

Automatic Inspection Sequence Reports

Save time and improve accuracy by generating in-process inspection instructions and documentation from VERICUT's simulated in-process machined features!

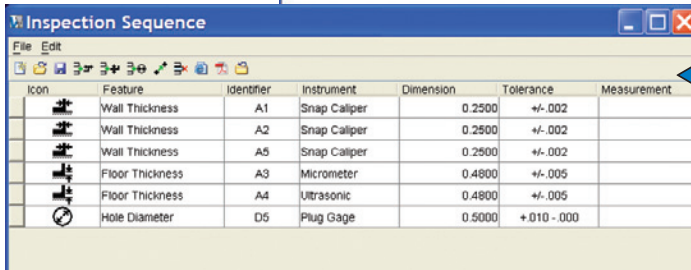
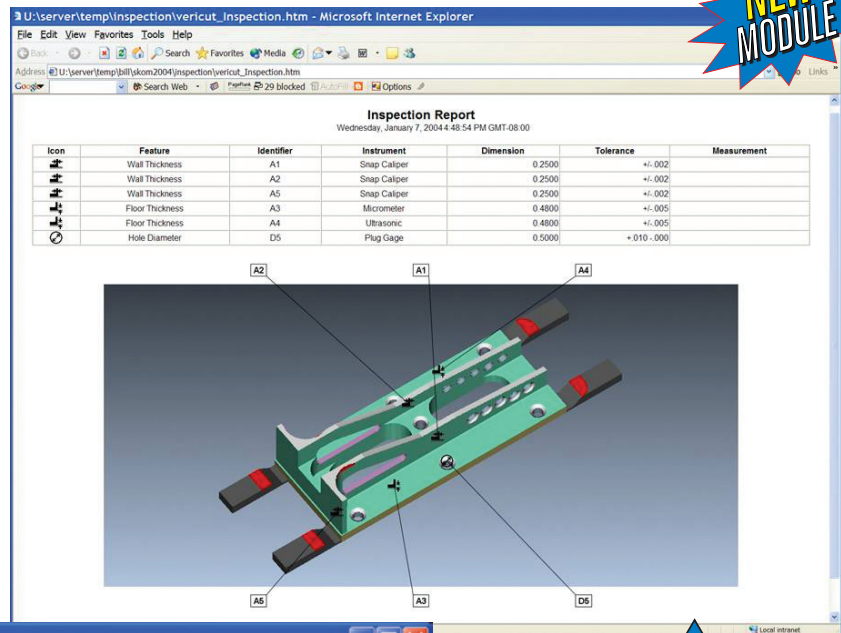


Like most quality manufacturing companies, in order to maintain accuracy and stay within tolerances, you probably inspect your parts at various times during the machining process. And you likely create inspection instructions to document the results. There are many ways to create a series of inspection instructions. But, in the absence of an electronic "in-process" model of the part, they are manual methods that require a certain degree of technical expertise. These time-consuming methods are performed with limited knowledge of the state of the in-process material and are therefore prone to error. **Now there is a better way!**

VERICUT 5.4 can automatically create inspection instructions, complete with in-process feature dimensions!

This helps establish a formal, but simple and efficient method to create and document inspection procedures.

The inspection report is highly customizable using a simple template (examples are included). Creating the inspection sequence instructions is quick and easy because you use the in-process, "as-machined" model to graphically describe which features to inspect. To add inspection points, just click on a cut feature – VERICUT then identifies the feature, automatically extracts feature sizes from the electronic in-process model, and applies a standard tolerance for the measurement! You can add any additional instructions and select the measuring instrument from a list. When the inspection sequence is completed, an inspection report can be saved in standard HTML or PDF format for easy printing or sharing via email.



Using the VERICUT model, click on the part features to be measured. Add additional instructions and select a measurement tool... then VERICUT automatically creates the inspection sequence!

After VERICUT creates the inspection sequence, you can export the Inspection Report in HTML or PDF format!

- Reduce engineering time
- Improve communication and quality by formalizing what is already being done
- Reduce production time by providing clear instructions
- Minimize production errors with thorough, accurate instructions
- Decrease documentation error by using the actual geometric data
- Provide timely information which accurately represents the real process across all departments

"In-process inspection accounts for very high percentage of our total production time. We use VERICUT's Inspection Sequence to significantly reduce our in-process inspection time and improve production quality and efficiency."
 - Alfred Lilla, Manager of NC Programming
 EADS Augsburg