fws-I\_Op\_Distance TMS

Software Build Procedure

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**Prepared for:**

**INTERNAL USE ONLY**

**Prepared By:**

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# Visual Studio Build Procedure

## Create View

Create a clean Clear Case view using the label EDL\_TMS\_V1.1. The config spec should look like

element \* checkedout  
element \* EDL\_TMS\_V1.1

Make sure the following VOB(s) are loaded or mounted

IRIS\_TEST\_STATION\_WS

## Update CM Label (CM builds only)

1. Launch a windows command prompt
2. Navigate using **cd** to the view that was created
3. In each VOB folder, do the following
   1. **cd** into the folder
   2. Launch **cleartool**
   3. Send **find . -version "lbtype(**EDL\_TMS\_V1.1**) && !lbtype(**CM\_TMS\_V1.1**)" –print**
      * **This is the list of files that the label needs moved on**
      * **It should match the SCRs of the build**
   4. **Send find . -version "lbtype(**EDL\_TMS\_V1.1**) && !lbtype(**CM\_TMS\_V1.1**)" -exec 'cleartool mklabel -replace** CM\_TMS\_V1.1 **"%CLEARCASE\_XPN%"'**
      * **This moves the CM label onto those files**
   5. **Send the command from step 3.3 again**
      * **This should return no files**
   6. **Type exit**

## Update View Label

Update your view’s config spec to the cm label CM\_TMS\_V1.1. The config spec should look like

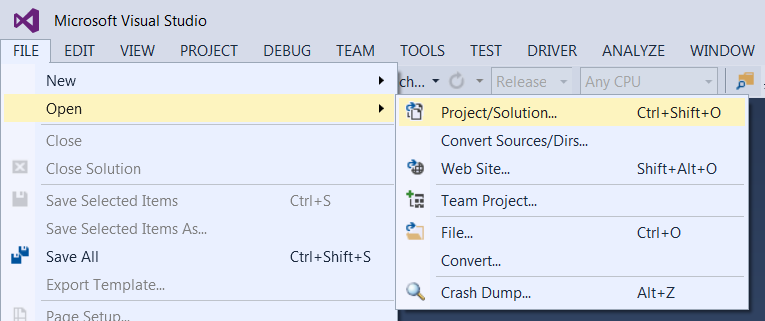
element \* checkedout  
element \* CM\_TMS\_V1.1

## Copy View contents

If you are using a dynamic view, copy the VOB folders in it to a folder on the local drive such as *C:\cm* or *C:\build*

## Open Software

Launch Visual Studio VS 2015  
Click File->Open->Project/Solution  
Browse to \IRIS\_TEST\_STATION\_WS\Apps\TMS\TMS.sln

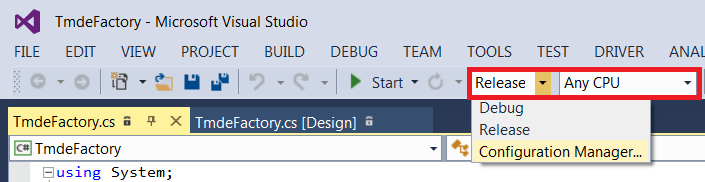


## Build Project

For each of the following configurations, do these steps:

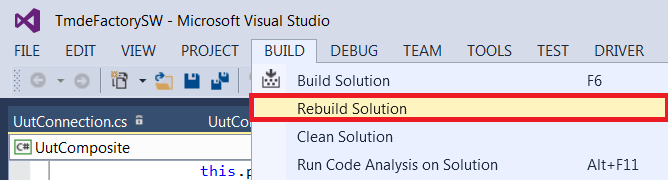
Release

### Select Configuration

Select the configuration using the highlighted drop down menu

### Clean and Build

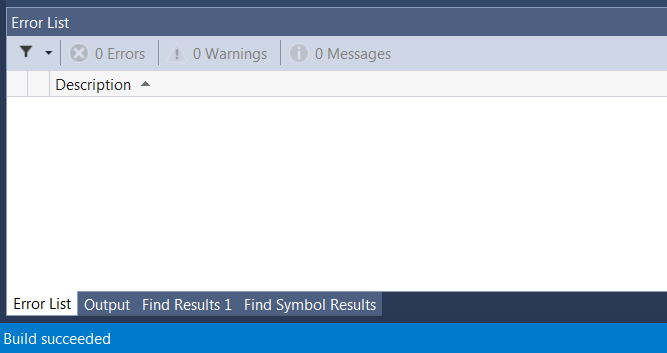
The Rebuild Solution function will perform a clean and then build.  
Select Build->Rebuild Solution to perform it.



### Verify Warning and Errors

The project should build with no errors. If there are any warnings they should be compared against the list of known warnings the build generates. Any extra warnings should be treated as errors.

The build output window is at the bottom of the compiler



## Copy Build Output

Copy the contents of the \IRIS\_TEST\_STATION\_WS\Apps\TMS\bin\Release folder to the CM area