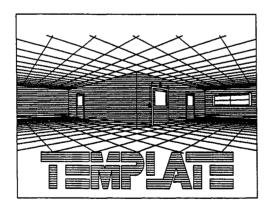
SYSTEMS INC.

TALARIS TALKS T_EX

We talk your language. Talaris Systems Inc. offers TEX users full TEX support through its line of TEX-compatible text and graphics software, its family of high quality laser printers, and its extensive library of METAFONT-generated TEX and LATEX fonts.

TEX AND GRAPHICS

We offer QDRIVETM, a T_EX-compatible text and graphics merging tool. QDRIVE processes T_EX-formatted text pages and merges them with automatically scaled and positioned embedded graphics, like so:



and/or overlaid graphics (see our logo above) for letterheads, borders, forms, grids and "rubber stamp" emulation. QDRIVE is available on VAX/VMS, DEC-10 and DEC-20.

LASER JOY

Talaris offers three fast, affordable, high quality laser printers: the Talaris 2400 (24 pages per minute), the Talaris 1200 (12 pages per minute) and the Talaris 800 (8 pages per

minute, desk-top). All are full page bit-map, 300-dots-per-inch text and graphics laser printers. Each functions as a line printer, a plotter (both vector and raster graphics), a Diablo-style printer and a typesetter.

TEXSUPPORT

TEXsupport is our software kit for TEX82 on DEC-10, DEC-20 and VAX/VMS based Talaris laser printers, and for TEX82 on VAX/Berkeley 4.1 or 4.2 UNIX based Talaris laser printers. Each TEXsupport kit comes with QTEX, our TEX82 DVI file post-processor.

TEXSupport comes with a complete library of 185 TEX and IATEX fonts (183 downloadable, 2 in ROM), spooler or symbiont enhancements, and TEX version 1.1, IATEX and SITEX at no extra charge. We also offer 4 optional TEX ROM font sets. (Our TEX fonts are completely compatible with Stanford's.)

FONTS FLASH!

Now available on the VAX/VMS: The VMS Print Server, also known as the Font Daemon. The Font Daemon provides automatic down-loadable font memory management. While your document is being printed, the Print Server dynamically loads for you any font it encounters in your text. It first checks to see if the referenced font has already been loaded, and if not, automatically loads it for you. If font memory is too full, it deletes the oldest unused font before loading the new one. (Bonus: the Font Daemon works with any text file, not just TEX text files.)

SYSTEMS INC.

WHY QDRIVE?

Question: Why would a TEX user want to use QDRIVE, our text and graphics merging program? Answer: Because QDRIVE has far more expanded capabilities than QTEX.

QTEX is our regular TEX driver; however, its power is limited. QDRIVE, on the other hand, has these expanded features:

- it accepts a variety of files as input—TEX DVI, word processing and ASCII (not just TEX DVI files, as with QTEX);
- it has powerful text and graphics merging capabilities (QTEX has none); and
- it gives far more control over output page parameters (you can specify no less than 11 of them, compared with QTEX's one).

WORDS AND PICTURES

QDRIVE simplifies two types of text and graphics merging applications:

- (1) "Internal overlays." These are figures to be embedded in TEX text on the output page. All you have to do is specify, from within the TEX input file, the size available for the figure and the location of the graphics file using the Talaris "grafix" macro. QDRIVE then scales the figure and prints it in the correct position on the output page.
- (2) "External overlays." These are whole page overlays that enable you to layer several different pieces of information onto the same page—much like transparent overlays used in viewgraphs. They're useful for layering logos, borders, forms, etc., onto TEX text.

QDRIVE also allows you to:

- mix vector, raster and "native" (printerdependent) graphics on the same page;
- overlay TFX output onto TFX text; and
- mix page orientations.

OUTPUT CONTROL

For those of us who have not yet mastered Chapter 23 of Dr. Knuth's The TEXbook ("Output Routines"), QDRIVE can be an invaluable aid in controlling TEX output generation.

Using QDRIVE's output parameters menu you can do the following:

- turn off automatic centering of TEX pages;
- control the placement of the TEX output page onto the printed page (by specifying the left, top and binding margins); and
- specify page dimensions and orientation.

By layering several TEX output files onto one page, you can create page layouts which would otherwise require writing a new TEX output routine. For instance, you can mix together, on the same page, output generated with both the dual-column and the plain TEX output routines. This greatly increases your productivity when creating unique, one-time page layouts.

