The VSIPL (Vector, Signal and Image Processing Library) standard consists of definitions of over 500 scientific and engineering functions. It supports portable, high performance applications programming.

The standard is based upon existing libraries that have evolved and matured over decades of computing. These include functions for linear algebra, signal processing (FFTs, windowing, filtering and convolution routines), image processing, scalar functionality, and vector and matrix view functionalities (scalar, unary, binary and ternary operations).

The Verari Systems Software **VSI/Pro** is an implementation of VSIPL functions optimized specifically for the PowerPC and AltiVec architectures and is designed to be fully compliant with the emerging VSIPL standard.

As a commercial implementation, VSI/Pro is the immediate step between the VSIPL standard and your own specialized software application. The library is compatible with Wind River's VxWorks real-time operating system and supports the ANSI C and C++ languages.

Ordering Information

Model	Description
4986	Verari Systems Software VSI/Pro