

# software exchange

## **Solver Spots Contact Areas**

**Capability:** The NEiNastran V9.0 solver automatically recognizes contact areas and generates surface contact or weld elements, saving significant time during model setup of analytical tools. The program contains a fully automated interface to handle surface contact and weld element generation in assembly models. Previously, users had to specify which surfaces were in contact, which could be time-consuming for models with many contact surfaces. V9.0 adds a single command interface to specify the type of contact (general, welded, bidirectional sliding, or rough). Welded contact allows users to move parts around in their model without having to redefine anything.

**Hardware:** PC running Windows, Linux, and Unix in stand-alone and networked configurations.

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**Cost:** \$1,500 to start.

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