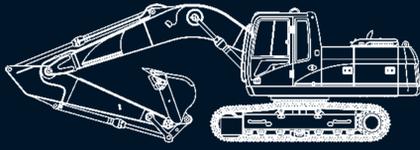


# CAD Based 3D Visualization.

**Our solution creates a new level of engagement that improves the customer and employee experience.**

We help brands to address their strategic challenges in today's omnichannel buying journeys. We do this by enriching Engineering CAD models with business and operational data to support the full product lifecycle and unlock human capital.

## 3D CAD Model Assets



## Product And Process Data



PLM  
PDM



ERP  
MES



Institutional  
Knowledge



## Convert, Author, & Deliver

**Transforms Engineering CAD models into interactive 3D Visualization Assets with a comprehensive suite of tools and supporting professional services**

### Convert:

- CAD models are converted into a simplified interactive WebGL 3D models
- Models are compressed to a fraction of their original size by reducing the number of polygons and removing unnecessary geometry
- Protect intellectual property by removing or merging features and internal components
- PLM integration to reflect engineering change orders

### Author:

- Create animations, explosions, instructions, and annotations
- Define product logic to drive real-time 3D model configurations
- Apply colors, materials, textures, lighting, and more

### Deliver:

- Publication of 3D visualization assets throughout the organization
- Seamless integration to enterprise systems via web services API
- Ability to syndicate to partners and distributors



## Visualization As a Service

**Seamless Integration Via Web Services API**

Integrate CDS' 3D visualizations into your existing systems using an applications programming interface. Use the dynamic CAD models for visual configuration, BOM generation, and navigation. Create catalogs for aftermarket spare parts, smoothing the way for faster lead conversion and better inventory management.



### For CPQ

3D Product Configurators  
Submittal drawings  
3D CAD models  
Rendered Images  
BOM generation



### For Commerce

Aftermarket Spare Parts  
BOM Navigation  
3D CAD Catalogs



### For Learning

Manufacturing  
Installation  
Quality  
Field Service

## Visualization Delivery

**Our platform supports many popular desktop and mobile devices**



Web browser



Mobile



Augmented Reality



Virtual Reality



Mixed Reality



## Want to learn more about CDS Visual Solutions?

Tell us more about your visualization needs for CPQ, Commerce, and Immersive Learning, and we'll be in touch right away to get things started.

CONTACT US ONLINE [WWW.CDSVISUAL.COM](http://WWW.CDSVISUAL.COM)