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FieldBlade

Version 80000

Quick Installation  
And  
User's Guide

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# What's New for 80000

We've given FieldBlade a whole new look! Its been 9 years since FieldBlade was first introduced, and it has seen a lot of changes. As part of the celebration - and to coincide with Tempest 8 (aka Apollo) - we've completely upgraded FieldBlade using a clean layout, larger fonts, modern display widgets, and a fully responsive design. We hope you like it as much as we did creating it for you. Here are some examples of the new look:

FieldBlade Home

- Search by House Number
- Search by Street
- Search by Prospero Folder Number
- Display Prospero Folders with Task(s) sched for today
- Search by Dog Tag Number (Old & Current)
- Search by Licensing Name

Home Logout

GEORGE : FieldBladeDevel : 80000 : MpoweredORA  
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Search for House Number

**House number:**

Home Logout

GEORGE : FieldBladeDevel : 80000 : MpoweredORA  
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Licences blade added Now you can see Licences attached to any property, or by searching directly by name and get an in-depth details page – a sample is shown below. Licences directly supersedes Business Licences, and is a free upgrade for existing Business blade users.

| Blade details                                      |  |
|--|--|
| Prop Address:                                      | 3932 200 ST  |
| Prop Type:   | LAND   Folio: 0058612008   |
| PID:   | 005-220-203   Plan: 54198   Lot: 438   |
| <b>Licensing Account No. / Account Balance</b>     | 10007 / 0.00   |
| <b>Licencee Name / Address</b>                     | AXROND CONSTRUCTION INC. / RR 2 SITE 17 BOX 7<br>BLUE BEAR COUNTY AB T4N 5E2 |
| <b>Trade Name / Address</b>                        | AXROND CONSTRUCTION INC. / RR 2 SITE 17 BOX 7<br>BLUE BEAR COUNTY AB T4N 5E2 |
| <b>Trade Status / Civic Address</b>                | OPEN / 3932 200 ST LANGLEY BC V3A 1K5  |
| <b>Home Based / Inter-Municipal / Non-Resident</b> | No / No / No   |
| <b>Licence Number / Status / Description</b>       | 00002007 / APPROVED / GENERAL CONTRACTOR                                     |
| <b>Licence Approved / Issued</b>                   | Apr 08, 2015 / Apr 08, 2015  |
| <b>Licence Covers From / To / Style</b>            | Jan 01, 2016 / Dec 31, 2016 / RENEWABLE                                      |
| <b>License Outstanding / Annual Fee</b>            | 0.00 / 7.47  |



Documentation changes indicated with teal arrow. Now you can see what has changed in this document by looking for the teal arrows. This saves existing users time having to read the entire document looking for changes!

Upgrading from a previous version? See the Upgrade Notes at the end of this document for helpful advice.

# 1. Installing FieldBlade

## System Requirements

### Web Services:

- Requires an IIS server, running ColdFusion 8+, with a Data Source connection to the Tempest database. For Oracle, the version-appropriate JDBC driver is recommended, and for MS SQL Server use the built-in driver.

### Tempest Licences:

- Web Customer
- Other modules as desired

## Download the Install package

Go to [www.mpowered.biz](http://www.mpowered.biz) and click on Downloads. Here you will find links to various setup exes that match recent versions of Tempest. For example, if our Tempest version is 80000, we would click on the link under FieldBlade named Version 80000. This will download the exe, for example FieldBlade-80000.exe, which you can then run in order to install the package.

## The setup wizard

The setup wizard will guide you through installation, and once complete, you will have a new program group: Start > Programs > Mpowered > FieldBlade {version}. From this program group, you can access the documentation.

## Contents of the install package

On the machine you ran the install, if you browse to Program Files > Mpowered > FieldBlade-80000, you will find 2 directories:

\ColdFusion  
\Docs

## Copy the web services cfm files to your web server

Copy all the cfm files in the \ColdFusion directory to a virtual directory on your web server. The recommended location for this directory is:

C:\inetpub\wwwroot\Mpowered\FieldBlade-80000

Additionally, if this is the first time you are installing FieldBlade, you will need to also copy the file 'C:\Program Files\Mpowered\FieldBlade\controlfile.txt' to the virtual directory above.

