

Cortona3D RapidAuthor

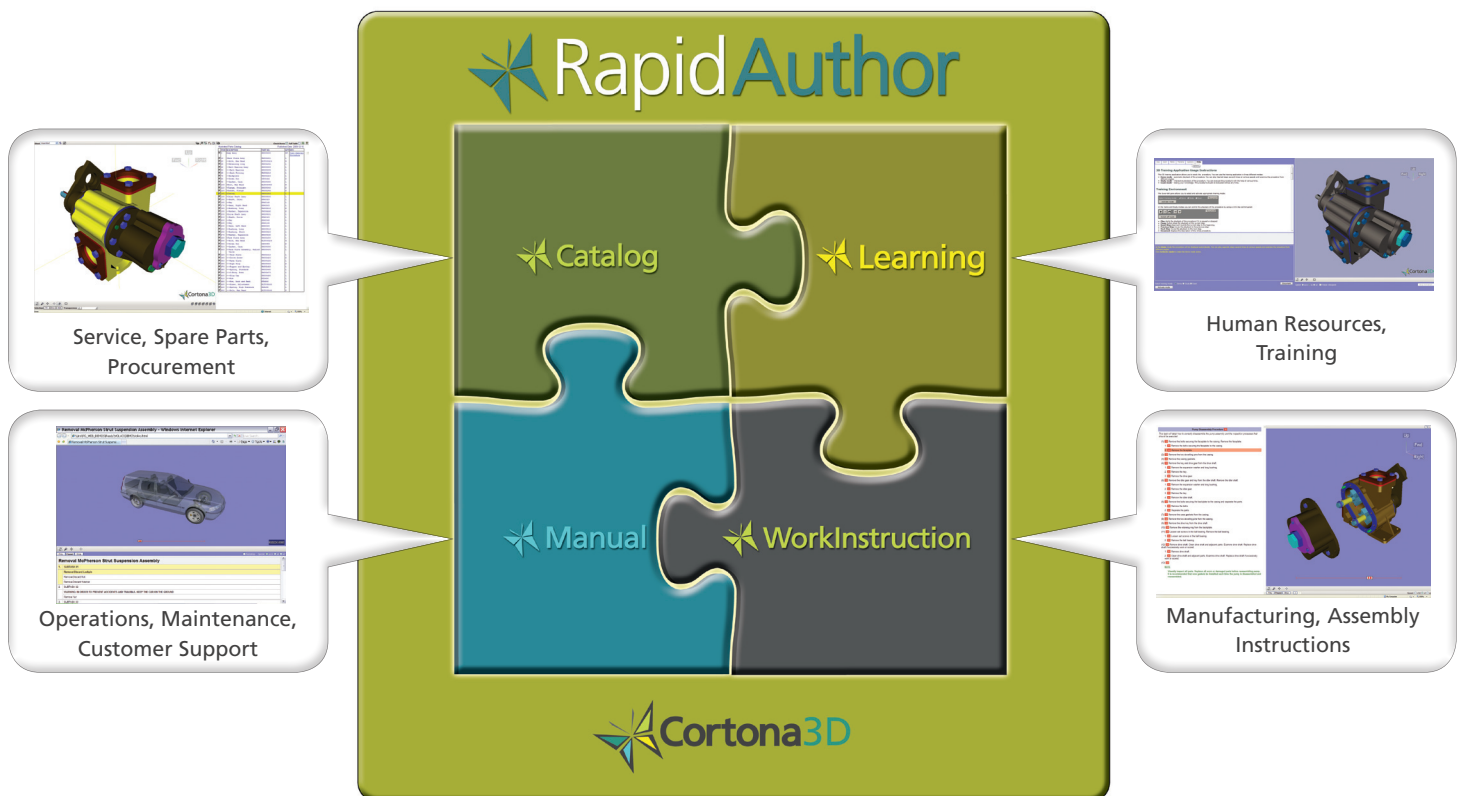
Automating Technical Communications

The key to effective product documentation for complex equipment is integrated 3D communications. Whether it's for maintenance, customer support, operational procedures or training, 3D communications provide intuitive knowledge transfer that users 'get' easily.

Cortona3D RapidAuthor is a powerful cost-effective authoring suite giving organizations the

flexibility to produce all support documentation such as interactive Parts Catalogs, Maintenance Manuals, Training Materials and Work Instructions. The tools included in the suite enable organizations to reuse existing CAD data or other 3D source material to author interactive 3D visualizations for more effective support documentation with significant cost and time savings.

