Let your imagination
tion run wild, not your budget.

Introducing the Grinnell 2800 Image Processing/Graphic Display System.

Whatever your mind can imagine, the new Grinnell 2800 System can visualize. And it does it at an astonishingly cost effective price.

Power and flexibility in a compact system.
For 512 x 512, 512 x 640, 480 x 640, 1024 x 1024 and 1024 x 1280 graphics, image enhancement and image processing, the 2800's exceptionally fast, easily programmed distributed computing architecture (built around a high-speed bit slice processor) puts an incredible repertoire of graphics instructions and image processing capability at your disposal for a wide range of monochrome, 3-color and multi-spectral applications.

Exactly what you need, when you need it.
Because of its unique, modular design, the 2800 System can be sized to your specific needs without sacrificing performance, allowing for multiple, modular processors and controllers for parallel, multi-spectral processing. And each processor is individually programmable, letting you manipulate input, graphics and imaging for simplified operation and maximized throughput.

For added cost-effectiveness, each video controller is associated with an ultra-fast pipeline processor. And should you need it, an optional microprocessor (Motorola MC68000, 512K RAM, 32K PROM) for Command Control Processing.

Programmable for your applications.
With the 2800 System, its microprogrammable System Controller gives you the choice of using standard or special instruction sets, with the option of downloading from the host computer or through the Command Control Processor. The CCP can also be programmed to interface with your choice of interactive control devices and off-load frequently used routines from the host computer. In addition, the system's Intelligent Host Interface offers you several data transfer modes to further enhance throughput.

Now imagine how it can work for you.
Compare its performance to anything on the market. Then, when you compare prices, you'll buy Grinnell. For details, write or call (408) 629-9191. Whether you're an OEM, end user, or involved in educational or industrial research, you'll agree: the Grinnell 2800 lets your imagination run wild, but not your budget.

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