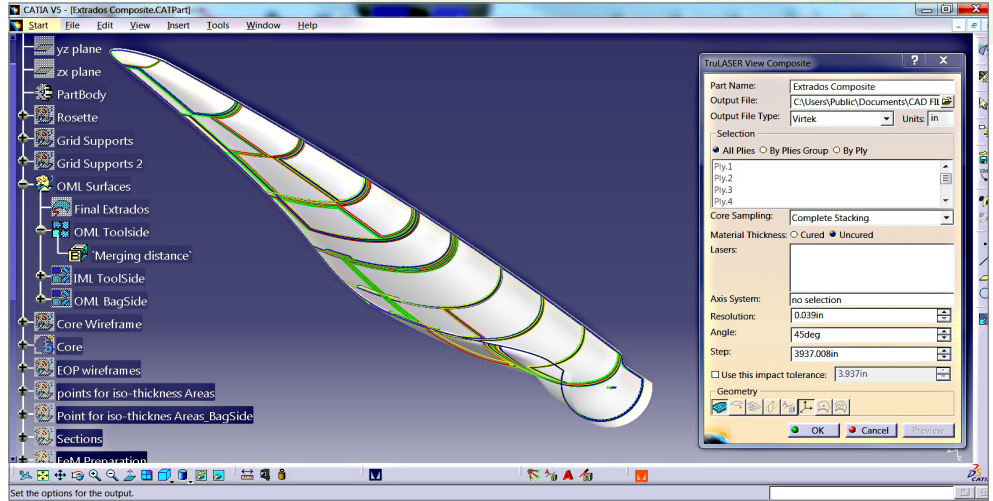


# truLASERVIEW

## CAA V5 CPD

### KEY FEATURES

- Use Native CATIA V5 CPD Data as the Source for Laser Projection Files to Access Material Properties, Grain and Label Information Without Manual Intervention
- Eliminate Time-Consuming and Error Prone DXF/IGES Translations
- Optimize the Entire Layup Process and Improve Production Throughput
- Use CATIA 3D CPD Model Information With Any Brand Laser Projection Systems
- Eliminate Hard Tooling and Retooling Costs Associated with Traditional Hand Layup
- Quickly Process and Use Model Revisions Without Retranslating
- Minimize Manual Measuring and Pre-Marking
- Lay up Material in an Organized and Repeatable Process
- Project Complex Layup Sequences Without a Ply Book
- Seamless Integration with CATIA V5 Composites Design Workbenches
- Advanced Projection for All CATIA V5 Wireframe Geometries and Text Formats



*TruLASER View CAA V5 CPD uses information directly from the CATIA 3D model*

Magestic Systems, Inc. is recognized as a worldwide leading provider of composite manufacturing solutions and has developed superior integrated applications to optimize the laser-assisted composite hand layup process. TruLASER View CAA V5 CPD enables composite manufacturers to access and organize native CATIA V5 CPD data and generate laser projection files. TruLASER View CAA V5 CPD is installed worldwide to support composite manufacturers across multiple industries, including but not limited to: aerospace, wind energy, transportation, and automotive.

Magestic Systems' TruLASER View CAA V5 CPD provides manufacturers with the ability to set up a scalable process for laser-assisted hand layup. With widespread applicability, TruLASER View CAA V5 CPD is the ONLY laser projection solution on the market today that enables users to use native CATIA V5 CPD design data for laser-assisted hand layup. From small to large-

scale composite fabricators, TruLASER View CAA V5 CPD ensures a repeatable process to meet or exceed engineering requirements. Using information directly from the CATIA 3D model, manufacturers are able to minimize the possibility of human error in the hand layup process. TruLASER View CAA V5 CPD allows users to replace hard tooling and hand measurements with 3D laser projections.

TruLASER View CAA V5 CPD is an embedded CATIA V5 application that enables the material properties, grain, and label information to be attained automatically from the V5 CPD model without the manual intervention, which is required by programs using universal translators such as DXF and IGES. TruLASER View CAA V5 CPD is the only program of its kind that does not require the time consuming process of adding this data in a secondary operation. TruLASER View CAA V5 CPD ensures that CPD model revisions are applied every time a laser projection file is created.