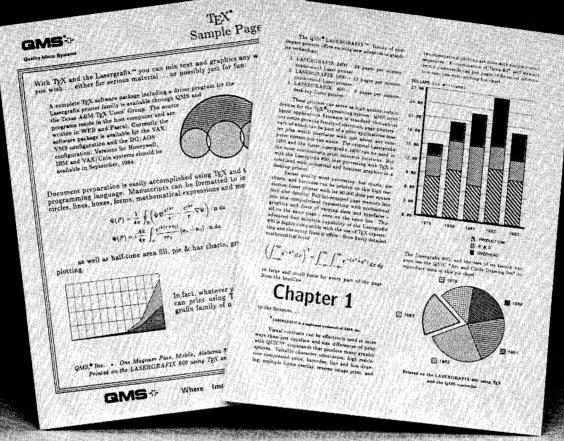
Why QDRIVE? Because of its powerful text and graphics merging capabilities, its versatility as a page layout tool, and its friendliness and ease of use.

For more information on our TEX-related products, call or write us today.

WE TALK TEX!

P.O. Box 8309, La Jolla, CA 92038 (619) 454-3363

COMBINING TEX AND GRAPHICS TAKES IMAGINATION.



With TEX software and a QMS Lasergrafix™ non-impact printer you can print just about anything you can imagine.

Documents with arcs, circles, lines, boxes, forms, mathematical expressions. Manuscripts with multiple fonts, halftones, pie charts, bar charts, graphs and vector plotting.

The reason?

All QMS Lasergrafix printers including the 800, 1200 and 2400 are equipped with the firmware necessary to merge high-resolution graphics and letter-quality text on the same page. In any configuration. At a remarkable 90,000 dots per square inch.

All it takes is imagination to combine TEX and graphics. As long as

you have a printer with intelligence. Ask for a demonstration of a QMS Lasergrafix printer today and we'll show you what we mean.



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TEXTSET, Inc. P.O. Box 7993, Ann Arbor, Michigan 48107 direct-typesetting services and software

TEXTSET offers a full range of services and products to TeX users.

DIRECT-TYPESETTING

Direct-typesetting from TEX DVI files, TEX source, and other formatting systems on an Autologic APS-5. Macro consultation and design. Wide range of fonts available including Computer Modern.

TEX SYSTEM CONSULTING

Expert consulting and programming services for in-house TEX users. Design and implementation of complete working TEX systems.

- preprocessors
- TeX installation
- macro package design
- device drivers
- font assistance
- system integration
- special applications support
- programmer level instruction

TEX SOFTWARE

TEX Package software for Sun Workstations.

 $\ensuremath{\text{T\!E\!X}}$ Screen Preview for Sun Workstations.

DVIXER for Xerox 8700 and 9700.

Device drivers for other selected printers.

Multiple copy discounts, site licenses, and maintenance agreements available.

For more information call Bruce Baker at (313) 996-3566.

More than just a pretty face.

The Metafoundry is dedicated to the creation of beautiful digital typefaces with META-FONT. But, Metafoundry fonts are much more than beautiful. Each has a TEX Font Metric (tfm) file, containing all the kerning, ligature and character size information needed to get the most accurate typesetting. Not only are Metafoundry fonts fully TEX-compatible, they can also be adapted to other systems.

Using METAFONT helps us keep down the cost of changing resolutions and we pass the savings on to you. When you license our fonts, you are entitled to a substantial discount on those fonts in different resolutions.

ROMAN Chel Sans Serif Copperplate Schoolbook

The above are the major families in our catalogue. Also available are:

- Roman and sans serif monospace groups,
- Mathematical and scientific symbols, including extensions,
- Foreign language alphabets (Greek, Cyrillic, Azeri and Slavic) including diacritics.
- The International Phonetic Alphabet.

The Metafoundry's fonts are available in point sizes ranging from 4 to 96 points, at resolutions of 100, 200, 240, 300, 400 and 480 dpi (custom resolutions negotiable). Most fonts are available in text and italic, and in four weights (regular, medium, bold and extra bold). And The Metafoundry's designers are willing to undertake custom and logo design work.

The Metafoundry[™]

6565 Frantz Rd. • Dublin, OH 43017 • (614) 764-6087

The original of this ad was printed with Metafoundry fonts at only 300 dpi.

TEX CONSULTANT

Michael Spivak

Author of the A_{MS} - T_{FX} macro package

Write: ^c/_O Publish or Perish, Inc. 1001 Jefferson Plaza, Suite 112 Wilmington, DE 19801

Phone: (713) 523-5700

INSTRUCTORS WANTED - PART TIME

The TEX Users Group is accepting applications from qualified individuals to teach TEX-related two-, three- and five-day seminars at various locations in the U.S. and possibly abroad. Subjects include, but are not limited to, TEX for beginners, TEX for intermediate users, AMS-TEX, font design, output devices, document design, output routines, macro writing, TEX macro packages, integration of text and graphics, and tutorials for TEX users.

Fee, plus expenses. Send resumé, with description of qualifications, to Ray Goucher, TEX Users Group, P.O. Box 9506, Providence, RI 02940-9506, U.S.A.