Bring the intuitive power of 3D visualization to any report or part list. With Lattice3D Reporter, you can embed ultra-lightweight XVL versions of your 3D CAD models into any Microsoft Excel file to bring accurate, interactive 3D parts and part numbers immediately into play during product design, engineering and manufacturing processes.

Lattice3D Reporter enhances PLM and digital prototyping processes already in place by enabling the wider use of 3D data, interactively linked to Bills of Materials and other lists, inside an Excel spreadsheet. Reporter enables greater productivity for:

**Engineering Managers**: Rapidly communicate a product design using the ubiquitous Excel spreadsheet, and allow others to easily understand the design through the interactive 3D data linked to Bills of Materials.

**Procurement Managers**: Be able to quickly understand a product design with the interactive links between the 3D data and the technical lists of parts, materials and assemblies.

**Supply Chain Managers**: Be able to quickly view and reference parts required within a product in order to prepare the supply chain.

**BRILLIANT CLARITY, UNPARALLELED FLEXIBILITY**

Lattice3D Reporter saves time, and thereby money, for any manufacturer trying to rapidly create products accurately, quickly and using the most efficient resources. It does this by using 3D as an interactive element within Excel Spreadsheets, allowing designers and engineers to immediately understand the makeup of a part simply by clicking a part number.

Reports containing visuals convey many facts in an instant, while those made of just text and numbers require careful reading, double-checking, and time to confirm part numbers before gaining clarity.

Communicating instructions for your designs through 3D, using XVL visuals within Excel documents, is simply superior. In Excel select any part number listed, and view the 3D visual of the part instantly in the embedded viewport. XVL reports become time-saving tools. With visual aids, your employees require less time to recognize errors, resolve discrepancies, and comprehend instructions.

Since Excel is used almost universally to make and view tabular data, Lattice3D Reporter provides the most flexible way to employ 3D digital prototyping and PLM tools throughout your company as well as with your partners and suppliers.

You no longer need to reference a CAD application or printed documents for part information. With the XVL tools and Excel, you have a complete set of interactive part lists for any purpose and at any location.
GIVE YOUR REPORTS AN ADDED DIMENSION

Raise the level of communication throughout your organization and capitalize on the intuitive power of visualization for faster, more accurate understanding.

- Lattice3D Reporter saves your reports in the ubiquitous spreadsheet format of Excel. The document includes all the XVL data and works on any Excel application.
- Lattice3D Reporter automatically cross-links geometries and part number entries. Simply type or paste in part numbers into your table and the corresponding XVL model displays in the embedded viewer.
- Graphics load quickly from the lightweight XVL format, allowing you to locate a part on a list visually, rather than trying to remember long numeric IDs.
- The embedded viewer includes “snapshots” with each part entry, allowing you to include alternate perspectives, assembly relationships, or animated instructions.

WORKFLOW

Lattice3D Reporter is ideal for product BOMs, by providing clear, illustrative references for engineers, factory personnel, assemblers, and packagers. More specific reports can also be automatically generated, describing processes, annotations, and dimensions. Even simple impromptu drawings to illustrate special instructions can be quickly achieved by lifting illustrations from a master BOM document and simply copying and pasting the part information in a new worksheet.

INTEGRATION


SPECIFICATIONS:

Computer systems requirements:
- Windows 2000 SP2 or higher
- Windows XP
- Windows Vista

Recommended:
- Pentium II 300MHz or higher
- 256MB or more RAM
- 100MB hard disk space.

Supported Formats: CATIA V4, CATIA V5, I-deas NX, IGES, Autodesk Inventor, Mechanical Desktop, CoCreate, Parasolid, Pro/ENGINEER, SolidWorks, Solid Edge, STEP, Autodesk 3ds Max, NX, VRML.

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