## INTELLIGENT PARADIGM INTRODUCES THE VIDEO EXPLORER™ 2:

## THE HIGHEST QUALITY VIDEO BOARD AVAILABLE FOR PCI COMPUTERS

**Cupertino, California, April 10, 2000** –- Broadcasters today are faced with choices; to continue with standard definition signals, or to move to high definition; to use digital or analog; to use 8-bit video or 10-bit video; to be restricted to a single computer OS, or to have a choice of platforms; to use video cards that provide sub-pixel accuracy, high-bandwidth, flexibility, configurability, filtering, effects, and expansion, or not.  For broadcasters looking for the products that do not force them to choose, there is the Video Explorer 2.  Since the basic Video Explorer 2 is HD capable, you can begin with a Serial Digital system and upgrade it to a HD system later, or you can start with a HD system.  As a result, video professionals will be able to realize cost savings and obtain high quality, while retaining flexibility with optimal choices.  In addition, you have the choice of which platform to use the Video Explorer in, Mac OS, Windows NT, or Linux.  This makes the Video Explorer 2 the video card of choice for video professionals.

The Video Explorer 2 is a new breed of video card based on true flexibility and performance.  Using MSICs™, the custom video processing chips from Intelligent Paradigm, the Video Explorer 2 allows a wider range of high quality video processing than was previously possible.  From SD to HD, the Video Explorer 2 is a high quality

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digital video engine which works with a variety of applications to support functions such as special effects generation, frame capture, character generation, wipes, video editing, animation, anti-aliasing, multimedia, filtering, modeling, rendering, etc.

The Video Explorer 2 surpasses broadcast-quality video requirements by providing for up to 16 bits per component video, with internal processing precision beyond broadcast requirements. No more rounding or truncation errors on video operations. The Video Explorer 2 can process live video sources, computer graphics, computer animations, and digital video all in real-time.

To add functionality, there is MediaBahn™, Intelligent Paradigm's enhanced bus architecture. Between chips, or between boards, this patented bus architecture allows expansion where you need it. Add another Video Explorer 2, other third party cards supporting MediaBahn, and the power of your system increases.

When you demand the highest quality video processing and video I/O, you want the Video Explorer 2.

In brief, the Video Explorer 2 system features:

* SD and HD support

* Cross Platform support (Mac OS, Windows NT, Linux)

* 32MB 'multi-frame' frame buffer

* Up to 16 bit per component support

* Supported scan rates: PAL, and HDTV (with appropriate I/O)

* Swappable I/O Daughterboards (Serial Digital 10-bit 2 in/2 out,

Component Analog, Serial Digital HD, etc.)

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* Genlock for synchronizing to input or reference signals

* Real-time systolic video processing

* Variable pixel clock up to 80 MHz

* Sub-pixel positioning and accuracy

* Feature module expansion capability

* Operates in multiple color spaces: Component (RGB, YIQ, YUV, Ycc, Y/C)

* Wide range of real-time systolic video processing and digital video effects powered by Intelligent Paradigm's patented MSIC™ technology.  Effects include, but are not limited to:  fades, wipes, blends, keying, embossing, filtering, compositing, and matting.

* Pixel Aspect Ratio: Variable (including ITU-601 and square pixel)

Intelligent Paradigm, Inc. is a digital media company with offices in Cupertino, California and Schaumburg, Illinois.  Founded in 1996 by George Sheng (CEO) and Brett Bilbrey (CTO), the company aims to establish a new paradigm for digital media with the introduction of MSIC technology.  The company has financial backing from several consumer electronics manufacturers and venture capital groups.

More information on the Video Explorer 2, the IPM-16 MSIC and MediaBahn can be found at:  http://www.intelligentparadigm.com.

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