'3D TECHNICAL COMMUNICATIONS' FOR INDIVIDUAL FUNCTIONAL AREAS



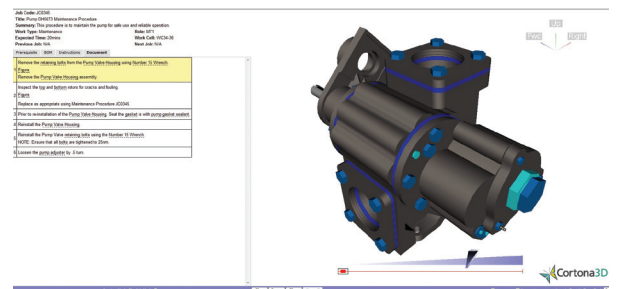
**Get better product documentation and learning materials
to market in one tenth of the time and half the cost**

WHO USES OUR PRODUCTS

- Airbus
- Wartsilla
- Mercury Marine
- Boeing
- US Army
- Pratt & Whitney
- GE
- USPS
- Winnebago

WorkInstruction

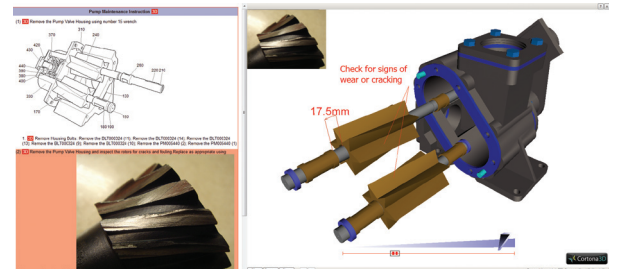
The WorkInstruction component is the first 'out of the box' toolkit for fast and easy production of digital interactive work instructions, job cards and assembly instructions. It reuses content direct from engineering CAD enabling the rapid creation of the bill of process. Manufacturing engineers can quickly and easily create 3D animations ensuring that assembly workers, even in off-shore locations, know what to do and how to do it – a visual explanation delivered in a work instruction saves time and increases effectiveness.



Multiple types of information can be combined and accessed including CAD drawings, E-BOM and M-BOM, 3D models, data sheets library parts, health and safety information, photos etc. to ensure the work is completed quickly, correctly and safely every time

Manual

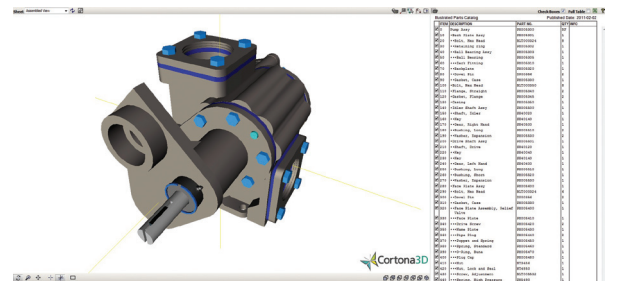
The Manual component speeds-up product documentation authoring by reusing existing CAD to create 3D animations to clearly communicate complex mechanical procedures which results in better product manuals at a fraction of the cost. 3D manuals encourage visual knowledge transfer rather than reading comprehension, minimizing translation issues and improving information retention.



Speed-up product documentation development by enabling the easy creation of interactive content, both text and associated animation simultaneously. 'Visual Know-How' simply communicates complex technical procedures.

Catalog

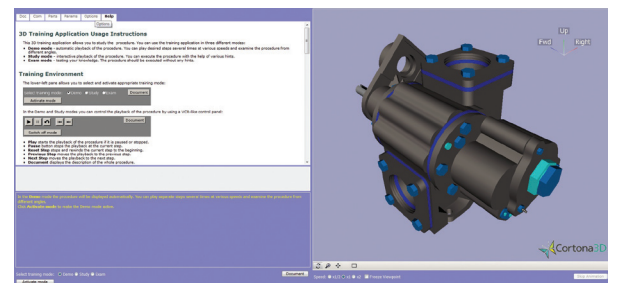
The Catalog component produces digital, interactive illustrated parts catalogs that use unique 3D 'explosions' to illustrate complex mechanical assemblies. Its interactive 3D environment with drill down navigation improves the user experience and puts an end to ordering and purchasing errors. It cuts catalog production costs by reusing existing CAD data and produces a better parts catalog that, in turn, reduces the number of customer support inquiries.



RapidCatalog's interactive environment with drill down functionality is simple to navigate and makes it easy to identify spare parts and associated meta data. This eliminates costly errors.

Learning

The Learning component combines existing CAD assets with training documentation to produce digital, interactive training applications that use animated 3D simulations. These can be used as standalone applications or integrated with existing SCORM-compliant Learning Management Systems. Research has proven time and again that interactive 3D learning improves comprehension, retention and on-the-job performance and costs less than product mockups, physical simulations, and other active learning approaches.



Training is more effective when it's visual and interactive! Complex technical procedures can be simply communicated. Trainees complete simulated maintenance in an interactive environment and are evaluated with a series of skills tests.

FEATURES

- No 3D or CAD expertise required
- ISO open standards
- Lightweight format for delivery via the Web
- Protects design intellectual property
- Integrates into existing work processes
- SCORM compliant—works with any LMS
- 'Dynamic update' ensures that product changes are easy to upload in support and training materials
- Support for ATA and S1000D standards

SUPPORTED PLATFORMS

- XP SP3 32bit, Windows 7 32/64bit,
- Internet Explorer 6.0 or above
- DirectX 9.0 or OpenGL-compliant Graphics



Cortona3D provides 3D visual knowledge software to streamline the authoring of technical communications. Cortona3D open standards authoring tools give subject matter experts the power to create interactive, animated 3D product documentation such as maintenance manuals, parts catalogs and interactive training from existing CAD assets rapidly. Proven benefits are three times faster production, 60% cost savings, and improved quality. Customers include Boeing, Ford, GE, Bosch, ESA and Airbus.

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