Bitstream Press Release

Bitstream Inc. Athenaeum House 215 First Street Cambridge, MA 02142 617 497-6222 Telex 467237 Fax 617 868-4732 MCI Mail 324-3493

Date: Contact: June 19, 1990 Catherine Hartley Senior Public Relations Associate Bitstream Inc (617) 497-6222

Ashton-Tate Licenses Bitstream Speedo Font Scaling Technology

Bitstream Inc. today announced that Ashton-Tate Corporation (NASDAQ: TATE) has licensed Bitstream[®] Speedo[™] font scaling technology for use in future graphics products. Speedo technology provides on-the-fly font generation capabilities, allowing users to build fonts in the desired type style and point size immediately without exiting from the software application

Speedo is a compact and very fast program for scaling outline fonts and creating high quality bitmap fonts in any software application needing scalable type for screen displays. Speedo offers numerous character transformations, such as rotations at any angle, obliquing and mirror imaging, over a wide range of resolutions and sizes. The Speedo code size is very small (only 12 to 16K bytes) and uses no floating point math, which means that an 80x87 math coprocessor is not required to achieve this performance.

"Speedo's unmatched speed, compact size and high typographic quality will give Ashton-Tate a performance edge in implementing on-the-fly font generation in software applications," stated Bill Andrews, Vice President of Sales at Bitstream. "Ashton-Tate is a valued strategic alliance of ours, and we are glad to be able to offer them this enhanced capability."

An industry leader in typographic quality and innovative technology, Bitstream licenses fonts and enabling software to more than 360 equipment manufacturers and software developers worldwide.

#

BITSTREAM is a registered trademark and SPEEDO is a trademark of Bitstream Inc.