**Note! If you already have a controlfile.txt file in the FieldBlade directory (from a previous version), do NOT overwrite it – you may lose important information.**

### **MpoweredWeb database user and permissions**

The Tempest Live and Test databases will both require a new database user – MpoweredWeb – if not already created. With your database Enterprise Manager, give the following table permissions to MpoweredWeb:

```

GRANT SELECT ON CD_CHARGES TO MPOWEREDWEB;
GRANT SELECT ON CD_CONDITIONS TO MPOWEREDWEB;
GRANT SELECT ON CD_CONDITION_CODES TO MPOWEREDWEB;
GRANT SELECT ON CD_FOLDERS TO MPOWEREDWEB;
GRANT SELECT ON CD_FOLDER_STATUS TO MPOWEREDWEB;
GRANT SELECT ON CD_FOLDER_TYPES TO MPOWEREDWEB;
GRANT SELECT ON CD_INSP_CODES TO MPOWEREDWEB;
GRANT SELECT ON CD_INSP_COMMENTS TO MPOWEREDWEB;
GRANT SELECT ON CD_SETBACK_CATEGORIES TO MPOWEREDWEB;
GRANT SELECT ON CD_SETBACK_TRANSACTIONS TO MPOWEREDWEB;
GRANT SELECT ON CD_SETBACK_TYPES TO MPOWEREDWEB;
GRANT SELECT ON CD_STAT_HOLIDAYS TO MPOWEREDWEB;
GRANT SELECT ON CD_TASKS TO MPOWEREDWEB;
GRANT UPDATE ON CD_TASKS TO MPOWEREDWEB;
GRANT SELECT ON CD_TASK_FUNCTIONS TO MPOWEREDWEB;
GRANT SELECT ON CD_TASK_INSP_CODES TO MPOWEREDWEB;
GRANT SELECT ON CD_TASK_STATUS TO MPOWEREDWEB;
GRANT SELECT ON CD_TASK_TYPES TO MPOWEREDWEB;
GRANT SELECT ON CD_VALUE_TRANSACTIONS TO MPOWEREDWEB;
GRANT SELECT ON CD_WORKFLOW TO MPOWEREDWEB;
GRANT SELECT ON DS_ACCOUNTS TO MPOWEREDWEB;
GRANT SELECT ON DS_DEPOSITS TO MPOWEREDWEB;
GRANT SELECT ON DS_TRANSACTIONS TO MPOWEREDWEB;
GRANT SELECT ON DL_ACCOUNTS TO MPOWEREDWEB;
GRANT SELECT ON DL_BREEDS TO MPOWEREDWEB;
GRANT SELECT ON DL_COLOUR_PATTERNS TO MPOWEREDWEB;
GRANT SELECT ON DL_DOGS TO MPOWEREDWEB;
GRANT SELECT ON DL_PARAMETERS TO MPOWEREDWEB;
GRANT SELECT ON DL_TAGS TO MPOWEREDWEB;
GRANT SELECT ON DL_TRANSACTIONS TO MPOWEREDWEB;
GRANT SELECT ON LAND_EQUITY TO MPOWEREDWEB;
GRANT SELECT ON LAND_LEGAL TO MPOWEREDWEB;
GRANT SELECT ON LAND_LTO TO MPOWEREDWEB;
GRANT SELECT ON LAND_NOTES TO MPOWEREDWEB;
GRANT SELECT ON LAND_NOTE_GROUPS TO MPOWEREDWEB;
GRANT SELECT ON LAND_OWNER TO MPOWEREDWEB;
GRANT SELECT ON LAND_PARAMETERS TO MPOWEREDWEB;
GRANT SELECT ON LAND_PHONE TO MPOWEREDWEB;
GRANT SELECT ON LAND_PHONE_IDENTIFIER TO MPOWEREDWEB;
GRANT SELECT ON LAND_RELATION TO MPOWEREDWEB;
GRANT SELECT ON LAND_STREETS TO MPOWEREDWEB;
GRANT SELECT ON LDV_OWNERS TO MPOWEREDWEB;
GRANT SELECT ON LS_ACCOUNTS TO MPOWEREDWEB;
GRANT SELECT ON LS_LICENCES TO MPOWEREDWEB;
GRANT SELECT ON LS_LICENCES_MOST_RECENT TO MPOWEREDWEB;
GRANT SELECT ON LS_TRADES TO MPOWEREDWEB;
GRANT SELECT ON LAND_ATTRIBUTE TO MPOWEREDWEB;
GRANT SELECT ON LAND_ATTRIB_CODES TO MPOWEREDWEB;
GRANT SELECT ON LAND_ATTRIB_VALUES TO MPOWEREDWEB;
GRANT SELECT ON LSV_TRANSACTIONS TO MPOWEREDWEB;
GRANT EXECUTE ON TDGF_LD_CIVIC_ADDRESS TO MPOWEREDWEB;
GRANT EXECUTE ON TDGF_LD_PROPERTY_NUMBER TO MPOWEREDWEB;
GRANT EXECUTE ON TDGF_LS_A_ACCT_CURR_LICENCEE TO MPOWEREDWEB;
GRANT EXECUTE ON TDGF_LS_A_ACCT_CURR_LICENCEE_M TO MPOWEREDWEB;
GRANT EXECUTE ON TDGF_LS_A_ACCT_NUMBER TO MPOWEREDWEB;

