



MicroGlyph Systems

Communication, Graphics, Data Visualization Software



New SciPlot .Net Released

The banner image shows a desert landscape with ancient stone structures. Overlaid on the image is the following text:

Visual Studio 2005 .NET
.NET Languages, Iron Python, Fortran
Unicode Languages
Online Documentation by SandCastle
Builds by MSBuild

Release Information

Development Environments

Visual Studio 2005 .NET
Win32 API

Computer Languages

Absoft Fortran, Intel Fortran, Lahey/Fujitsu Fortran
Visual Studio .NET 2005: C#, Visual Basic

Applications

SciComm - Data packets, command and control packets via serial ports
SciPlot - Graphics for analysis and visualization
SciSnet - Data packets via network connections

Software Products

System Platforms

All MicroGlyph products have been developed for two specific system platforms, Win32 API and .NET Framework 3.0. The Win32 API has been in use for many years on Windows systems. We have added a bridging C++/.NET library for SciPlot to allow access to all the .NET Framework 3.0 graphics functions. These functions are supported by the Microsoft .NET Framework 3.0. It is important to specify the correct MicroGlyph Product for the platform with which you wish to do your development (Win32API or .NET). All versions for your compiler choice (Win32API or .NET) will be included in your shipment.

Supported Compiler Configurations

Absoft Pro Fortran v10.0, Compiler Suite for 32-bit Windows – Win32 API
Intel Visual Fortran v9.0 – Standard – Win32 API
Lahey/Fujitsu LF95 PRO Fortran v5.7 – Win32 API
C# and Visual Basic – Visual Studio 2005 .NET

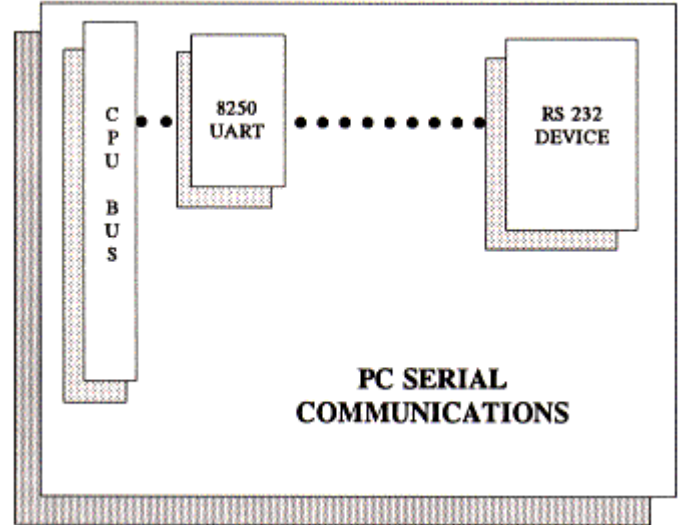
SciComm™ - Serial Communication Library

Applications

The SciComm library provides basic functions to control and communicate with multiple devices (laboratory instruments, telescopes, control systems) using RS232c serial interfaces. Control lines can be set to signal line status conditions. Machine to machine communication is available by interchanging data packets between two or among many machines (PCs or non-PCs).

Product Highlights

The SciComm Serial Communications Library provides multiple programming language support for up to twelve (12) serial ports. SciComm input and output buffering allows simultaneous two-way communications for asynchronous real time application development. A variety of baud rates are supported from 110 up to 256K with flow control provided by software XON/XOFF, or by hardware DTR/DSR, RTS/CTS signaling. Other features include: write string with date/time stamps, read with timeout or delimiter string, and queuing of output string.



SciPlot™ - Graphics Plot Library

Applications

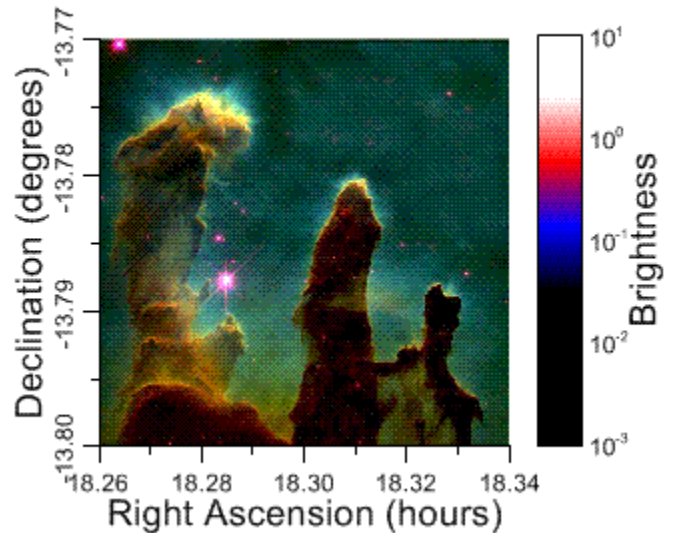
The SciPlot library provides graphics building blocks to design scientific/engineering applications for numerical and statistical analysis, signal processing, and publication quality output. The development environment has multiple computer language support and includes the Win32API and the .NET Framework. SciPlot includes: 2D plotting, Unicode language support for plot labeling, image data visualization, and many new features of the .NET Framework.

