

Software Wedge™

Connect Any Serial Instrument to Your PC for Direct Input of Real-time Data into Any Application.

NEW
32-bit version for
Windows 95
and NT



- Input instrument data directly into Excel, Lotus, Access, statistical software, process control software, LIMS, HMIs ... any Windows, DOS, Windows 95 or NT application.
- Provides full control of your instruments.
- Transfers serial data quickly, absolutely accurately, and pre-formatted to your exact specifications.
- Powerful DDE support in Windows.
- Extremely easy to set up and use. NO programming required.
- Unlimited free — *and helpful!* — technical support.

Collect data from all these instruments directly into your favorite DOS, Windows 3.x, Windows 95 or NT programs:

- Laboratory Instruments
 - Quality and Process Control Instruments
 - Bar Code Scanners and Auto ID Devices
 - Telephone Systems
 - RF Receivers/Transmitters
 - Magnetic Stripe Readers
 - Scales & Balances
 - PLCs
 - GPS Receivers
 - Flow Meters
 - Temperature Sensors
 - Gages
 - Micrometers
 - Densitometers
 - Spectrophotometers
 - CMMs
 - Measuring Tools
 - Sensors
 - Coin Counters
 - Analyzers
 - Titrators
 - pH Meters
 - Hardness Testers
 - Data Loggers
 - Spectrometers
 - Radiation Counters
 - Ion Meters
 - Surfactometers
 - Plate Readers
 - Electronic Indicators
 - Bore Gages
 - Thermocouples
 - Digitizers
 - Gyroscopes
 - Conductivity Meters
 - Moisture Analyzers
 - Colorimeters
 - Thickness Gages
 - Force Gages
 - Motor Controllers
 - Robotics
 - Friction Peel Testers
 - Tensile Machines
 - Lead Testers
 - Communications Equipment
 - Modems
 - PBX Systems
 - and many, many more ...
- ... Any Serial Device.

Add Complete Serial I/O Capability to Any DOS, Windows, Windows 95 or NT Application



"Easily input serial data from all your instruments into any PC application."

The SoftwareWedge products are fully customizable serial I/O device drivers that input real-time data from instruments directly into spreadsheets, databases, statistical packages, LIMS, HMI's and other applications. They eliminate the need for error-prone manual data entry or difficult custom programming for data collection from your serial devices. Thus they save you time and increase the accuracy of your data collection.

The SoftwareWedge product line consists of DOSWedge™, DOSWedge Pro, WinWedge®, WinWedge Pro and WinWedge 32™ Pro. The standard versions are for simple ASCII output devices. The Pro versions can communicate with *any* serial instruments and have all the advanced benefits listed to your right.

Easy to Use

The SoftwareWedge products are easy to install and use. They come with a menu-driven step-by-step configuration program, set-up examples, and on-line help. The user's manuals are clearly written, easy to read, and complete with menu graphics and examples.

In addition, *unlimited free technical support* is available to all registered users. Technical support and tips are also available on our web site at <http://www.taltech.com> and by e-mail at tech@taltech.com.

SoftwareWedge lets you capture and use real-time data directly from any serial instrument:

- Electronic Scales & Balances
- Laboratory Instruments
- Medical Instruments
- Industrial Gages
- Bar Code Scanners
- Data Loggers & PLCs
- Sensors & Meters
- Spectrometers & Analyzers
- Modems & Other PCs
- Telephone & Data Communications Systems
- *Many Others ... Inquire!*

WinWedge® Pro includes these Powerful Benefits:

