

CRUXTONE

ENGINEERING SERVICES

TO **MAXIMIZE VALUE**, WE **INCREASE**
QUALITY AND **DECREASE** COST.

QUALITY – COST = VALUE

WE DO THIS BY:

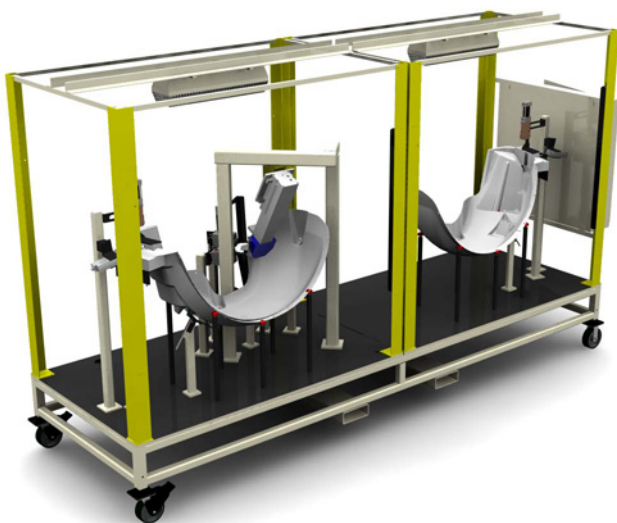
1. Open communication
2. Personal communication
3. Low overhead
4. Suited talent
5. Suited technology
6. Availability



PRODUCT DEVELOPMENT

CRUXTONE product development is well versed in what it takes to reduce cost, improve designs, and design for manufacturability.

With our vast knowledge in material selection, product design, and environmental concerns, CRUXTONE is dedicated to building a better tomorrow. We work with your industrial designers, or our own to translate conceptual designs into reality.



REVERSE ENGINEERING

Whether it is using data from napkin drawings or 3D point clouds, CRUXTONE's vast engineering background and point cloud tools can provide suitable solutions to your reverse engineering needs.

We work with laser scanned data or we can have parts scanned to duplicate and modify existing products with no tooling information. Our tolerances and deliverable formats are flexible to your demands.

REVERSE ARCHITECTURAL SERVICES

Reverse architecture is our solution to creating prints, renderings, and animations from existing building structures and landmarks. Our partners can scan your structures using long range scanners. Then, architectural professionals will translate these scans to 2D blue prints, conceptual renderings, and animations.

This is helpful in plant layouts and documenting existing structures. Many customers of RA have existing structures they need to modify or "add-on" new structure. By documenting the existing structure, customers can more efficiently plan the new revisions.

THE CRUXTONE COMMITMENT

Quality | Value | Communication | On-time

COMPUTERAIDED DESIGN

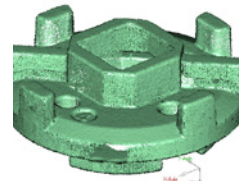
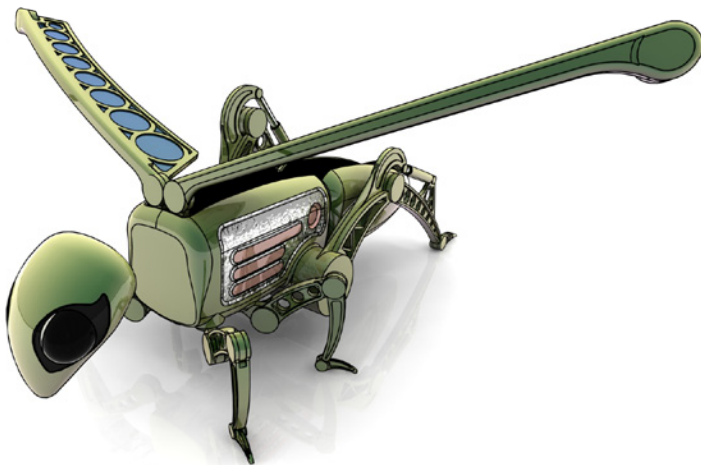
Using your existing drawings, parts, or files, our engineers provide updated drawings that conform to your current standards.

We work with your engineering group to transfer data from old file formats such as hand drawings and 2D drawings to native 3D cad files. We work with your libraries and settings to deliver a seamless integration.

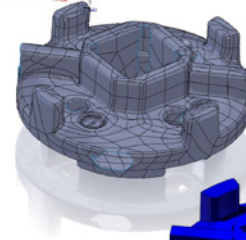
Need help developing standards or databases? We can help there too. Our team has successfully built libraries of common parts, assemblies, library features, notes, and blocks. We have worked with many companies to improve their databases so their engineering teams can focus on design.

Converting legacy data saves time and effort in the future. CRUXTONE can convert any 2D geometry and most 3D geometry to SolidWorks, ProE, Unigraphics, Inventor, or even Catia V5.

In some cases, converting hand drawn 2D legacy data can be costly, especially when it is unnecessary to change the drawings. In these cases, we can deliver high resolution PDFs to aid in electronic searchability, keeping all of your data in one place.

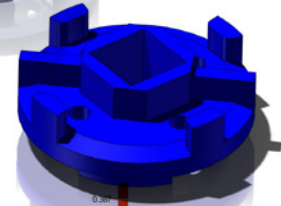


POINT CLOUD

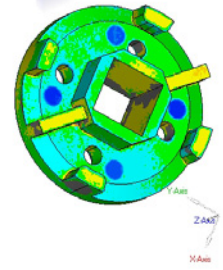


NURBS

CAD



COMPARE



ON-SITESUPPORT

CRUXTONE's ability to offer on-site support puts our talent where you need it. If you need help but do not want to make a commitment to hire and cannot send the work off-site, we can help. By offering on-site support, we become an extension of your engineering core team. You pay for support when there is work, reducing non-value added overhead.

In addition, by bringing on a CRUXTONE team member, you get the benefits of a full team, with just one extra workspace. Bringing on a CRUXTONE project manager allows you to utilize CRUXTONE's vast support network bringing in specific talents needed to complete specific projects.

ABOUTUS

CRUXTONE is a nimble team with complimentary backgrounds. We take the time to understand our customers' needs to assemble the right team and solution suited to your needs. We deliver effective results efficiently.

Teaming full-time employees with independent resources skilled in a myriad of different disciplines on various formats and equipment allows CRUXTONE to retain lower overhead and better communication than our competitors. Being tight allows us to stay in constant contact with our customers, allowing them to know the status of their projects at any given time while keeping costs low.

CONTACTUS

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