```

GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_APPROVED\_DATE TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_COVERS\_FROM\_DATE TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_COVERS\_TO\_DATE TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_DESCRIPTION TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_FEEAMOUNT TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_FEEAMOUNTOS TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_ISSUED\_DATE TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_NUMBER TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_RENEWABLE\_FLAG TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_SEASONAL\_FLAG TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_LIC\_STATUS TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_TRADE\_CURR\_TRADE TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_TRADE\_CURR\_TRADE\_M TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_TRADE\_HOME\_B\_FLAG TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_TRADE\_INTER\_M\_FLAG TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_TRADE\_MAX\_LEGAL\_ID TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_TRADE\_NON\_RES\_FLAG TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_TRADE\_STATUS TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_A\_TRADE\_TQ\_NUM TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_LS\_CATEGORY\_NAME TO MPOWEREDWEB;  
GRANT EXECUTE ON TDGF\_TL\_SECURITY\_CHECK TO MPOWEREDWEB;  
GRANT SELECT ON TD\_ATTRIBUTES TO MPOWEREDWEB;  
GRANT SELECT ON TD\_ATTRIBUTE\_TYPES TO MPOWEREDWEB;  
GRANT SELECT ON TEMPESTV\_SECURITY TO MPOWEREDWEB;  
GRANT SELECT ON TEMPESTV\_SECURITY\_ALL TO MPOWEREDWEB;  
GRANT SELECT ON TEMPEST\_CLIENT TO MPOWEREDWEB;  
GRANT SELECT ON TEMPEST\_RELEASE\_HEADER TO MPOWEREDWEB;  
GRANT SELECT ON WC\_CUSTOMERS TO MPOWEREDWEB;  
GRANT SELECT ON WC\_CUSTOMER\_NOTES TO MPOWEREDWEB;  
GRANT SELECT ON WC\_CUSTOMER\_USERS TO MPOWEREDWEB;  
GRANT INSERT ON WC\_SESSION\_HEADER TO MPOWEREDWEB;  
GRANT SELECT ON WC\_SESSION\_HEADER TO MPOWEREDWEB;  
GRANT UPDATE ON WC\_SESSION\_HEADER TO MPOWEREDWEB;

## Ensure that valid ColdFusion Data Sources exist

The installation requires two Data Sources (DSNs in ColdFusion Admin), one to the Live and Test Tempest databases logging in as the database user MpoweredWeb. Appropriate names for these Data Sources would be "MpoweredLive" and "MpoweredTest". (Note: be sure to use **JDBC** drivers in ColdFusion for Oracle by using the "other" Driver type. The Adobe ColdFusion web site has information on setting up JDBC data sources if this is your first time. SQL Server users should use the built-in Microsoft SQL Server driver.)

On your Web Server, go into the Cold Fusion Administrator, and ensure that valid (i.e. verified) Data Sources to the Tempest Live (MpoweredLive) and Test (MpoweredTest) databases exist. The UserName (under Advanced Settings for the Data Source) should be **MpoweredWeb** – do not use TempestWeb.