- NEW** • 30 powerful *math functions* including scaling, conversions and many higher-order arithmetic and logical operators.
- NEW** • *Virtual Instrument Mode* simulates data collection from any instrument.
- NEW** • *Hot Key* activated output strings and *Hot Key* control of WinWedge Pro functions.
- A *Pre-Input Character Translation* table that can be used to simplify complex input data record structures.
- An optional *Disk File Logging* mode for serial data. Use it to log serial data to a file in the background.
- Ability to easily parse and filter even long and complicated serial data, such as reports of data.
- Ability to format data to your requirements (i.e., 3 decimal places, scientific format and all others).
- Extended support for 2-way I/O gives you more options for controlling serial devices.
- Supports individual data field lengths up to 64K..
- An expanded set of *DDE commands* that let you create extremely sophisticated data acquisition and device control interfaces from any DDE supporting Windows application (Excel, Access, InTouch, FixDMACS, etc.).
- Support for any serial data including Binary, Hexadecimal and Octal as well as ASCII. Also direct Binary to Hex, and Hex and Octal to Decimal conversions. Binary or Hex data can be converted to decimal before WinWedge Pro inputs it into your applications.
- Full support for higher speed 16,550 UARTs and baud rates up to 56,000 baud.
- FileWedge™ included FREE, value \$159! *FileWedge* easily inputs data from any disk file directly into any Windows application. Works just like SoftwareWedge except data is read from a disk file instead of a serial port.
- NEW** • 32 bit version, WinWedge 32™, with all the powerful features of WinWedge Pro (above), plus support for up to 100 serial ports simultaneously and 32 bit processing power.

Positive Feedback (and Rave Reviews) from SoftwareWedge Users

SoftwareWedge is in use worldwide in thousands of "mission critical" data collection applications — including laboratory, quality control, manufacturing, process control, inventory management, telephone and bar code data collection. These comments are typical of the letters we receive (available for review):

"Excellent product." —*Tim Roberts, Sr. Engineer, Westinghouse*

"We chose the SoftwareWedge for its ease of use and its ability to provide a transparent serial interface to Excel®. It is a real godsend. I absolutely recommend (it) for any laboratory data collection. Thanks for making a great product."

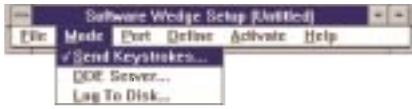
—*Brian Jones, Physics Dept., Colorado State University*

"Great job! I never thought it would take less than 15 minutes to set up the SoftwareWedge. I have not been this satisfied with a software product in years!!"

—*Mark Soldini, Leaseplan*

SoftwareWedge Setup is as Easy as 1-2-3-4!

1. Select how you want data collected.



The Mode Menu lets you send data to your application programs as keystrokes or by Dynamic Data Exchange. Or log serial data to a disk file in the background.

2. Define the communication parameters for your serial device.



The Serial Port Setting dialog box lets you configure your communications settings. Use the RS232 diagnostic tools provided to easily debug serial communication parameters.

3. Define how you want the serial data to be parsed, filtered and translated.



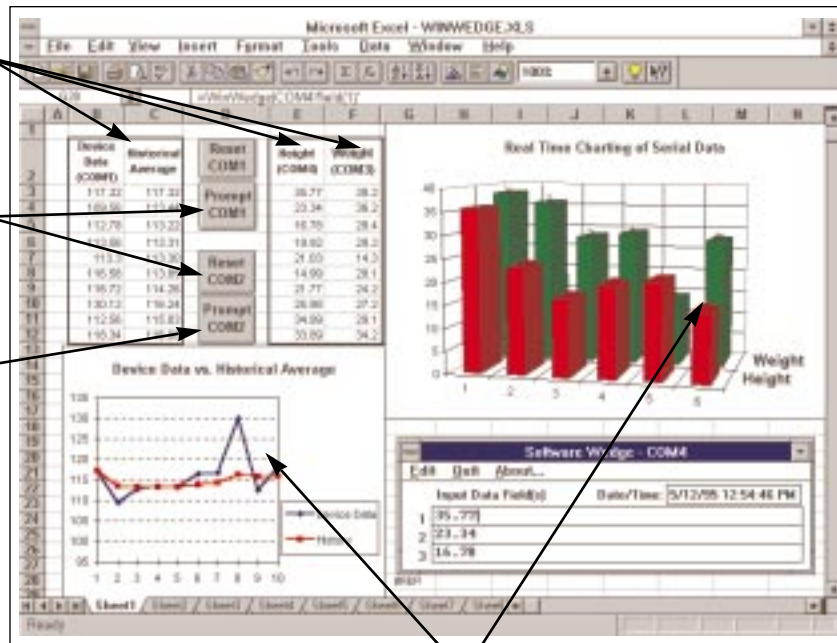
The Define Menu lets you configure data to the exact format required by your application. It also lets you pre-define automatic output strings to be sent to a serial device and set up Hot Keys and Hot Key actions.

