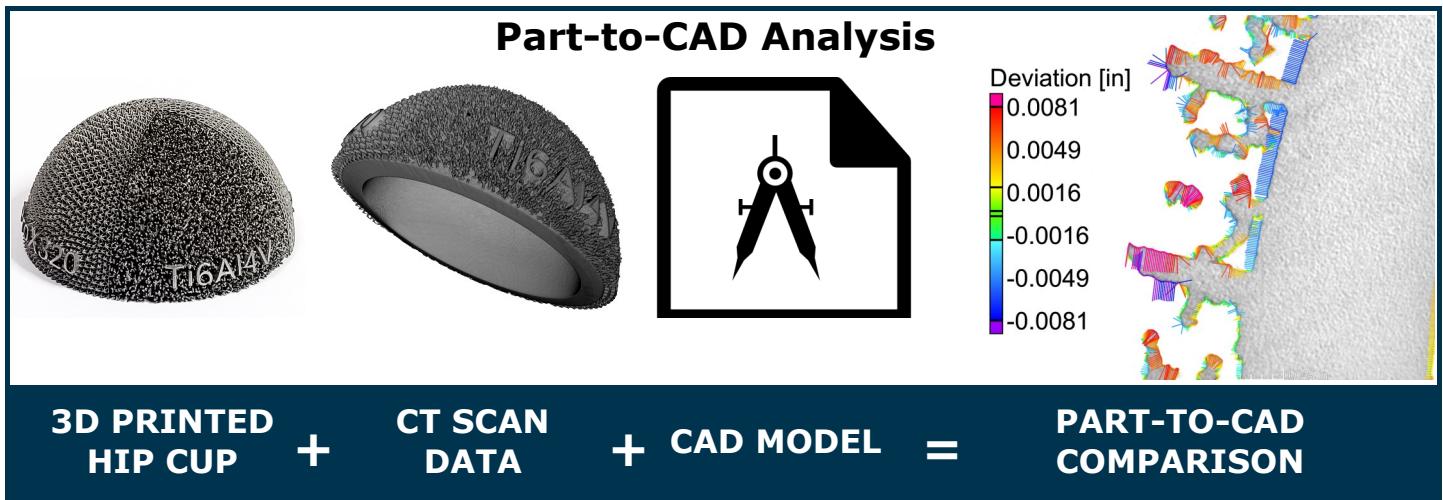
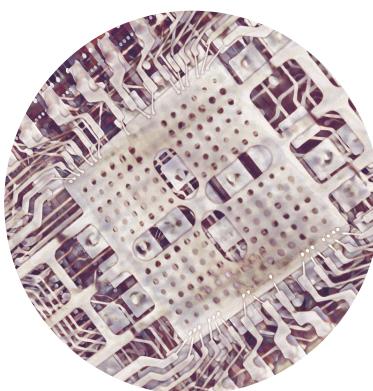
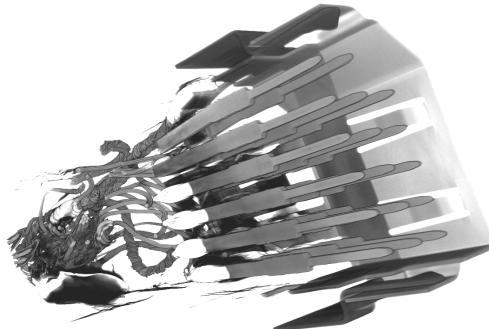


**Has Your Part Been Built as Designed?** Using industrial 3D CT and Volume Graphics software, we can lay the CAD model over the CT Scan data and generate a color-coded 3D model that shows the **internal and external discrepancies**. Virtually section any area of the 3D model to inspect for internal defects, perform quantifiable **porosity/ inclusion analysis** and more — all without altering the original condition of your part.



### Inspecting a Multi-Component Complex Assembly

Today's manufacturing and quality engineers use Computed Tomography (CT) to **inspect internal details** of complex assemblies in order to verify proper assembly, investigate a failure and achieve first article inspection requirements.