## Create the FieldWorksUsers customer in Web Customer

In Tempest create a FIELDWORKSUSERS customer if you do not already have one. Make the user an INTERNAL type:

The screenshot shows a web browser window titled "Web - [Customer]". The interface includes a menu bar with "Application", "Edit", "Customer", "Options", "Reports", and "Window". Below the menu is a toolbar with icons for search, refresh, and print. The main content area is divided into several sections:

- Customer Name:** A dropdown menu showing "field%" and a text input field containing "FIELDWORKSUSERS".
- Customer:** A dropdown menu showing "2" and a text input field containing "FIELDWORKSUSERS".
- Balance:** A text input field containing "0.00".
- Customer Users Notes Transactions Attachments:** A set of tabs for navigating between different views.
- Customer Information:**
  - Name:** A text input field containing "FIELDWORKSUSERS".
  - Type:** A dropdown menu showing "INTERNAL".
  - Address:** A text input field containing "N/A".
  - Expires:** A text input field.
  - AR Cust:** A dropdown menu.
  - Phone:** A text input field.
  - Fax:** A text input field.
  - I.S.P.:** A dropdown menu.
  - Warning Amount:** A text input field.
  - Override Balance Check:** A checkbox that is currently unchecked.
- Contact Information:**
  - Name:** A text input field.
  - Title:** A text input field.
  - E-Mail:** A text input field.
  - Phone:** A text input field.
  - Fax:** A text input field.

At the bottom of the window, a status bar displays the message: "Record retrieved. Last Modified: Mar 2 2005 5:42:28:470PM By TEMPEST". To the right of the status bar is a button labeled "NUM".



## Create the FIELDWORKSUSERS users in Web Customer

Create the FIELDWORKSUSERS users whose UserID corresponds to the user's actual database UserID:

| User Name      | Userid | Password | Keyword |
|----------------|--------|----------|---------|
| GEORGE RAYMOND | GEORGE | KJHS^&HJ |         |

| Display Order | Function | Description                      | Allowed                  | Free                     |
|---------------|----------|----------------------------------|--------------------------|--------------------------|
| NA            | FAXBACK  | Fax Back Tax Certificate \$15.00 | <input type="checkbox"/> | <input type="checkbox"/> |

Last Modified: Jan 20, 2005 3:03 PM By TEMPEST

In this example, we have created user GEORGE RAYMOND. George is a Tempest user, and logs into Tempest with the UserID GEORGE. You also need to set a password for GEORGE. This will be the password GEORGE will need to enter in order to log into FieldBlade. In our example, GEORGE's password is KJHS^&HJ

The users created in the FIELDWORKSUSERS customer should not have any functions turned on.

Note that the user(s) entered into FIELDWORKSUSERS for use with FieldBlade must belong to at least one Department (in the Tempest Departments program) for attribute and comment security to work properly.

## Security Nodes for FieldBlade

The blades, and details available to a user are controlled by the Tempest security nodes they have checked on. Use the Tempest security app “Tools>Roles” or “Tools>Resources” to manage these security nodes.

**1. LAND > PROGRAMS > LAND INQUIRY > View**

The node must be checked on for a user to use FieldBlade at all.

**2. CONTACT MANAGEMENT > COMPONENTS > QUERIES > CONTACTS – LAND**

Check this on to allow the user to view Land Contacts.

**3. PROSPERO > PROGRAMS > View Prospero Folders Information...**

Check this on to allow the user to use the Prospero blade.

**3. PROSPERO > FOLDER TYPES > {category} > {folder type} > View**

Check this on to allow the user to view folder details for folders in the Category.

**3. PROSPERO > FOLDER TYPES > {category} > {folder type} > TASKS > {task name} > Maintain**

Check this on to allow the user to schedule this task type.

**3. PROSPERO > FOLDER COMMENTS > {category} > View**

Check this on to allow the user to view folder comments details for comments in the Category.

**4. MPOWERED > PROGRAMS > Schedule**

Check this on to allow the user to schedule tasks within the Prospero blade.

