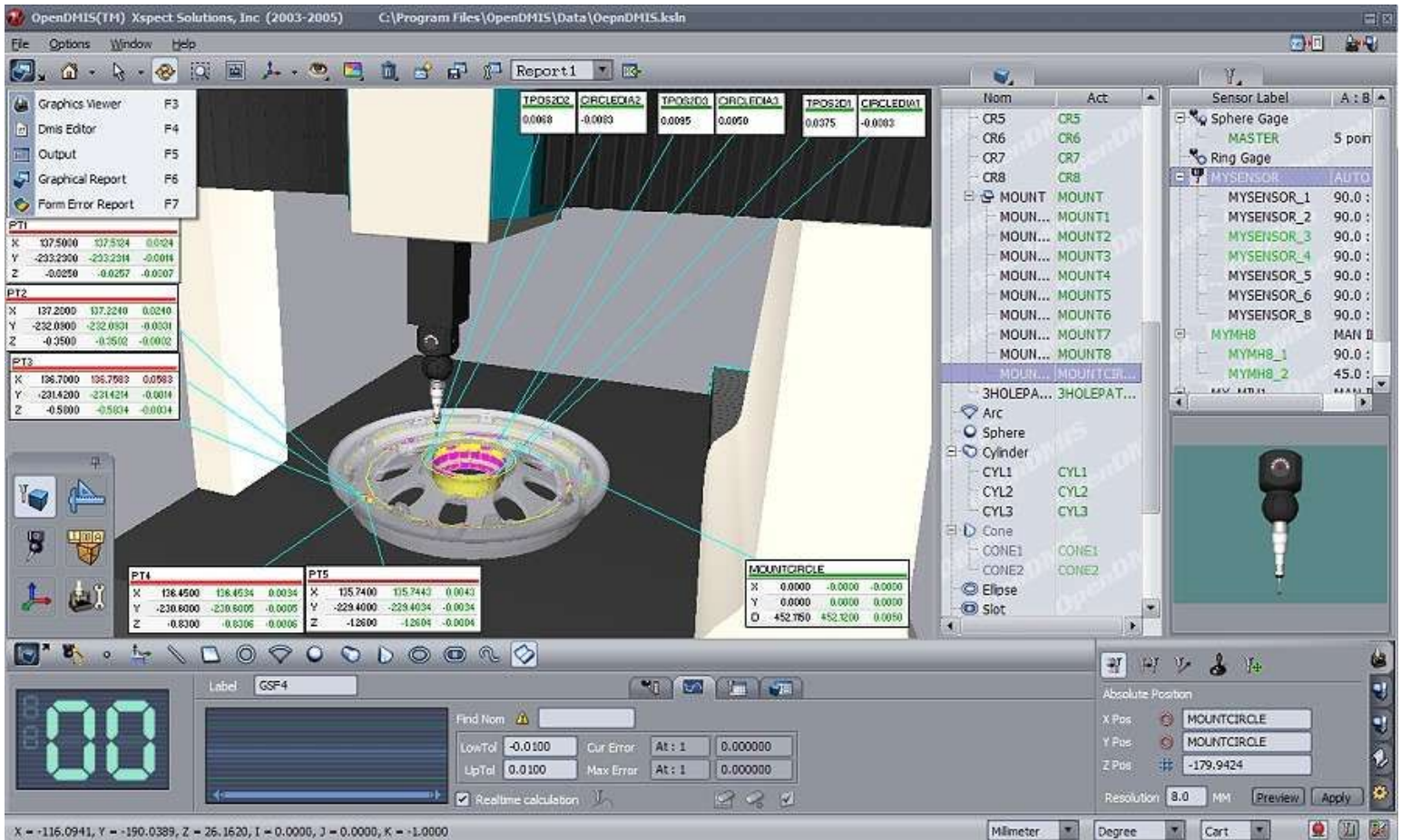


# OpenDMIS 5.0 Enhancements



## Enhancements

- Improved Graphical Report Efficiency
- Improved CAD import efficiency when importing CAD with colors
- Programmatic Graphical Report Saving Improved
- Sensor Property Page Updates
- User Defined Length Entries Provided for Applicable Tolerance Evaluations
- DRO Changes for Core Machine
- Graphical Pick of Scanning Control Points
- Adaptive Scan Definition Window Changes
- Application Setup Extern Option Changes
- Obsolete "Output Description" Template Removed
- Setup Default Changed for Graphical Report
- Output Setup Wording Change
- Point Measurement Errors
- Installation Default Speed Settings
- Display Layer Accepts Drag and Drop of Plane
- Renishaw TP200-EO Added to Sensor Database
- The Op550 Probe Added to Sensor Database