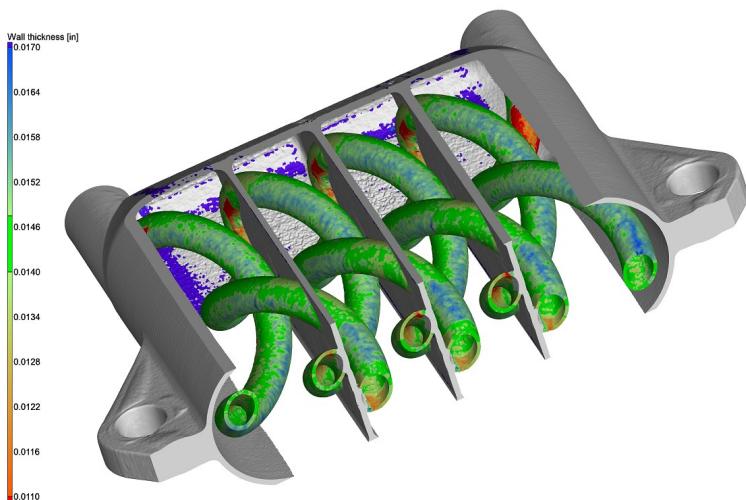
### Identify Electronic Component & Fitment Issues

CT provides the ability to **verify the quality** of electronic BGA/PCB production & assembly processes. Inspect components & connectors to identify internal shorts, opens, solder voids, inclusions and alignment issues. Using our included software, customers can virtually slice into any area of the 3D model.

**Failure Analysis · Weld Inspection · Internal Part-to-CAD · Assembly Verification**  
**Crack Detection · Wall Thickness · Porosity Analysis · Product Quality Screening**

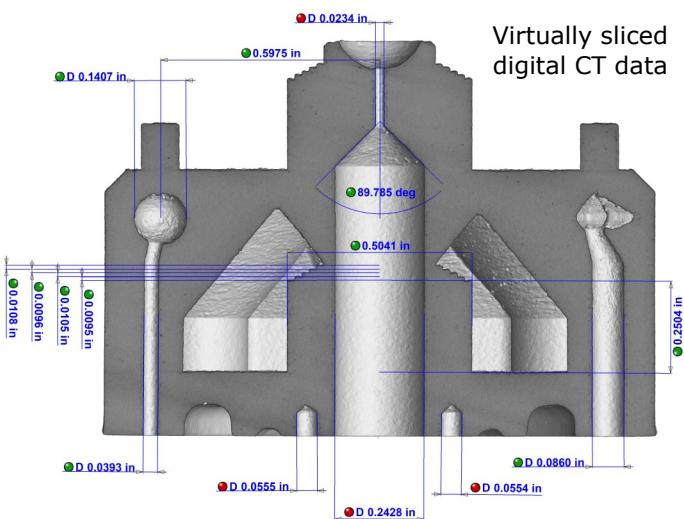
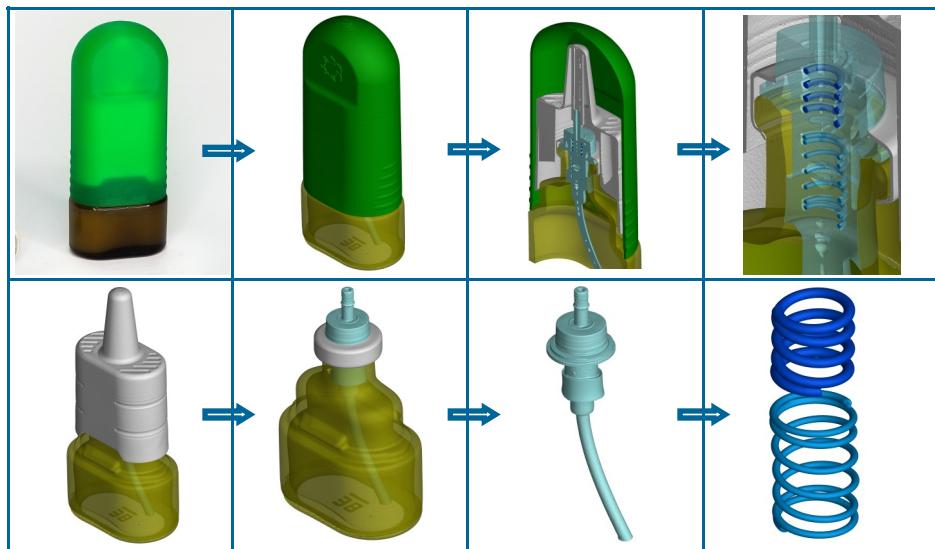
# Delphi Precision Imaging

Email: info@DelphiPrecisionImaging.com



# **Segmentation of Nasal Spray Device for Failure Investigation**

Using Volume Graphics analysis software, we can post-process CT scan data to **isolate the individual components** of a complex assembly based on density, surface determination and gray scale boundaries. This allows us to verify quality, check for component fitment issues, inspect seals or even reverse engineer a product.



## **Internal Dimensional Inspection**

Obtain **GD&T measurements** for both **internal** & external features with Industrial CT that cannot be done with traditional methods.

Engineers can non-destructively inspect and measure complex internal features, view results in a color coded 3D model to quickly highlight deviations and review detailed GD&T reports.