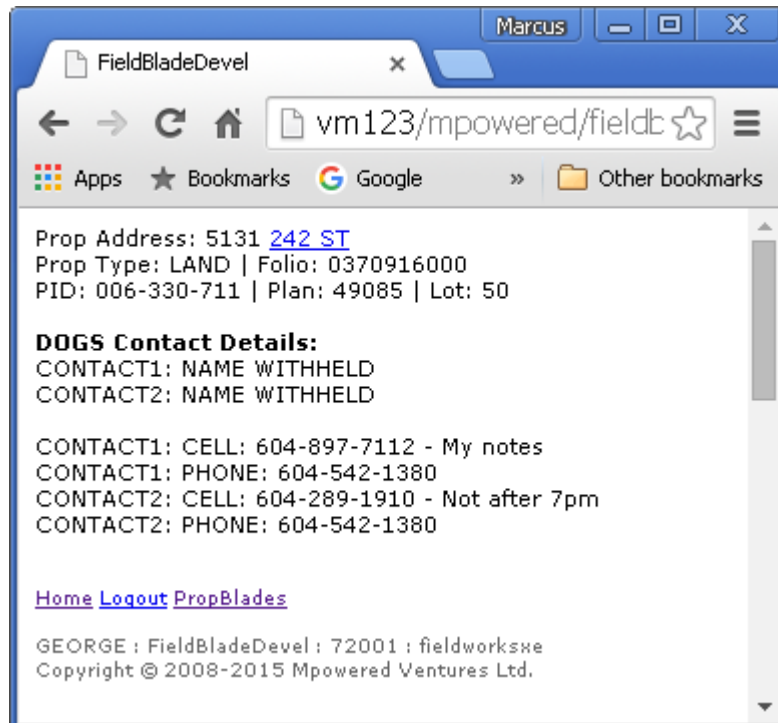
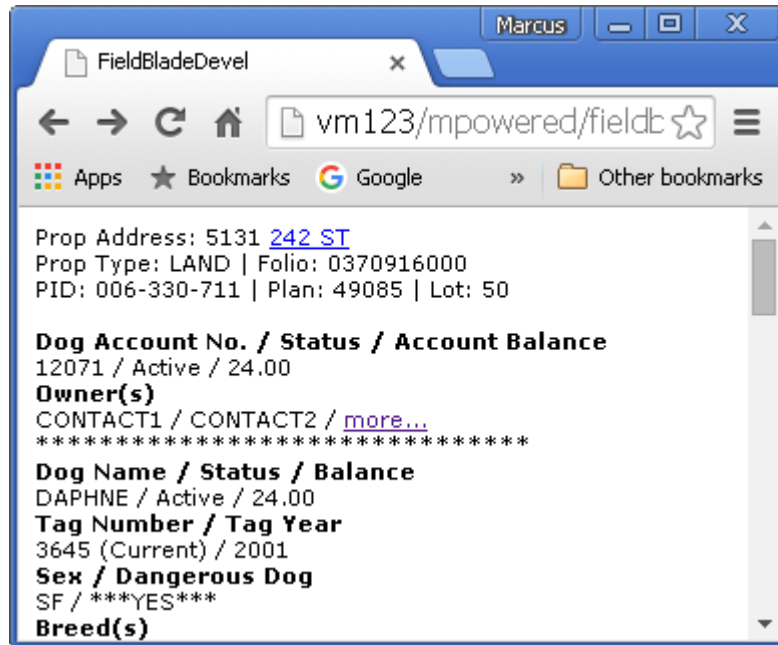
**5. DOG LICENSING > PROGRAMS > DOG LICENCES > ACCOUNTS > View**

Check this on to allow the user to use the Dogs blade.

**6. CONTACT MANAGEMENT > COMPONENTS > QUERIES > CONTACTS – DOGS**

Check this on to allow the user to view full dog account contact information (name, address and contacts). With this checked off, users will see NAME WITHHELD for the contact names, but still be able to see the contact phone numbers.

For example, if you wish to have an **external** user view dog information, but not be able to see account owner name information, you would check on items 1, and 6 above with everything else checked off:



7. LICENSING > PROGRAMS > View Licence Account information from viewers

Check this on to allow the user to use the Licensing blade.

8. LICENSING > CATEGORIES > {category} > ACCOUNTS > View

Check this on to allow the user to view account details for licences in the Category.

