

DIMENSIONAL CONTROL SYSTEMS (1/2)

“Engineering in New Dimensions”

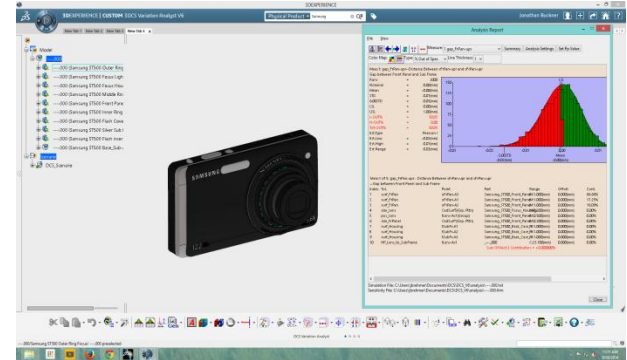


- **3DCS Variation Analyst for V6**
Manage variation across your global enterprise

Prerequisites(*)	CNV MDT PCS
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Add-on modules to 3DCS Variation Analyst for V6

- **3DCS Mechanical Variation Analyst (MVA) for V6**
Variation analysis for kinematic and over-constrained assemblies (engines, gears...)
- **3DCS FEA Compliant Modeler (CM) for V6**
Simulate deformation and material properties from process (clamping, welding...)
- **3DCS Advanced Analyzer and Optimizer (AAO) for V6**
Quickly optimize and test large models for cost and quality



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(*) Information subject to changes. Please validate with your partner manager via mkt.partners@3ds.com

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DIMENSIONAL CONTROL SYSTEMS (2/2)

“Engineering in New Dimensions”



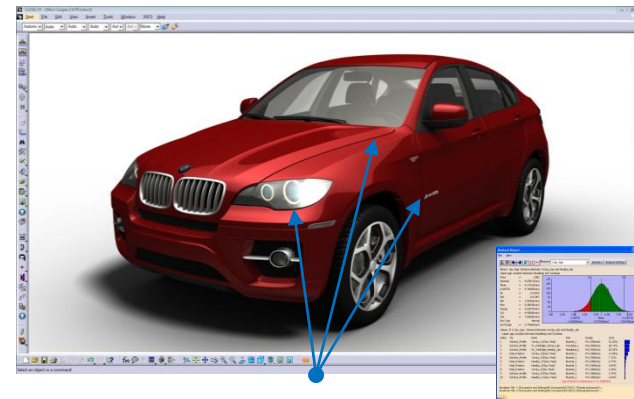
CATIA MD2

Coreq	—
Prereq	FTA DM2 DT1 RTR

- **3DCS Variation Analyst (VA) CAA V5**
Simulate assembly and process variation to optimize designs

Add-on modules to 3DCS Variation Analyst CAA V5

- **3DCS FEA Compliant Modeler (CM) CAA V5**
Simulate deformation and material properties from process (clamping, welding...)
- **3DCS Mechanical Variation Analyst (MVA) CAA V5**
Variation analysis for kinematic and over-constrained assemblies (engines, gears...)
- **3DCS Advanced Analyzer and Optimizer (AAO) CAA V5**
Optimize and test large models for highest quality and lowest cost
- **3DCS Visualisation Export CAA V5**
Quickly add V-Ray and high-end visualization to your models



- Dimensional analysis of gap & flush conditions
- See dimensional variation and its contributors

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