Product Highlights

SciPlot is released for two different application programming interfaces Win 32API and .NET Framework. The Win32 API version supports Fortran languages: Absoft Fortran, Intel Fortran, and Lahey/Fujitsu Fortran. The .NET version of SciPlot supports Microsoft C# and Visual Basic computer languages. The library provides a set of graphics routines for scientific and engineering plotting for a client window, a graphic file, or hardcopy directly on printers. The graphics files are used as word processor import files to produce professional quality scientific reports. Supported output graphics file types are: BMP, EPS, GIF, JPG, PDF, PNG, PS, and TIF. SciPlot supports all Windows True Type fonts. Unicode characters for all installed Windows font sets are a new feature for .NET SciPlot.

The library features many functions to do basic graphics plotting such as axis generation, 2D plots, color bars, image visualization, scientific string formatting, histograms, legends, contour mapping, polar plots, grid plots, pie charts, and data centered symbols. The release includes online source file examples, graphics output examples, and manuals and help files. All MicroGlyph Systems products are royalty-free and include a single-user license.

Eagle Nebula (M16)



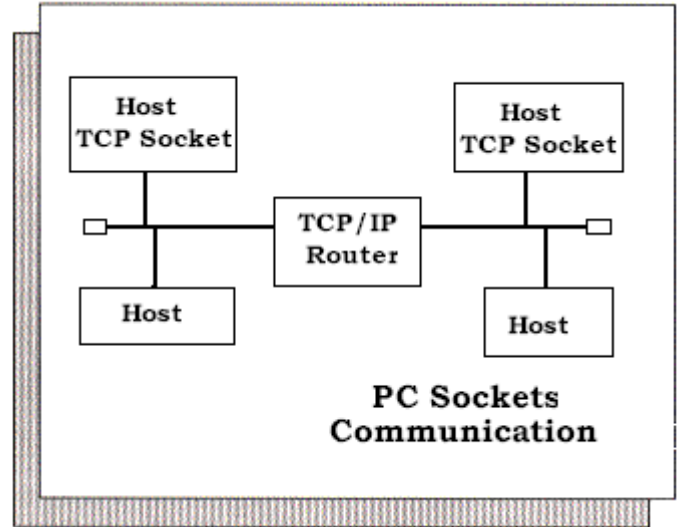
SciSnet™ - Network Sockets Communication Library

Applications

The SciSnet library provides basic functions to communicate with multiple machines on a local area network (LAN) or a wide area network (WAN). The Internet also can be used, but transfer rate is dependent on traffic loads. The data rate of the communication is always determined by the network connectivity and traffic load. Any pair of machines using the SciSnet library can obtain very substantial transfer rates. The library allows multiple parallel packet transfers between two or among many machines. Distributor or communtator type applications are supported. With such configurations, it is possible to have a data generator or gatherer machine provide data streams to multiple processor machines, taking advantage of parallel data processing.

Product Highlights

The SciSnet Network Sockets Communications Library provides multiple programming language support for the TCP/IP socket API. Applications can be designed to have machine-to-machine high-speed data packet transfers using the sockets API. Network media such as USB, FDDI, and Ethernet(10/100/1000), configured for TCP/IP operation are supported. Performance on a 100mbs Ethernet has been measured at over 80mgs.



Price List.

Prod.No.	Product Description	Price
P2034	SciComm Serial Communication Library – Win32 API	\$149.95
P2035	SciComm Serial Communication Library – .NET	\$149.95
P1033	SciPlot Graphics Library – Win32 API with .NET	\$189.95
P1034	SciPlot Graphics Library – .NET	\$189.95
P7022	SciSnet Socket Communication Library – Win32 API.....	\$149.95
P7023	SciSnet Socket Communication Library – .NET	\$149.95

Price Information. [June 1, 2009] Prices are subject to change without prior notice.

SOFTWARE ORDER FORM

- SOLD TO INFORMATION -

Name : _____
Company : _____
Address : _____
City : _____ State/Province: _____
Zip Code : _____ Country: _____
Tel. No. : _____ Fax No.: _____
Email: : _____

- SHIP TO INFORMATION -

Name : _____
Company : _____
Address : _____
City : _____ State/Province: _____
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<u>Product No.</u>	<u>Quant</u>	<u>Software Product</u>	<u>Price</u>	<u>Cost</u>
_____	_____	_____	\$ _____	\$ _____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
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	Subtotal	\$ _____
Mass residents only	Tax (5%)	\$ _____
International \$15.00, USA/Canada \$8.00	Shipping	\$ _____
Payment in US Bank funds only	Total	\$ _____



MicroGlyph Systems
P.O. Box 474
Lexington, MA 02420-0005

Tel: (781) 861-0426
Fax: (781) 674-1179
Email: sales@microglyph.com
Internet: www.microglyph.com