## Modifying the controlfile.txt file

A sample controlfile.txt file is included as part of the program install which has sample values for required settings. If this is the first time you are installing FieldBlade, you will have copied the 'controlfile.txt' file to the FieldBlade virtual directory as part of the "Copy files to a virtual directory on the Web server" step above. This file must be edited to change the DSN setting to match the DSN you created in the "Ensure that a valid ColdFusion Data Source exists" step above.

The XML string entered into the file must be formatted correctly for FieldBlade to interpret it correctly (see XML notes below). Below is the sample xml in the file:

```
<control>
    <cfappname>FieldBlade</cfappname>
    <dsn>mpoweredtest</dsn>
</control>
```

Edit the DSN setting (between <dsn> and </dsn>) if necessary and save the file. **Note: For future reference, if you have loaded any of the FieldBlade web pages in a browser, changes to the controlfile.txt will require you to restart the ColdFusion application server for those changes to come into effect.**

The <cfappname> setting controls the ColdFusion "name" for this instance of FieldBlade. For the production (daily use) instance of FieldBlade, leave the <cfappname> as defaulted - FieldBlade. This is the name shown as the page title on all Web pages for FieldBlade. When (and if) you choose to load future updates to FieldBlade in a separate Web virtual directory (for testing, etc), you would change the <cfappname> setting in the controlfile.txt file in that directory to something like "FieldBladeTest". This will distinguish the test version from the production version for your users and for ColdFusion.

There are a few other optional settings which control how FieldBlade operates, but are not required. For those settings, if a setting is not provided in the XML string, a default value is used by FieldBlade.

| Setting   | Default (if no setting given) | Allowed Range | Description                                  |
|-----------|-------------------------------|---------------|--|
| debugmode | 0                             | 0 or 1        | 0 = Debug mode is off, 1 = Debug mode is on. |

| Setting          | Default (if no setting given) | Allowed Range   | Description   |
|------------------|-------------------------------|-----------------|---|
| stprefix-splitat | 40                            | 10 to unlimited | Controls the “chunking” factor for street prefixes when searching by Address. If the number of street prefixes exceeds the setting, FieldBlade will chunk the data. |
| street-splitat   | 10                            | 10 to unlimited | Controls the “chunking” factor for street names when searching by Address. If the number of street names exceeds the setting, FieldBlade will chunk the data.       |
| prop-splitat     | 30                            | 10 to unlimited | Controls the “chunking” factor for properties when searching by Address. If the number of properties exceeds the setting, FieldBlade will chunk the data.           |

### XML notes

XML has a special set of characters that cannot be used in normal XML strings. These characters are:

& - &amp;  
 < - &lt;  
 > - &gt;  
 " - &quot;  
 ' - &#39;

For example, the following XML string is invalid:

```
<Organization>IBM & Microsoft</Organization>
```

Whereas the following is valid XML:

```
<Organization>IBM &amp; Microsoft</Organization>
```

Note that we have replaced '&' with '&amp;' in the second XML string which makes it valid. In the following XML overrides, you will get a

message stating, “XML override is not well-formed” when you try to authenticate - if you do not handle the special character(s) properly.

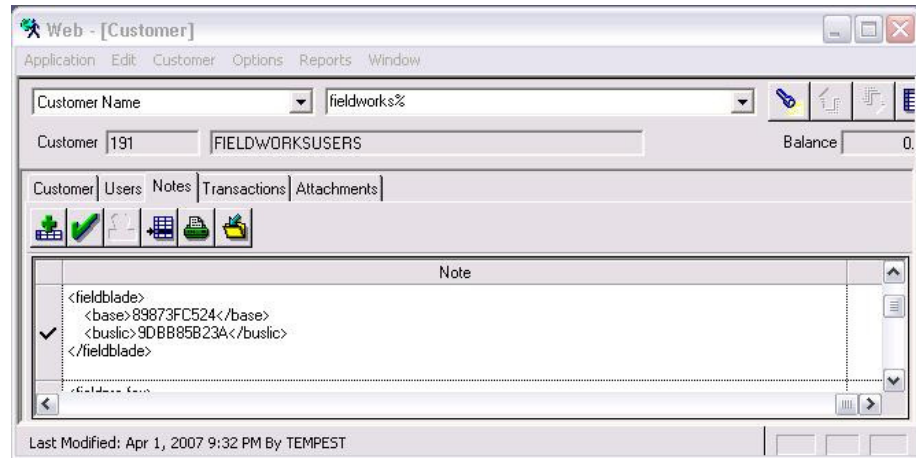
If you wish to get more assistance in building your XML strings, there are several very good (and free!) XML editors out there on the net. A particularly good one is at:

