**DISCOVER The FPS-100 Solution**

**Eight Million Floating-Point Operations Per Second**

**THE SYSTEM BUILDERS' CHALLENGE**

Your users demand more detail in computer-generated images, displays that move or change faster, or data reduction and analysis that's ready sooner. Call it super-computer computation speed and precision. It used to be available only from large, expensive mainframe computers. Now there's a fully-programmable mini-sized, mini-priced alternative.

**THE FPS SOLUTION**

If your product uses a general purpose minicomputer for numerically intensive computations, you should investigate the FPS-100. When connected to a mini, the FPS-100 makes a low-cost system with supercomputer capabilities.

![Mini + FPS-100 = Super Computer Performance](image)

Performance improvements of more than 200 times are possible, depending upon your application.

**EASY TO INCORPORATE**

An extremely high performance real-time arithmetic processor designed to crunch reams of data and handle complex computational tasks with relative ease ... and at minimal cost. The FPS-100 is completely programmable and it's adaptable to a variety of host computers, using either integer or floating-point formats. It executes up to 8-million floating-point operations per second with 8-decimal digits of precision ... satisfying most applications.

**EASY TO USE**

We make the FPS-100 easy to use with two FPS-100 Resident Real-Time Operating Systems, and comprehensive development software such as a special FORTRAN Cross Compiler, Assembler, Simulator, Debugger, General Math Library of 250 routines, an Image Processing Library and a Signal Processing Library. With these effective tools, your investment in development time is minimized.

**THE TREND IS CLEAR**

Discover the FPS-100 solution, as have those OEMs and System builders who are leaping ahead of their competitors in applications such as CAD/CAM, Image Analysis, Real-Time Signal Processing, Seismic Analysis, and Nondestructive Testing.

Contact your nearest FPS Sales Engineer for more information.

**FLOATING POINT SYSTEMS, INC.**

...the world leader in array processors.

CALL TOLL FREE (800) 547-1445
Ex. 4999, P.O. Box 23489 (S 500),
Portland, OR 97223 (S 503) 641-3151,
TLX 360470 FLOATPOIN BEAV

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