp-r<br>PHONE: 604897711 |

Revision Request of Sep 25, 2024 is **IN-PROGRESS** (Sep 25, 2024) 2

After the City processes this request, an email with further instructions will be sent to the registered Applicant.

Folder BP003195
Type RESIDENTIAL-SFD

Civic 11563 83A AVE DELTA BC

View Method Timeline

| Row | #      | C       | Category                      | Task Name   | Status |
|-----|--------|---------|-------------------------------|-------------|--------|
| 1   | 001.10 | ADMIN   | DOCUPRO - APPLICATION CREATED | COMPLETED   | S      |
| 2   | 001.20 | ADMIN   | DOCUPRO - REVISION REQUESTED  | IN-PROGRESS | S      |
| 3   | 001.00 | PRELIM  | APPLICATION RECEIVED          |             |        |
| 4   | 002.00 | REFER   | UTILITY RATES & BILLING       |             |        |
| 5   | 003.00 | REFER   | LOT DRAINAGE/SERVICES REVIEW  |             |        |
| 6   | 004.00 | PRELIM  | PLAN REVIEW                   |             |        |
| 7   | 005.00 | PRELIM  | APPLICANT PAYMENT             |             |        |
| 8   | 005.10 | REFER   | INSPECTIONS WORKORDER         |             |        |
| 9   | 005.20 | REFER   | STREET TREE(S)                |             |        |
| 10  | 005.50 | INSPECT | SITE                          |             |        |
| 11  | 006.00 | INSPECT | FORMS                         |             |        |

When DocuPro reloads the page, it now sees the "DOCUPRO - REVISION REQUESTED" task there at status IN-PROGRESS, and displays the HTML in the app-740.280C key doing the replacement variable replacements found there. Additionally, DocuPro knows that this task is at the task status as defined in the taskstat1 attribute of the app-740.280 key, so the button is not displayed, rather the HTML in the app-740.280F key.

Now, someone at the City would have received an email (if the TASK STATUS CHANGED email template was set up), and the City can begin doing the "revision request" internal workflow (whatever that may be, and however long it might take), and crucially ending by setting the task status to the taskstat2 attribute, which, in our current config, is COMPLETED (1):

**Application Information**

Application Number: BP003195  
 Application Type: BUILDING - Test Update 123  
 Questions/Make Changes: 604-925-7040  
 Property address: 11563 83A AVE  
 Application Purpose: Test DP update 123

**Applicant details:**

| Contact   | Name/Mailing Address                               | Contact Info                     |
|-----------|--|----------------------------------|
| APPLICANT | WEBSTER, MAX<br>123 MAIN ST<br>ANY CITY BC V1V 2X3 | E-MAIL: tech@m<br>PHONE: 6048977 |

Revision Request of Sep 25, 2024 is COMPLETED (Sep 25, 2024)

The City has processed the most recent revision request. Please see the instructions in the email sent to the registered Applicant.

[Request Revision](#)

Folder: BP003195 Type: RESIDENTIAL-SFD  
 Civic: 11563 83A AVE DELTA BC

| Row | #      | C       | Category                      | Task Name                     | Status    |
|-----|--------|---------|-------------------------------|-------------------------------|-----------|
| 1   | 001.10 | ADMIN   | DOCUPRO - APPLICATION CREATED | DOCUPRO - APPLICATION CREATED | COMPLETED |
| 2   | 001.20 | ADMIN   | DOCUPRO - REVISION REQUESTED  | DOCUPRO - REVISION REQUESTED  | COMPLETED |
| 3   | 001.00 | PRELIM  | APPLICATION RECEIVED          | APPLICATION RECEIVED          |           |
| 4   | 002.00 | REFER   | UTILITY RATES & BILLING       | UTILITY RATES & BILLING       |           |
| 5   | 003.00 | REFER   | LOT DRAINAGE/SERVICES REVIEW  | LOT DRAINAGE/SERVICES REVIEW  |           |
| 6   | 004.00 | PRELIM  | PLAN REVIEW                   | PLAN REVIEW                   |           |
| 7   | 005.00 | PRELIM  | APPLICANT PAYMENT             | APPLICANT PAYMENT             |           |
| 8   | 005.10 | REFER   | INSPECTIONS WORKORDER         | INSPECTIONS WORKORDER         |           |
| 9   | 005.20 | REFER   | STREET TREE(S)                | STREET TREE(S)                |           |
| 10  | 005.50 | INSPECT | SITE                          | SITE                          |           |
| 11  | 006.00 | INSPECT | FORMS                         | FORMS                         |           |
| 12  | 007.00 | INSPECT | DRAIN TILE/RWL                | DRAIN TILE/RWL                |           |

If the applicant now reloads the application in DocuPro, they see that their request is completed, along with the HTML in the app-740.280G key, and they can at any time request another revision (2).

There is no limit to the number of revision requests that DocuPro will handle for an application. All requests are recorded as tasks, and will display in date order.

Error handling. If the task is set to a status other than one of the statuses defined in taskstat1 or taskstat2, and the application is loaded in DocuPro, an email will be sent to the email address as defined in the app-000.090 key, and DocuPro will display the HTML in the app-740.280D key. It is advised that the statuses on the task be limited to the 2 defined in taskstat1 and taskstat2 to avoid issues. Here is an example of that situation:

Revision Request of Sep 25, 2024 is FAILED (Sep 25, 2024)

Rats, we experienced a slight glitch and we will work to find a solution. Please be patient, and try loading this application again later.

## Going forward

Now, you will/may need to modify the Web.config to your liking. Decide on which (if any) application types you want to have DocuPro add a task on creation and add the `dptaskoncreate="app-740.275"` attribute (or similar). Then, decide on which (if any) application type you want DocuPro to add Request Revision functionality and add the `dpreqrev="app-740.280"` attribute (or similar). Also, review the wording of the new keys in the `app-740.280xx` range added in this update.

After you have made your changes, and tested everything, you should be able to perform the upgrade on Live (using a similar "delete-everything-except-the-Web.config-file and then copy the new files" process as we did for Test), and then just copy the Test Web.config over to Live. Make sure you do a little bit of smoke testing in Live to make sure that applications are loading, etc.

Any questions? Please contact us at [info@powered.biz](mailto:info@powered.biz) or [marc@powered.biz](mailto:marc@powered.biz)