



3DVR Solutions

# JDA Alliance Partner: 3DVR Solutions

## Customer Challenge:

A joint JDA and 3DVR Customer has invested in JDA's Category Management Suite, including Space Planning, Floor Planning and CKB. Our client is the CIO of an international grocery retailer and the IT project delivery team needed a way to convert their AutoCAD plans into JDA floorplans.

The store plans are developed by their architectural team in AutoCAD. These drawings define fixture positions, doors, access areas and columns in great detail. The JDA Floor Planning tool needs this information and with several hundred stores to incorporate this would have required several thousand man hours to complete manually.

## Solution:

3DVR Solutions developed a world first AutoCAD® JDA Floor Planning Converter (AFP).

AFP automates the conversion of native CAD data into JDA floorplans as flat file (.pfa) or direct to JDA's Category Knowledge Base (CKB) which is the central repository for floorplans and planograms.

Conversion highlights include:

- Batch processes can convert one or multiple DWG files into floorplans
- Hides layers not required from the CAD DWG file, generates new floorplan with trace file embedded
- Converts Blocks from CAD into Fixtures in Floor Planning – includes ability to add merchandising rules, new fixture name and data attributes, trimming and splitting of fixture to reflect merchandisable space
- Generates departments if created in CAD file, assigns fixtures to departments on floorplan (includes composite floorplan generation)
- Includes 2-way export from Floor Planning back to CAD as xref to see changes made against the original CAD file
- Provides a platform for floorplan to be converted into 3DVR's Retail Visualisation Suite

**Outcome:**

AFP cleanses and converts CAD plans to JDA floorplans within minutes. Hundreds of plans can be batched and generated within hours. JDA floorplans are then available for the user to add planograms to complete.

The conversion has saved hundreds of hours in labour and reduced the time lag to have floor planning operational. The floorplans are more accurate as human error are removed.

**Return on Investment:**

- Saves labour, increases accuracy of floorplans
- Users can recognise investment in JDA suite sooner
- 2-way export provides the CAD store design team with the ability to review changes against original plans and make modifications prior to construction. Reduces construction variations which can be costly. Stores open on budget and on time.

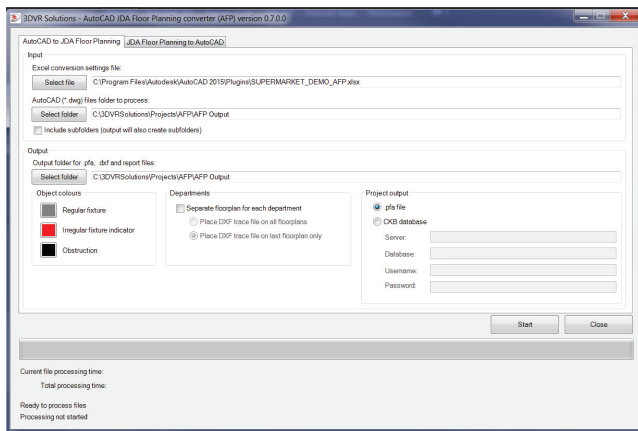
**About 3DVR Solutions:**

3DVR Solutions specialise in 3D Visualisation & Virtual Reality.

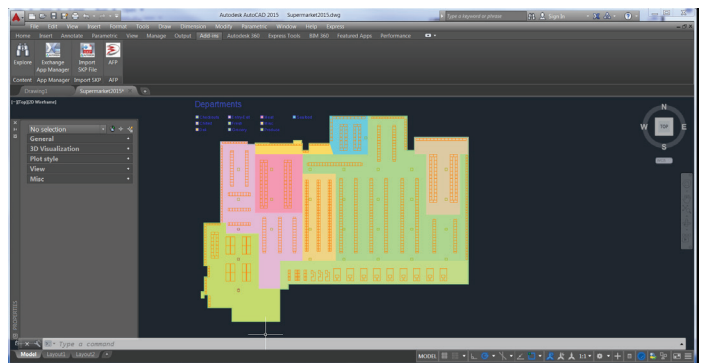
The 3DVR team consists of technology and industry professionals who develop globally innovative software solutions.

3DVR's Retail Visualisation Suite (RVS) leverages data from Revit® and JDA® to generate real-time 3D stores, including architecture, signage, planograms and product. RVS overlays performance data contained with the JDA Category Management Suite to enhance the design and decision making process, including sales and performance data.

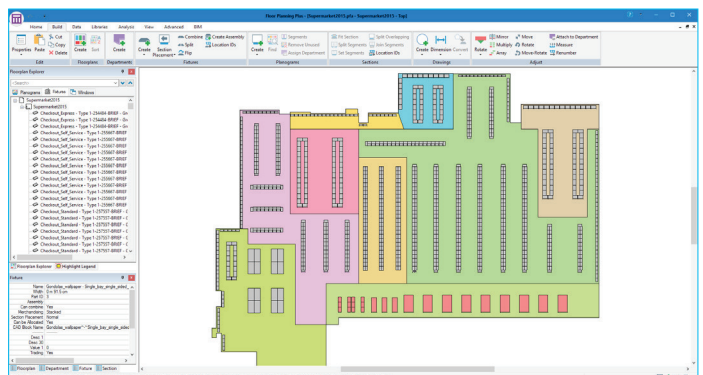
AFP CONVERSION DIALOGUE BOX



ORIGINAL CAD PLAN



FLOOR PLAN OUTPUT CONVERTED INTO JDA



3DVR TECHNOLOGY PARTNER