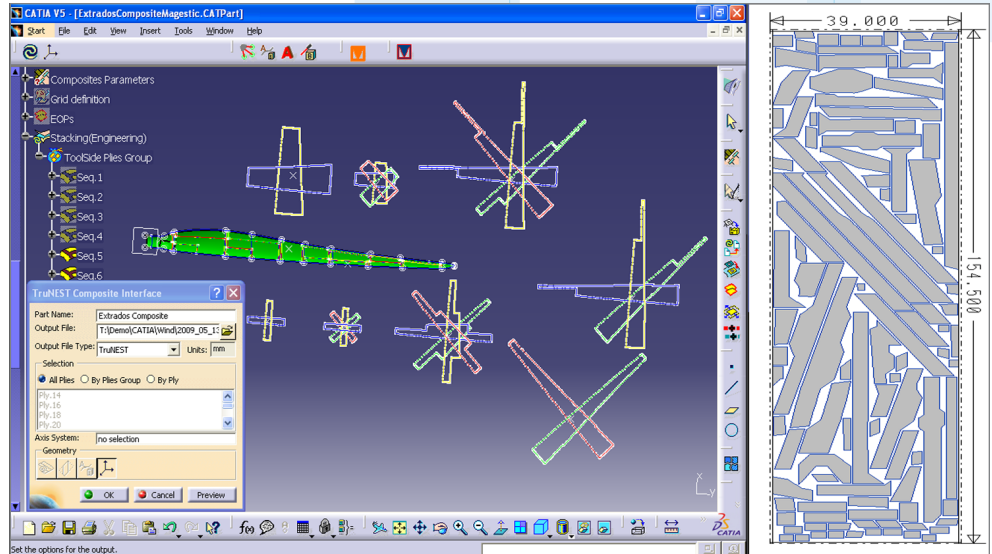
205 Fairview Avenue  
Westwood, NJ, 07675  
USA  
www.magestic.com

Phone: +1 201 263 0090  
Fax: +1 201 263 0091  
General Info: info@magestic.com  
Sales Inquiries: sales@magestic.com

# truNEST

## CAA V5 CPD

Magestic Systems, Inc. is recognized worldwide as a leading provider of integrated composite manufacturing software solutions for material and process optimization. Magestic Systems' TruNEST CAA V5 CPD is the ideal nest management system for the composite fabricator who wants a seamless and highly integrated composite programming and management system. TruNEST CAA V5 CPD is built on the industry's most advanced mathematical algorithms that offer a fully automatic true shape nesting process.



### KEY FEATURES

- Easily Integrate with ERP/MRP Systems
- Native Interface to CATIA V5 CPD to Acquire Material Properties, Grain Constraints, and Ply Requirements
- Automatically Generate NC Tool Paths During the Nesting Process
- Optimize Both Machine Throughput and Material Efficiency
- Quickly Process and Use V5 CPD Model Revisions Without Slowing Production
- Calculate Optimum Material Size and Efficiency
- Automatic True Shape Nesting of Plies in Seconds
- Increase Throughput with Automatic Labeling and Common Line Cutting

*Avoid Secondary Processes and Use Native CATIA V5 CPD Data in the Nesting Process*

TruNEST CAA V5 CPD is ODBC compliant, which allows it to easily streamline multiple composite cutting processes into one seamless and effortless operation. TruNEST CAA V5 CPD enables the exchange of electronic information between ERP/MRP, Design Engineering, Production Control, and Inventory Control in a real-time relational environment. Moreover, integrating TruNEST CAA V5 CPD with an ERP system empowers manufacturers to automate many of the tedious manual processes that slow down production and are prone to human error.

TruNEST CAA V5 CPD utilizes native CATIA V5 CPD data as its input for nesting. This enables the software to automatically incorporate information critical for nesting such as grain, material properties and label information without requiring secondary operations. For the

composite manufacturer looking to increase material efficiency and maximize productivity, TruNEST CAA V5 CPD is the solution.

In addition to superior nesting efficiencies and truly automatic NC programming, TruNEST CAA V5 CPD comes standard with features to optimize the entire composite cutting process, such as: automatic common line cutting, material management, custom post processors, automatic labeling, order scheduling management, and the ability to calculate the most cost effective material size. TruNEST CAA V5 CPD stands alone as the most advanced composite cutting system available for today's demanding composite manufacturers.



205 Fairview Avenue  
Westwood, NJ, 07675  
USA  
www.magestic.com

Phone: +1 201 263 0090  
Fax: +1 201 263 0091  
General Info: info@magestic.com  
Sales Inquiries: sales@magestic.com