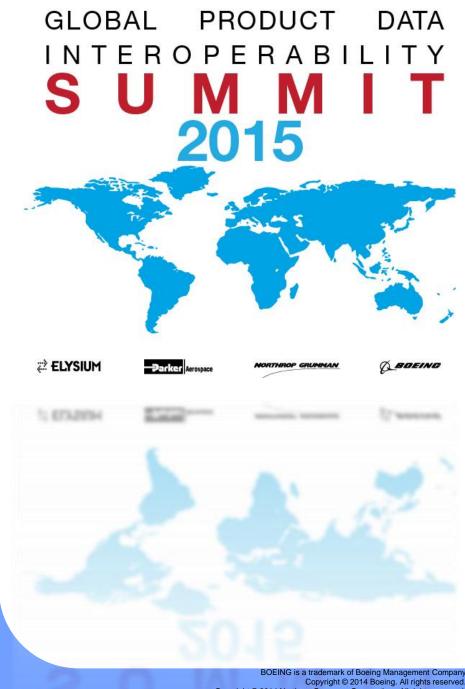
**Using 3D/PDF Presenting the 3D Annotation / PMI** with 3D Geometry of 3D/MBD Data

John Welton / Theorem Solutions



# 3D Annotation/PMI with 3D Geometry of 3D/MBD

Global Product Data Interoperability Summit | 2015

- Data Collaboration of 3D Annotation & PMI with 3D Geometry of 3D/MBD has significant benefits in the Product Life-cycle Management with its availability and true integrity.
- Presenting these 3D/MBD data, the 3D Geometry with 3D Annotation, with CAD-independent viewer have been a great challenge to Data Collaboration, Interoperability and Exchange. Theorem Solutions' 3D/PDF Publisher can be used to fulfill these challenges with simply only using the Acrobat's Adobe Reader to view the content of 3D/MBD data.









#### Theorem Solutions

- Established in 1990
- Engineering heritage

#### Locations

- UK Head Office
- 2 US Offices

#### Products

- Engineering Data Translation
- Process Automation
- Supply Chain Interaction
- Publishing

## Consultancy Services

- Implementation
- Training



# Development Partnerships

- Vendor APIs
- ISO Standards i.e. STEP / JT



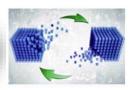






# Theorem Product Brands

**CADverter** 



Direct translation of 3D data to or from an alternate CAD, Visualization or Standards Based format

Multi-CAD



Interactive integration of non-native 3D data formats into the native CAD system

Visualize 3D



Direct translation of 3D data for the purpose of Visualization

Publish 3D

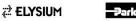


The creation of documents enriched with 3D content

**Process Automation** 



Applications to automate any Data Exchange and collaboration processes











# Publish 3D Overview

#### Publish 3D Interactive

- "Save As" PDF plug-in for CAD applications
- Pre-defined templates
- Bespoke templates via consultancy activity

## Publish 3D On Demand

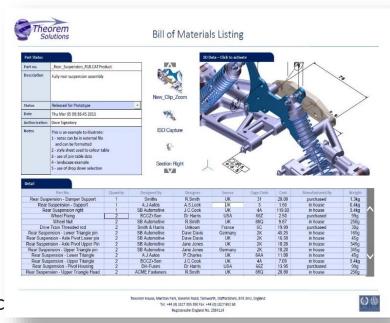
- CATIA V5 / NX / Creo Parametric (Pro/E) / JT to PDF translators
- Batch processing
- Bespoke templates via consultancy activity

### Publish 3D Automated

- Customised integration of standard Theorem produc your current applications
- Bespoke or standard templates
- Batch publishing with customized workflows

## 3D PDF Add On

Available for CAD to CAD and CAD to Visualization **Translators** 











# Publish3D Licensing Options

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- Contain the the contain the co
- Autom application
- Processing of private solved and lines
- Can be Sind Reposte a post private planting the consers of the conservation of the consers of
  - leveraging CAD licenses when designers aren't using them
- Multiple PDF's can be created RFQ, ECR, BOM....
- Watch Directory functionality
  - Can be linked with Teamcenter, Envovia, Windchill, etc.









# Publish3D Demonstration