<http://architag.com/xray/>

## Entering licence keys

FieldBlade requires a licence key for the base Blade, and optionally for each additional Blade you wish to use. Each Blade is roughly equivalent to one module in Tempest. Licence keys are emailed to you upon purchase.

The licence key(s) are stored as an XML string in the Notes tab of Web Customer for the FIELDWORKSUSERS, in a note dated Feb 1, 2005:



The XML string entered into the note must be formatted correctly for FieldBlade to interpret it correctly (see XML notes below). The basic format is:

```
<fieldblade>
  <base>89873FC524</base>
  <buslic>9DBB85B23A</buslic>
  <doglic>D567AB341A</doglic>
</fieldblade>
```

With this sample XML string we are providing licence keys for the base Blade (Land), Business Licences and Dog Licences. When you are emailed your licence key(s), you will be given the appropriate format for entering the key(s). **Note the keys shown above are samples only, and will not work on your site – you must obtain valid licence keys through Mpowered.**



## Load the Index web page

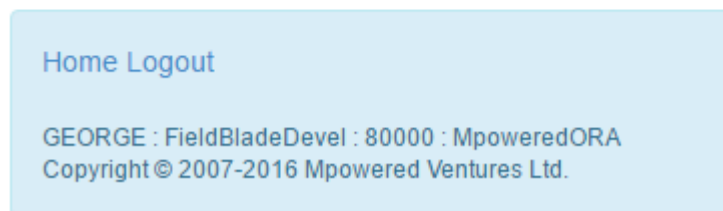
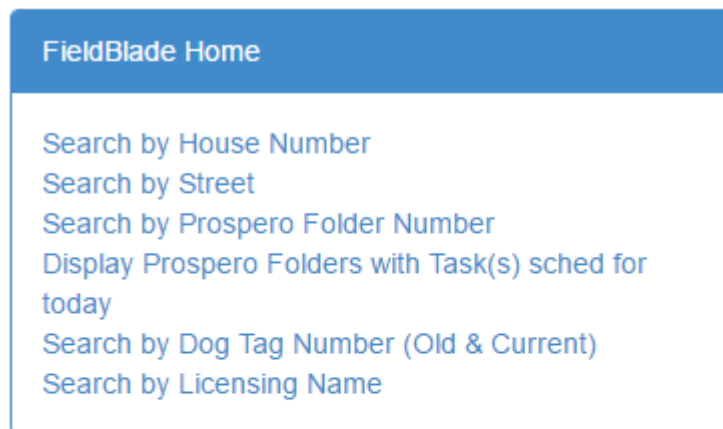
Before starting this step, ensure that your controlfile.txt has the appropriate DSN as described in the step “Modifying the controlfile.txt file” above.

Use a desktop Browser (such as Chrome, FireFox or Internet Explorer) to initially load/test the FieldBlade application, as it has a larger screen to show you errors that may occur in the unlikely event that you have not set your controlfile.txt XML values appropriately.

Ensure that Cookies are being allowed on your browser, and load the Index.cfm web page. If the Index.cfm page loads without errors and shows you a login screen, you are ready to move on. If you do have errors, and need to make corrections to the controlfile.txt file, remember that you must restart the ColdFusion Application Server after each change so that ColdFusion knows about the change(s).

## Load the Index web page on your device’s browser

On your handheld device’s Internet browser, ensure that Cookies are being allowed and load the Index.cfm web page. This is the home page with all blades licensed and all security nodes for FieldBlade turned on:



Note that you must allow Cookies for FieldBlade to remember your username, and ensure that you are securely logged in. If you do not allow Cookies, FieldBlade will display an error as you try to log in.

The URL you use to get to the FieldBlade index page will depend on which machine you installed the Web pages to, and in which virtual directory.

