



# AD-TECH *inc*

*It's the service that counts!*

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## Pro/ENGINEER Piping and Cabling Extension

### Piping and cabling design and manufacture

The typical design and manufacturing processes for pipe systems and electrical harnesses are not optimal. Usually involving manual routing through prototypes, it is time-consuming and error-prone. The Pro/ENGINEER Piping and Cabling Extension offers a better solution. Its ability to extract logic from schematics automates 3D pipe and cable routing. And, associative manufacturing and documentation tools reduce errors and rework.

### Capabilities & Benefits:

- Logically reference Pro/ENGINEER Routed Systems Designer schematics to capture all relevant systems information
- Full routing capabilities, including automated ribbon cabling and specification-driven design and auto-routing, speeds design and adheres to design rules and schematic logic
- Includes a customizable library of standard fittings and connectors that fosters design speed and re-use
- Manufacturability and interference checking eliminate need for physical prototypes
- Associative harness manufacturing capabilities include automatic development of flat patterns
- Accurate documentation of isometric drawings, bend tables, nail board drawing, associative wire lengths, bills of material — enables cost-effective manufacturing

