

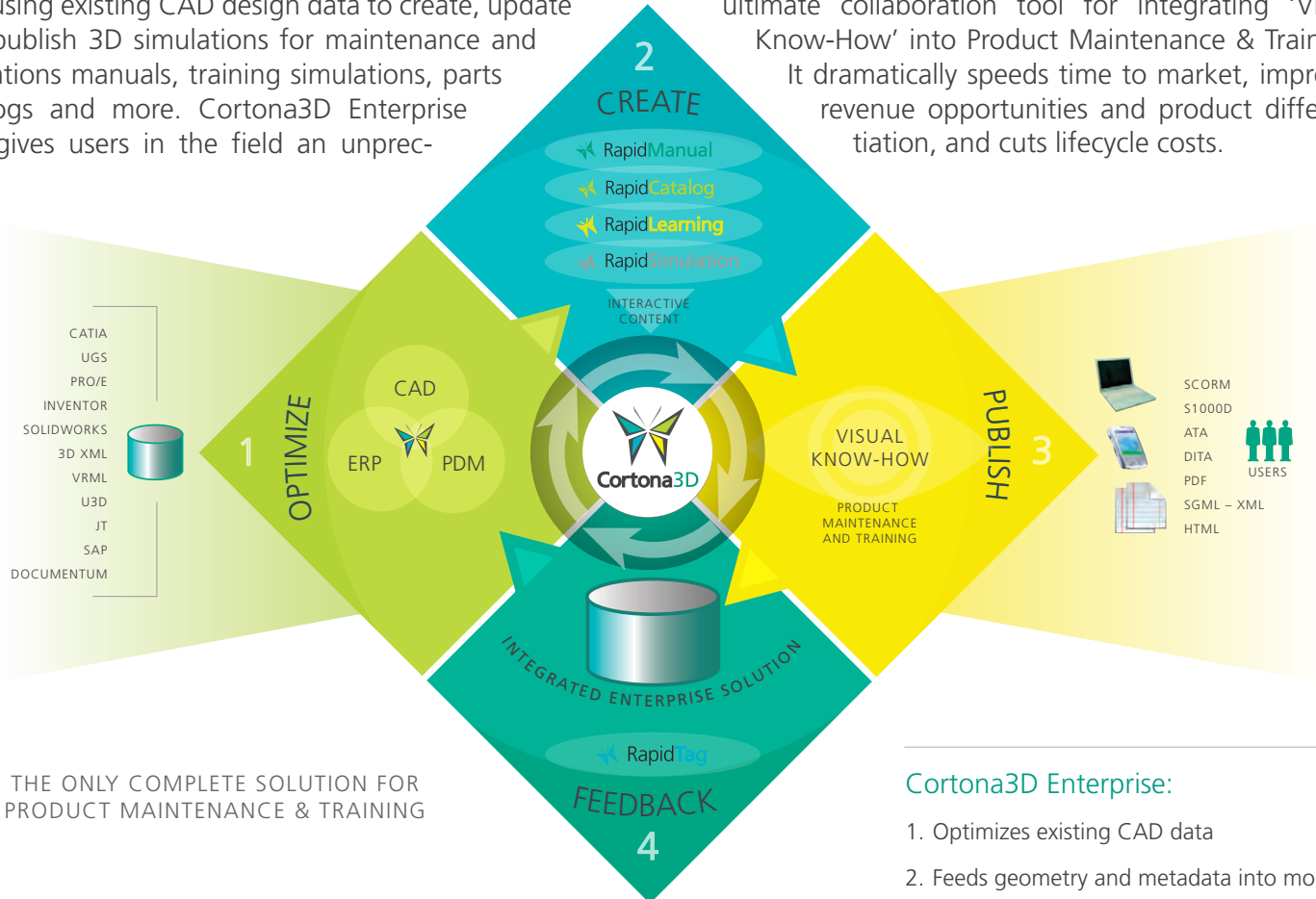
Is your organization among the leaders?

Aberdeen Group says, "Best in class companies are 50% more likely than other companies to be using 3D publishing to reduce time to market and to communicate manufacturing instructions to the plant and to use graphics to overcome language barriers." Is your organization among the leaders?

Cortona3D Enterprise is a server-based solution with a powerful 3D repository that manages the entire process of reusing existing CAD design data to create, update and publish 3D simulations for maintenance and operations manuals, training simulations, parts catalogs and more. Cortona3D Enterprise also gives users in the field an unprec-

edented opportunity to feedback structured data related to the operation/maintenance of a specific part of equipment to a central repository for analysis.

Cortona3D Enterprise fully integrates with existing systems and business processes to give many business functions – from operations to customer support – access to existing 3D data for a variety of outputs at virtually no additional cost. Cortona3D Enterprise is the ultimate collaboration tool for integrating 'Visual Know-How' into Product Maintenance & Training. It dramatically speeds time to market, improves revenue opportunities and product differentiation, and cuts lifecycle costs.



