



Media Release 20th December, 2000

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For Immediate Release

Free PCB CAM viewing software

Sydney, Australia – December 20th, 2000 – Protel International Limited, a leading developer of Windows-based electronic design software, today announced the release of the CAMtastic!® 2000 Designers' Edition PCB CAM viewer. This viewer, freely available to download from www.camtastic.com, will provide anyone in the PCB industry with an easy to use visual verification tool. The device will enhance communication between CAMtastic!® 2000 Designers' Edition users and any third parties involved in the design process by allowing users to view, print, inspect and generate reports based on loaded data.

It is expected that CAMtastic!® 2000 Designers' Edition users will be able to benefit from the package by passing it on to parties such as QA, management, testers, document control personnel, librarians, fabrication and manufacturing shops, or even customers – freeing up the design flow through effective communication, and ensuring quicker time to market.

The viewer provides designers with a simple, easy to use, visual verification tool for Gerbers, Drill, Mill/Rout, HPGL/2, DXF, AutoCAD DWG, and more. By allowing its users to view, print, inspect (measure, query, etc), and generate reports based on loaded data, the viewer will serve to enhance productivity through communication in all elements of the design process, both internal and external to an organization.

PROTEL CORPORATE HEADQUARTERS

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Viewer Features:

- ? Instant loading and auto-detection of all Gerber formats (274D, 274-X, Fire9000) along with any aperture list(s) by simply "Clicking a Button."
- ? Other data formats include: DXF, AutoCAD® Drawing (*.DWG) files, Excellon Drill, Excellon Mill/Route, HPGL, HPGL2, with more inputs continually added.
- ? Support for filled polygons & voids, circular interpolation (true arcs), step & repeat, composites, transcoding, custom apertures & macros, translucent viewing (see-through), view differences, 10 object snaps, many zooming & navigation tools, and customizable hot-keys & tool bars.
- ? Inspection features include query object (Layer, Dcode, Location, Area, Distance, etc.), measure (Point to Point), and PCB Report for easy analysis and extraction of data required for PCB sales quotations.
- ? Detailed reports include information such as critical dimensions (minimum trace width & gap spacing), overall PCB dimensions (size, area, perimeter length, number of cutouts), surface mount pads (minimum pad & pitch, total number), gold fingers (length, width, area), drill holes (total, number of sizes, min & max hole sizes used), vias (total, sizes, number of buried, number of blind), and much more!
- ? The viewer can also calculate area for gold body & immersion boards, and allows you to create fab drawings from drill data.

The viewer is readily available for download from the CAMtastic!® website at www.camtastic.com. Once downloaded, the CAMtastic!® 2000 Designers' Edition Viewer may be freely and easily distributed at the user's convenience.



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About CAMtastic!® 2000 Designers' Edition

CAMtastic!® 2000 Designers' Edition is the software that gives you all the power, speed and ease of use you need to handle critical manufacturing information. By allowing designers to take control of the production process, CAMtastic!® 2000 Designers' Edition includes all the advanced features needed to increase productivity, shorten design cycles and assure superior product quality – because even the best design isn't complete until it rolls off the production line. CAMtastic!® 2000 Designers' Edition includes:

- * Intelligent import and export tools
- * Versatile editing and modification tools
- * powerful print and inspection tools
- * Easy to use PCB CAM viewing software

Availability and Pricing

CAMtastic!® 2000 Designers' Edition is priced from \$695 for new licenses and from \$195 for upgrades. Available from all CAMtastic!® Sales & Support Centers and authorized resellers.

Comprehensive CAMtastic!® 2000 Designers' Edition product information and the fully functional 30-day trial version of the software is available free to download from the CAMtastic!® website at www.camtastic.com, or upon request from CAMtastic Sales office.

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About Protel International Limited

Protel International Limited (ASX: PRI) is a leading global developer and supplier of desktop electronic design automation (EDA) software for the Microsoft Windows environment. Protel software is used for electronic design and development across many industries including telecommunications, defence, medicine, science, and consumer electronics. Protel's customer base includes IBM, NASA, Motorola, Hewlett-Packard, Canon, Fujitsu, NEC, Sony, BMW, Alcatel, Daimler Benz, Philips, CSIRO, Nokia and Telstra.

Protel was founded by Nick Martin in 1985 and by 1991 the Company had firmly established itself as a key player in the EDA industry with the release of the world's first Microsoft Windows based EDA tool. Since that time, Protel has continued to apply the most advanced software design methods to create powerful, easy-to-use and affordable solutions to electronic designers throughout the world.

Today Protel has over 170 employees worldwide, and is headquartered in Sydney, Australia. Research and Development activities are conducted at the company's Australian and United States offices. The company operates a number of sales and support offices in Australia, the United States, Japan and Europe and maintains a large reseller network in all other major markets.

More information about the company and its products and services may be obtained from <http://www.protel.com>

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