When you have successfully loaded the Index.cfm web page, you should create a Favourite named FieldBlade in your Browser so that FieldBlade can be loaded quickly in the future.

After successfully logging in to FieldBlade, you will not be asked to log in again (unless you choose to log out) until you have not loaded a new FieldBlade web page for 8 hours. You do not, strictly speaking, need to log out of FieldBlade (using the logout link), the link is just provided for extra security if you are sharing your device, and don't want unauthorized access to data. (Cookies created by FieldBlade are deleted as part of the logout.)

### **Surf's up!**

From this point on, using FieldBlade is just another version of surfing the 'net, and hopefully you won't need any more instructions on how to do that! Enjoy FieldBlade, and if you want to leave feedback/suggestions, we are always interested: [info@mpowered.biz](mailto:info@mpowered.biz)

### **Special notes for DOGS**

The DOGS blade was added in version 72001. Because the DOGS blade could be used by internal and external staff, the security node CONTACT MANAGEMENT > COMPONENTS > QUERIES > CONTACTS – LAND is checked for the Land module now. If users do not have this node checked on, then they will not be able to view Land Owners. New security nodes for the DOGS blade are: DOGS > PROGRAMS > DOG LICENCES > ACCOUNTS > View which must be checked on in order to use the dogs blade period, and node CONTACT MANAGEMENT > COMPONENTS > QUERIES > CONTACTS – DOGS which must be checked on in order to see dogs account owner names. The system will continue to show the account owner contacts (phone numbers, etc) even if this node is checked off, however the account owner names will show NAME WITHHELD.

## Upgrading from a previous version

1. Upgrade the Coldfusion server with the new 80000 versions of code. All 33 files in the \ColdFusion directory must be copied to your virtual web directory. Do not overwrite or change the existing file controlfile.txt.
2. Run the following SQL using a system DBA account:  
grant select on ldv\_owners to mpoweredweb;  
grant select on tempestv\_security to mpoweredweb;  
grant select on tempestv\_security\_all to mpoweredweb;
3. Upgrade the Licence Keys (emailed to you by Mpowered) in the Web Customer FIELDWORKSUSERS note dated Feb 1, 2005.
4. Restart the "ColdFusion Application Server" service (not the physical server, but the Windows service). This is required, otherwise the application will continue to think it is the prior version.

## General upgrade notes

All releases and patches are cumulative and include fixes from previous updates. FieldBlade is integrated with Tempest, and may or may not require maintenance as Tempest releases major versions and patches as described below.

### Major releases

A major release of FieldBlade (FB) will coincide with a major Tempest release, that is, when any of the first 3 digits of a release change, e.g. 72000 to 80000. You *must* (and can only) upgrade FB when you have upgraded the underlying database in order to continue using FB. (You will need new licence keys from Mpowered at each major release, which will be automatically shipped to you.) All major releases are full (i.e. cumulative), i.e. all Coldfusion programs/modules are released as a full package, and will usually require upgrading the Coldfusion server with the new version of code. After every major release, run the SQL in Step 2 above using a system DBA account.

### Patch releases

When any of the last 2 digits of a FieldBlade release change, e.g. 80000 to 80001, this is known as a patch release. Mpowered *does not* synchronize these patches with Tempest. Therefore, when Tempest releases a patch, there will not necessarily be a corresponding patch release by Mpowered. Mpowered releases patches in order to fix bugs and/or introduce new features. All patch releases are full (i.e. cumulative), i.e. all Coldfusion programs/modules are released as a full package, and will usually require upgrading the Coldfusion server with the new version of code. After every patch release, run the SQL in Step 2 above using a system DBA account.

### Testing releases/upgrades

Clients may wish to test releases before going into production. This can be accomplished by setting up an ...\\mpowered\\fieldblade\\test subdirectory on the Web server and loading patches/release CFMs to this directory. Copy the controlfile.txt file from production to the ...\\mpowered\\fieldblade\\test subdirectory as well, and edit it. It is very important to change the <cfappname> key in controlfile.txt to something like <cfappname>FieldBladeTest</cfappname> so that the ColdFusion server can maintain separate server variables for the Test environment. Test FieldBlade from this new directory. Once testing is complete, the CFMs can be moved to the ...\\mpowered\\fieldblade subdirectory.