THE ONLY COMPLETE SOLUTION FOR PRODUCT MAINTENANCE & TRAINING

HOW IT WORKS

The 3D repository is at the core of the Cortona3D Enterprise system. It contains and manages part data including 3D geometry, metadata and knowledge base associated with parts.

Cortona3D Enterprise:

1. Optimizes existing CAD data
2. Feeds geometry and metadata into modular authoring applications
3. Publishes outputs across business functions (maintenance/operations manuals, training, parts catalogs, etc.)
4. Enables end users to feed information directly back into 3D repository for analysis and troubleshooting

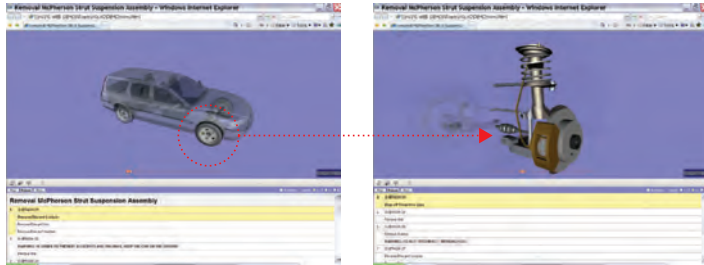
BENEFITS AT A GLANCE

Get products to market faster

Develop product maintenance documentation and training concurrently with product development by reusing CAD design data.

Increase product and services revenue and differentiate your product

Visualization and simulation deliver new levels of clarity and effectiveness in complex knowledge transfer, resulting in better after sales/service bundles and shortening sales cycles.



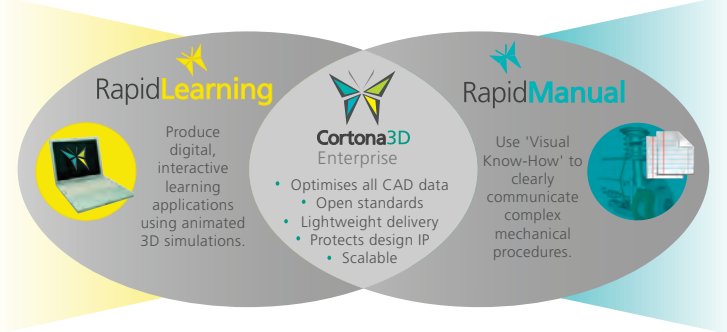
Compelling product documentation combines graphics and text. Simulations give users powerful 'Visual Know-How' and understanding of complex assemblies. Users can zoom in, rotate and interact with 3D object or drill down and clearly identify parts and assemblies.

Cut development costs of product maintenance and training

By reusing existing 3D data for training, operations, maintenance and support, you can reduce overall product maintenance and training costs. For example, a maintenance procedure simulation can be reused in training at no additional cost.

Because Cortona3D produces 'Visual Know-How' learning, no translation and localization costs are incurred.

SHARE VISUAL KNOW-HOW ACROSS FUNCTIONAL AREAS



The power of Visualization and Simulation.

Improve user productivity and workforce efficiency

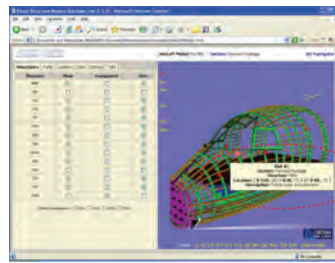
3D support documentation communicates a clear understanding of repair and operational procedures and reduces the likelihood of costly mistakes. It also minimizes the need for classroom training.

Effective support documentation makes end users self-sufficient

Better support documentation results in fewer calls for service engineers and less reliance on costly customer support call centers.

Enable user feedback

Associate user comments with specific points in the 3D objects to accurately communicate feedback.



Associate a feedback comment, or tag, with a specific point on the interactive 3D design to accurately communicate feedback. Then send tag directly back into 3D repository.

Ideal in the field

Visualizations and simulations are available online or offline to lightweight Pocket PCs.

Achieve compliance

Ensure compliance with accurate document tracking and automated workflow.

WHO USES OUR PRODUCTS?

- Ford
- Pfizer
- US Army
- ESA
- Daimler Chrysler
- Oracle
- Boeing
- Airbus
- Volkswagen

FEATURES

- No 3D or CAD expertise required
- Modular architecture
- ISO open standards – integrates with any PLM or ERP system
- Lightweight format for delivery via the Web
- Protects design intellectual property
- Integrates into existing work processes
- SCORM compliant–works with any LMS
- Dynamic update–changes are easy to upload
- Support for ATA and S1000D standards
- Scalable

SYSTEM REQUIREMENTS

- 1.5 GHz microprocessor or higher RAM: 512 MB
- Windows 2000 SP2 or Windows XP, Internet Explorer v. 6.0 and DirectX 7
- Additional software: Microsoft XML Core Services (MSXML) 4.0



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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