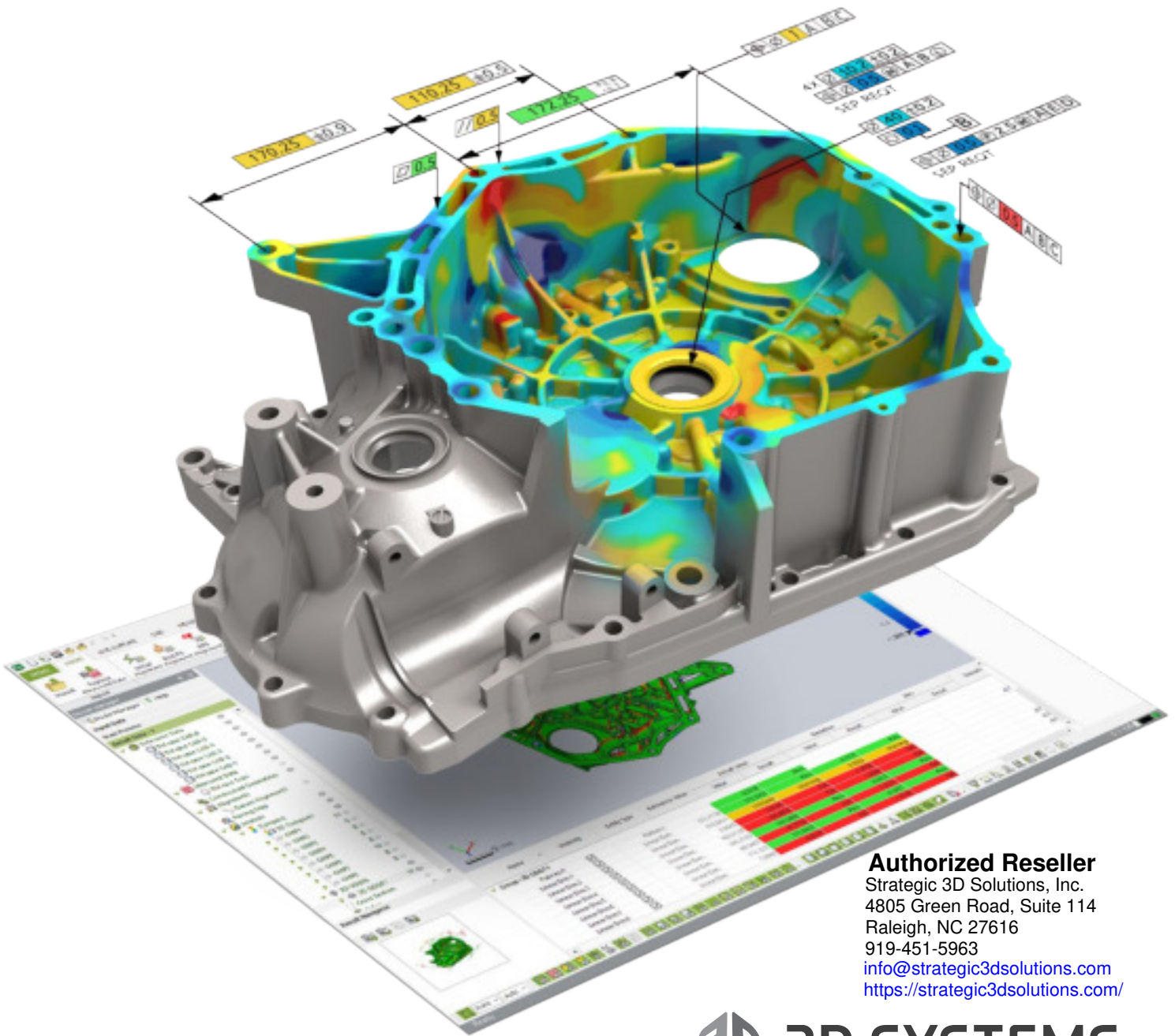# Cx Geomagic Control X Essentials

Ensure Quality Everywhere

Authorized Reseller
Strategic 3D Solutions, Inc.
4805 Green Road, Suite 114
Raleigh, NC 27616
919-451-5963
info@strategic3dsolutions.com
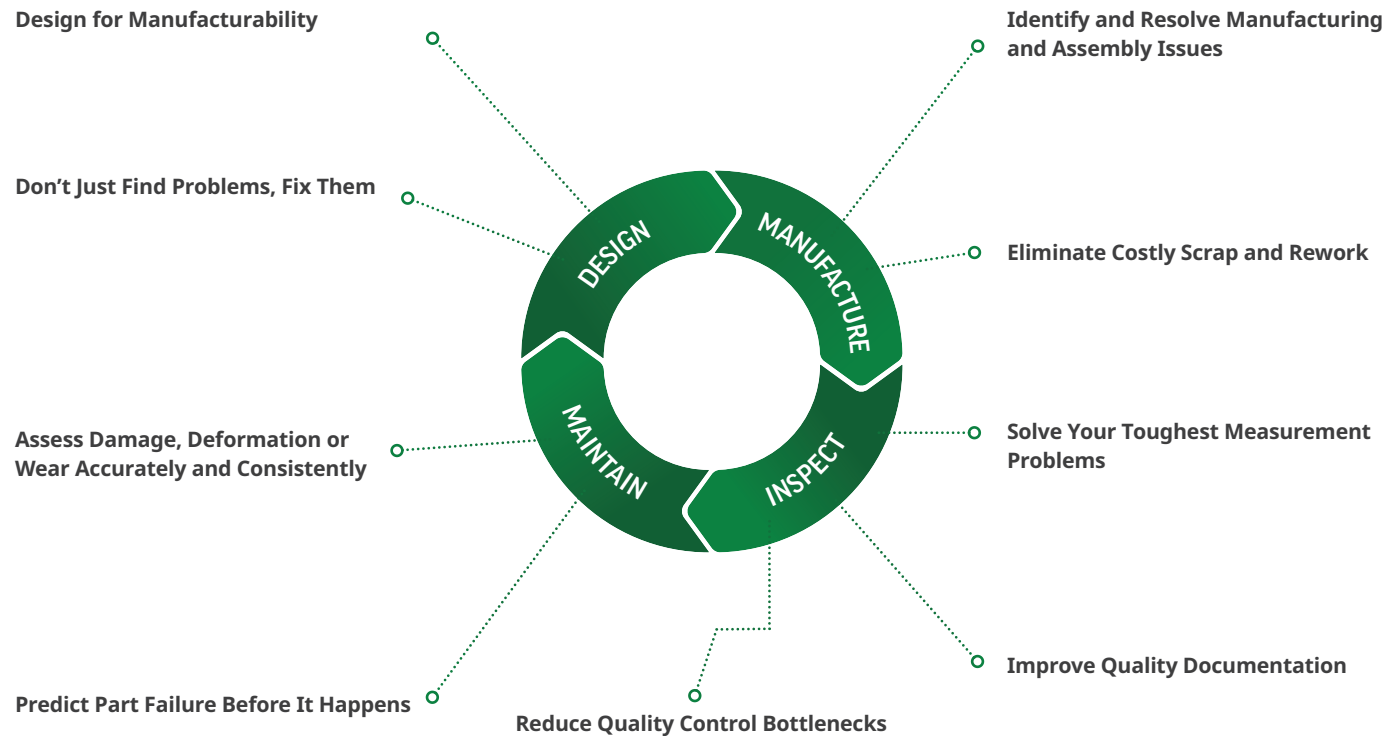https://strategic3dsolutions.com/

3D SYSTEMS

Geomagic Control X Essentials

What Is Geomagic Control X Essentials?

Geomagic Control X Essentials is a professional metrology software that lets you process the data from 3D scanners and other devices to measure, understand, and communicate inspection results to ensure quality everywhere. With Control X Essentials, more people in your organization can:

- Measure faster
- Measure more often
- Measure more completely
- Measure anywhere

What Can You Do with Control X Essentials?

Design for Manufacturability

Identify and Resolve Manufacturing and Assembly Issues

Don't Just Find Problems, Fix Them

Eliminate Costly Scrap and Rework

Assess Damage, Deformation or Wear Accurately and Consistently

Solve Your Toughest Measurement Problems

DESIGN

MANUFACTURE

MAINTAIN

INSPECT

Improve Quality Documentation

Predict Part Failure Before It Happens

Reduce Quality Control Bottlenecks

Main Feature	Detailed Features
I/O	Neutral CAD Formats (IGES, STEP, etc.)
	Neutral Scan Formats (STL, PTS, etc)
Automation	Repeatable Inspection (Replaces Meas. Data)
Alignments	Initial Align
	Best Fit
	RPS
	Datum
	3-2-1 Align
	Coordinate Align
	Transform
Compare	3D Compare
	2D Compare
	Compare Points
	Geometry Dev
Ref. Geometry	Vector, Plane, Point, etc.
Basic CAD Tools	Delete
	Reverse Normal
	Convert to Mesh
	Assign Tolerance
	Transform Body
Scan Tools (Mesh + Points)	All (Merge, Fill holes, Filter Noise, etc.)
Region Tool	All
GD&T	All (2D+3D)
Inspection	Single-Result Inspection
Report Tool	All