## How to: Create AFD diagrams in SVG Format (Excel)

1. Open 'Active\_Format\_Aspect\_Ratio\_Calculator\_v1.3.xlsx'  
   Graphical user interface, application, table, Excel

   Description automatically generated
2. Select desired AFD parameter  
   Table

   Description automatically generated
3. Select desired target style (e.g. "DVB") and copy content
   1. Text

      Description automatically generated
   2. Text, table

      Description automatically generated
4. In text editor of choice, create a new document and paste
   1. Graphical user interface, text, application

      Description automatically generated
   2. Text

      Description automatically generated
5. Delete double quotes at start and end of file  
   Text

   Description automatically generated
6. Select and cut first line, containing the file name  
   Text

   Description automatically generated  
     
   Graphical user interface, text, application

   Description automatically generated
7. Save file, using the cut file name
   1. Application

      Description automatically generated with medium confidence
   2. Graphical user interface, text, application, chat or text message

      Description automatically generated
8. If necessary, delete trailing space
   1. 
   2. 
9. Make sure to use ".svg" file name extension  
   Graphical user interface, text, application

   Description automatically generated
10. File looks good  
    Text

    Description automatically generated
11. Open file in web browser
    1. Graphical user interface, text, application

       Description automatically generated
    2. Application, table

       Description automatically generated
    3. Graphical user interface, text, application, chat or text message

       Description automatically generated
12. Verify diagram looks as expected  
      
    Graphical user interface

    Description automatically generated

## How to: Create AFD diagrams in SVG Format (Perl script)

1. Open a shell  
   Graphical user interface, text

   Description automatically generated
2. Run perl script with '-help' option for detailed instructions  
   Graphical user interface, text

   Description automatically generated  
   NB.: '-par' option is implemented in version 1.4 and above of the script
3. Run perl script with desired AFD parameters  
   
4. Where bash shell is available, the 'afd\_svg\_set.sh' shell script will generate a full set of AFDs in a folder  
   Text

   Description automatically generated  
   [ ... ]
5. Verify generated files in web browser, see step 11 above

## How to: Embed AFD diagrams in CTA-861 Word document

1. Click on diagram to be replaced, to select it
   1. A picture containing text, weapon, window

      Description automatically generated
   2. A picture containing text, weapon, window, screenshot

      Description automatically generated
2. Delete the old diagram, with Del / Backspace  
   A picture containing table

   Description automatically generated
3. Place the cursor where the diagram was, and select from the menu "Insert" --> "Pictures" --> "Picture from File..."  
   Text

   Description automatically generated with low confidence
4. Choose desired replacement file and click "Insert"
   1. A picture containing graphical user interface

      Description automatically generated
   2. A picture containing text, weapon, window

      Description automatically generated
5. Adjust picture size, e.g. by setting a unified height. Make sure Height and Width are locked to each other
   1. Graphical user interface, application

      Description automatically generated
   2. Graphical user interface, website

      Description automatically generated
   3. Graphical user interface

      Description automatically generated with medium confidence
   4. A picture containing text, window, weapon

      Description automatically generated
6. De-select the picture  
   A picture containing text, window, weapon

   Description automatically generated
7. Done.

## How to: Convert Word file to PDF

1. Use MS Word for Windows. Word for Mac and the online version on office365.com are insufficient and will not maintain SVG graphics as vector format in PDFs.
2. Select "File" --> "Save As..." and select "PDF (\*.pdf)" (do **not** use "Print to PDF"!)  
     
   Graphical user interface, text, application

   Description automatically generated
3. In "More options...", make sure that PDF format is "Standard":  
     
   Graphical user interface, text, application, chat or text message

   Description automatically generated
4. Select a destination folder and a file name, if needed, then save the file.