



# Revolutionary Interactive Tool for design, documentation and management of complex interconnects for highly integrated systems

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## CableEquity™ - vision of connectivity Patent Pending Technology

CableEquity™ is the first interactive EDA/PLM solution for design, documentation and management from the TurboTools™ copper wires family tools.

CableEquity™ converts electrical information from commercial electrical CAD programs and guides the engineer from designing the first cable through the completion of complicated electrical interconnects and system-wide circuits for large, highly integrated systems (semiconductor, telecommunication, medical equipment; jet aircrafts; cars; servers; etc.). CableEquity™ ensures compatibility is maintained for all types of interconnects between systems, sub-system modules or PCBs (power, low voltage, signal, RF, low/high frequency), and manages noise issues. CableEquity™ generates output files in interchangeable formats to transfer designs to any mechanical CAD programs.

The software application automatically generates full sets of manufacturing documentation such as drawings, bills of materials, and proce-

dures. Today without CableEquity™ the process of designing and documenting a single cable takes about three days for two designers and a senior level engineer. They must collect and re-enter informa-



Design and full package of manufacturing documentation, using CableEquity™ software, for pictured cable could be complete in less than 15 minutes.

tion from PCB schematics, and electrical and electronics assemblies. They also need to select components (connectors, wires, labels, etc.) from dozens of manufacturers catalogs and manually enter part numbers and specs into bill of materials and manually draw drawings. No matter how conscientious and professional they are, because of the numerous manual inputs in the current design process, errors

are impossible to avoid.

Rather than to force the engineer to search through a catalog index or table of contents, CableEquity™'s turboSearch™ quickly finds one or more components that meet the proposed requirements. The search engine helps to narrow the component options once the engineer has the design details. turboSearch™ uses attributes rather than part numbers or manufacturer names, which in most cases are unknown to the engineer. This way, any recently introduced components from available manufacturers will also come up in the search. All of these functionalities will enhance the design process, cut down costs, and significantly streamline and speed-up the entire product lifecycle.

TurboTools™ Corporation provides superior suite of software applications, which is positioned to become a comprehensive design and manufacturing environment for every engineer, scientist and R&D group.

tion Group, Applied Materials Inc. (formerly Etec Systems, Inc.)

"Very powerful and useful tool!" *Kaya Erk*, President, Kycon, Inc.

## Feedback from Professionals

"We could use a product like yours at Etec starting NOW and I need to get it in the hands of my engineers. Not a day goes by that I don't see the benefit of your product and its payoff," *Steve Murdoch*, Automation Manager, Mask Production Group, Applied Materials Inc. (formerly Etec Systems, Inc.)

"I will buy the CableEquity software for every engineer in my department," *Raj Chhibber*, Director of Engineering, Nanometrics, Inc.

"In all my years as an engineer, I have not seen such an easy to use and helpful software solution for cable design. A real time saver!" *Steve Murphy*, Mechanical Engineer, Mask Produc-

## Breaking News

### Unique Features:

- SMART Dynamic Translator™
- Intuitive GUI
- Automatic Revisions Control
- Track System-wide Connectivity
- DRC - Design Rule Check
- Design Reuse
- Simultaneous Multiple Designs
- APLI™
- Automatic Drawings Generation
- Automatic BOMs Generation
- Reversible Design
- SIMSA™ and SDFATM
- Infrastructure Management
- Cost and Asset Management
- And much more...

### Significant Benefits:

- Error Free environment!
- Eliminate manual design process
- Decrease products' time-to-market
- Significantly decrease interconnects design time
- Tremendously reduce interconnects design cost
- Bring design standard across the industries
- Completely integrate with company-wide engineering, manufacturing and purchasing processes
- Cut down purchasing time of required components
- Combine different engineering skills under one software
- Improve engineer productivity and revenue per engineer
- Time-to-value capabilities