HyperStudio™ PINEBUSH Technologies
Software To Print Your World.
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# Pinebush Technologies HyperStudio™

## *Suite of Tools for the Physical Design Engineer*

Pinebush Technologies is unveiling its multi-tiered data access architecture designed to enable near-seamless access to all of the EDA developing layout standards. With its long standing, industry standard HyperPlot® rasterization technology, Pinebush has significant expertise in developing, managing, and test of multiple data types. HyperPlot rasterization technology currently supports eleven different input formats, and eleven different output formats on five different operating systems. HyperVibe creates a terrific low-cost viewing environment for the industry standard GDSII and Oasis formats. HyperX enables the physical design team to create their custom or semi-custom flows with the venerable GDSII or any of the two standard layout formats that are emerging. With APIs consistent across the different formats, HyperX provides the user with multiple layer and cell operation tools, as well as a means to create their own integrated utilities

**HyperPlot 6.0**, the foundation for HyperStudio, includes the new Oasis layout format and Cadence 6.1 formats, as well as support for 64-bit Linux for the most demanding performance and capacity problems. HyperPlot comes bundled with multiple input formats, multiple output formats, printer and plotter drivers, as well as HyperViewer™ with Annotation. HyperPlot is a complete raster imaging solution for all engineering disciplines. With HyperViewer helping to save on expensive ink and paper, HyperPlot is the lowest total cost solution.

**HyperPlot** supports an array of input formats: Oasis, GDSII, Cadence, Mebes, CIF, GIF, TIFF, JPEG, Postscript, PDF. HyperPlot also supports virtually every plotter and printer available, including HP DesignJet, Encad, Xerox, and even desktop printers. HyperPlot can rasterize to industry-standard output formats including Postscript, PDF, JPEG, and TIFF.

**HyperVibe™** is a full-featured layout viewing tool that offers easy navigation and querying of integrated circuit designs. HyperVibe quickly reads and displays GDSII and Oasis files and includes an interface to HyperPlot. HyperVibe offers a cost-effective means for a design team to analyze the design without tying up costly editor licenses.

**HyperPDF™** for Unix enables the designer to have an easy one-touch solution for creating documents in PDF format. HyperPDF also includes the ability to save any EDA layout format to PDF format, enabling better documentation and communication.

**HyperX™** is a powerful set of data transformation tools enabling the user to power their own physical design flow. As well as being the basic building blocks for the HyperX modules, Pinebush is making the fundamental core APIs available to engineers who want to create their own in-house proprietary modules. Currently available HyperX modules include conversion to and from GDSII and OASIS integrated circuit layout formats, as well as modules to extract data, replace and merge data, and manipulate layers and specific cells.


### *About Pinebush Technologies, Inc.*

**www.pinebush.com**

PINEBUSH Technologies, Inc., located in Albany, NY, is a worldwide leading developer and supplier of high performance visualization and analysis software for semiconductor (EDA), IC, CAD, GIS, A/E/C, engineering, mapping, scientific, and other technical applications. Pinebush Technologies' products are distributed exclusively by The Shearwater Group, Inc.

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