- Application Setup Window Changes
- Graphical Report Changes
- Sensor Database Changes
- DMIS Summary Options
- Thermal Coefficient Drag and Drop
- Parent Label Removed From Coordinate Database
- Counting Direction When Running a Program in Manual Mode
- Virtual Joystick Measurement
- Line Graphics Preview
- I++ ScanOnCurve() Modification
- OpenDMIS Deva Driver Updated
- Graphical Report Save PDF Options have Changed
- Parallel Line Permissible Error Changed
- Scan Parameter Defaults Changed
- Symmetry Tolerance Supports Non-Parallel Planes
- Plane Construction - Perpendicular
- MRS Rack Calibration Supports Right Click to Remove Module

<p>Feature Label Changes  Column Widths Saved for Recall  DMIS Template Restructuring  Drag and Drop Sensor Calibration Change  Large CAD File Import Options  Scanning Interface Performance Improvement  Core Sensor Property Page Improvements  Trigger Point During Error  Curve Point Generation Improvement  Confirmation Window Added to sensor drag and drop operation  Gear Measurement Now Supports Scanning Probes  Sensor Setting Tab Changes  Installation Default Value Changes  Add Prefix Changes  Absolute Position Window Accepts Slot</p>	<p>Slot Scan Definition For Revo  ARC and Circle Scan Definition Modifications  Clearance Move Added to Edge Point Vector build  Star Sensor Modification  Revo Angles For Curve Scans  Depth Control for Slot Scan Definition  Curve Scan Measurement Change  Best Fit Construction Can Use Cylinder  Cone Scan Path Preview and Definition Change  Save All as PDF added  Color for Trend in Excel Output  Cone Fitting Algorithm Changes  Speed Improvement On Point Cloud Import  Feature Construction Now Use Feature Prefix Names  DMIS Manual Measurement Real Time Calculation</p>
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**New Implementations**

<p>Known Scan Vector Manipulation Tools Added  Line Allows 2 Point Definition  Export of Q-Das Measurement Data Support  Multiple Feature Drag and Drop  F10 Key for Point in Space  Error Reset When Running a Program  Support for Medium Font</p>	<p>Additional Non-DMIS Template Commands Added  CAD Meshing Speed Improvement  Curve Point Generation Window Additions  Diameter Tolerance for Torus  Automatic Approach/Retract Adjustment  New Tab Added to Machine Status Tabs  Drag and Drop Cone Best-Fit Modification</p>
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**DMIS Implementations**

<p>DMIS Commands for 5 Axis Measurement  DMIS VALUE Statement Implemented for Speeds and Accelerations  DMESW/DELAY Changes  DMIS Program Pointer Reset During Meas</p>	<p>DMIS Code to Delete CAD models  DMIS Editor right click menu change  5 Axis DMIS Support for Revo Sweep Scans  DMIS Local Variable Scope  DMIS Editor Change</p>
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**HardWare**

<p>FCR Change Rack Implemented  KIPP Driver Updated  UCC Server Sensor updates  New Sensor Properties for Core Machine  Manual Sensor Change Update  WPCSerial Error Reporting Change  Additional Registry Entry for WPC Controller Probe Approach/Retract  Temperature Sensors for Pantec Ethernet Driver</p>	<p>Collision Detection With Core Machine  WPC2040 Helical Cylinder Scan  WPC2040 WPCSocket Driver  Touch Property Setting  PH20 Max/Min Angle Change  Max/Min Scan Speed Settings with UCC  Helical Scans with WPC Serial  Joystick Beep Disabled</p>
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## Blade

Blade Camber Line and Guillotine Gage Evaluation  
Updates  
New Blade Template Command to Add Logo to

Blade Output  
Blade Construction  
New blade syntax