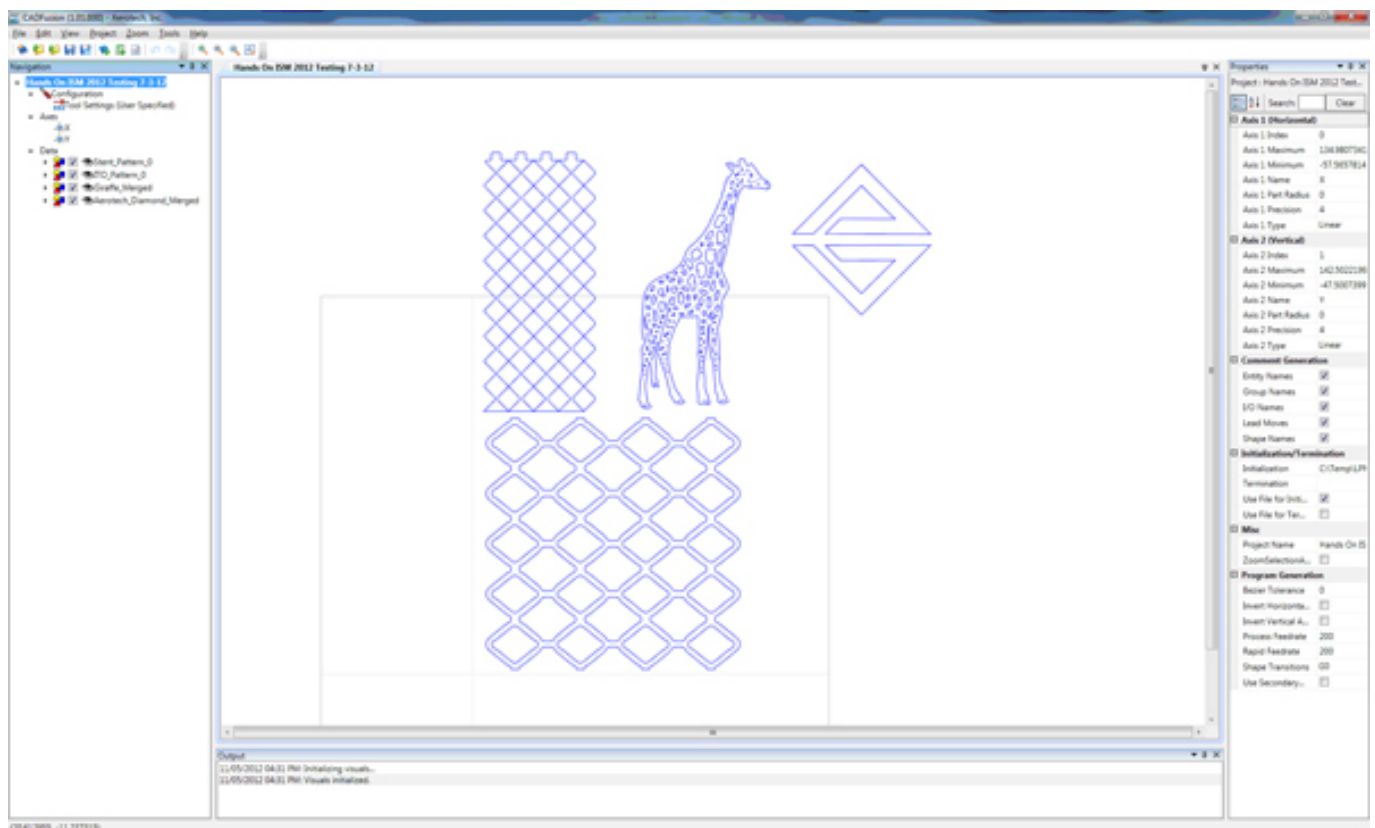


Software generates motion programs directly from your CAD drawing

CADFusion bridges the gap between part drawings and motion control. Users need only import a vector-based DXF drawing into this easy-to-use environment to see the resulting tool path graphically on CADFusion's canvas. Part optimization is easy and intuitive with shape re-ordering, feature scaling, and rotational/translational features at your fingertips. Overall process management, including local and global feed-rate control and lead in/out moves, can be automatically configured in advance so that every import file produces a consistent motion control program.



Design features

Upon import, CADFusion automatically parses the incoming pattern into well-defined shapes and entities, which can be easily manipulated by the user to adjust their size, rotation, and position on the canvas. Import settings are simple to configure and allow broad flexibility to automate features that users may want to establish as standard for every imported drawing. Upon drawing export, CADFusion compiles a full motion control program, automatically inserting user-defined initialization and process trigger events. Program automation is enhanced by CADFusion's ability to insert user-defined code at the beginning and end of any auto-generated motion program, and laser/process definitions and firing events can be specifically tailored by the user and called automatically by CADFusion during program compilation.

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