

# EMI. Surround the Problem With Steel Conduit.

GEMI  
Software Seminars  
Call Georgia Tech  
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ElectroMagnetic Interference (EMI) can significantly reduce the effectiveness of computers and other sophisticated electronic equipment. The invisible electromagnetic fields created by power distribution systems can cause: distortion of monitor images, the alteration or destruction of valuable electronic data and the disruption of communications to process control equipment.

## Specify Steel Conduit At The Design Stage

Surrounding electrical conductors with steel conduit can drastically reduce electromagnetic fields. It's a solution that's most practical while the building is still on the drawing board. Retrofitting to provide EMI shielding can cost up to

four times the price of installing steel conduit initially.

Steel conduit not only provides EMI shielding, it's adaptable to system changes over the years and provides excellent grounding and physical protection.

## New Software Aids System Design

The new **Grounding and ElectroMagnetic Interference (GEMI)** analysis software, developed by Georgia Tech is now available, free, to qualified users. It accurately calculates electromagnetic field density under specific conditions. This helps you analyze existing electrical systems and design new ones that can significantly reduce EMI.

For a free copy of the new Windows® GEMI software, contact the Steel Tube Institute of North America, 2000 Ponce de Leon, Suite 600, Coral Gables, FL 33134. Phone (305) 421-6326 or get in touch with any member of the STI Conduit Advisory. Email: [STINA@steeltubeinstitute.org](mailto:STINA@steeltubeinstitute.org) Website: [www.steelconduit.org](http://www.steelconduit.org)



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