Now GEN.II™ delivers Tek 4010/4014/4027 compatible graphics on your VT100, VT101, VT102, VT103, VT131, or VT132.

Generating cost-efficient yet sophisticated images on your DEC™ terminal first begins with your choice of VT100™-Series displays. Then add Digital Engineering’s GEN.II Retro-Graphics terminal enhancement. Our plug-in upgrade transforms an otherwise “dumb” terminal into a multi-featured bit-map graphics workstation, capable of plotting complex business and technical renderings. In a raster-scan resolution of 900 by 480 and in concert with your Tektronix®-based program. But best of all is a Retro-Graphics terminal enhancement costs only a fraction of what you'd pay for an equivalent graphics terminal: about $1200-1800, depending on the GEN.II model you order.

Introducing GEN.II Retro-Graphics for DEC.

More graphics power and Tek™ simulation.

An easily installed PC card assembly, our second-generation enhancement provides emulation of the Tektronix 4010 graphics terminal plus one-color simulation of the Tek 4027 color graphics terminal.

And for extra power — and compatibility with your existing or future Tek 4014 applications programs — GEN.II for DEC also features one-color 4014 simulation. With little or no software modification.

In addition, GEN.II's 32 Kb of "local" intelligence ensures that images come up quickly — and costly terminal-host data transmissions are held to a minimum. And because GEN.II is based on industry-standard Tektronix protocol, graphics programming and operation are considerably eased. Case in point: by entering from the keyboard or computer the following command string

```
PIE 100, 0, 360, 45
```

an eight-sided polygon with a radius of 100 will be plotted and its interior will be filled with a shading pattern (GEN.II maps 4027 colors to dithered shades).

With similar high-level command strings, GEN.II will also perform arc and vector drawing, Define and shape text characters, Store and recall graphs. And, while in 4014 mode, perform additional graphics annotation using all four 4014 character sets. And you get all this with no loss of existing terminal features.

Software compatibility ensures your long-term investment.

Since our GEN.II products for DEC provide 4010/4014/4027 compatibility, their use with utility and applications programs, whether now or in the future, is guaranteed. Currently, more than 20,000 Retro-Graphics products are performing successfully on graphics programs such as DISSPLA®, TELLAGRAF®, PLOT 10™, "Template", DI-3000™, and ILS®.

Graphics I/O and solid backup throughout.

Digital Engineering has built a solid foundation of "user-chosen" interactive tools for GEN.II. For instance, a crosshair cursor and light-pen port (for our optional light pen) are standard features, while optional interfaces allow you to simultaneously interact with a digitizer while outputting to an impact or non-impact serial printer and video device.

Comprehensive documentation assists at every level of operation. A worldwide distribution network assures prompt delivery and backup. And whether you tap our service network or opt for on-site service — from one of the largest field service organizations in the world — your needs will be quickly met.

DEC's VT100, VT101™, VT102™, VT103™, VT131™, or VT132™ and Digital Engineering's GEN.II Retro-Graphics — for high-grade imaging in a low-cost graphics system.

Call us today for full details, demonstration, and the name of your local Retro-Graphics distributor — your "one-stop" source for graphics.

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See us at NCC booth #D230 and DEXPO booth #424

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