4. Activate SoftwareWedge and watch your serial data "pop" into your application.

Input serial data from any instrument directly into your application programs in real time.

Create buttons or macros in your application that perform Serial I/O functions.

Send out commands or data to control your instruments directly.



Link SoftwareWedge with applications such as Excel and you can achieve powerful results like these.

Create charts or graphs in your application that automatically update with real-time data from your serial devices.

Input real-time serial data in "keystroke mode" or by DDE into:

- Excel®
 - Access®
 - Lotus®
 - Quattro Pro®
 - FoxPro®
 - LIMS
 - Statistical Software
 - Control Software
 - InTouch®
 - Fix DMACS®
 - Other HMIs
 - Trending Software
 - Spreadsheets
 - Databases
 - Word Processors
 - VB, C++
 - Custom Applications
 - and many, many more ...
- ... Any PC Application.

"The SoftwareWedge performed exactly as the ad said it would. We are very pleased with the software and its ease of use. We would recommend the Wedge to anyone requiring serial data transfer into existing programs."

— Travis Perry, Engineer, Crest Industries

"I would highly recommend the SoftwareWedge for data collection from RS232 devices. Great Program!"

— Jim Bartell, Engineer, Cinema Products Corporation

"Excellent package, easy-to-use, a great time saver."

— John Ambrose, Research Lab, Inco Ltd.

"How efficient and easy-to-use your SoftwareWedge program is! Obtaining data from our gauges is now a trivial task."

— J.M. Martin, Lucas Girling, S.A.

"What service! TAL, you are tops in my book! An A+ for customer service. I will use you as a standard for other firms."

— Doug Hayes, US Army

"I very strongly recommend the SoftwareWedge. It is enabling us to perform very difficult environmental baseline data collection in Aekhanelsk, Russia. I also appreciate the very helpful technical support."

— Mark Perry, Environmental Services, Ltd., Alaska

Available for Your Environment — DOS, Windows, Windows 95 or NT

WinWedge® (SoftwareWedge for Windows)



WinWedge captures serial data, custom tailors it, and transfers it to any Windows application — either by sending keystrokes to the application's window or by passing the data through DDE.

- Add complete data acquisition and instrument control to any Windows program.
- Easily set up in minutes with simple menus.
- Collect data on any serial port (RS232, RS422 or RS485) — even multiple serial ports — up to nine simultaneously!
- Quickly diagnose and correct serial communications problems with a powerful “analyze” feature.

Transmit prompts or commands out the serial port to your instruments directly from within other Windows applications or define button-activated or timer-activated output strings to control your instruments directly from WinWedge.

WinWedge v1.2 (Standard Edition)

The standard edition is designed to work with simple devices such as bar code readers, electronic scales, calipers and gages, or any other device that transmits simple text data. It supports basic prompting and control of serial devices, selectable input buffer size (up to 32K) and baud rates up to 19,200 baud.

WinWedge Pro

The Pro version is designed to collect data from and control *any* serial device, no matter how complex the serial output or how sophisticated the control required. Collect data from and control industrial and laboratory instruments, quality and process control devices, PDTs, PBX systems, PLCs, etc.

WinWedge Pro supports advanced parsing, filtering and formatting of text, binary, hex, octal and ASCII data. It also supports *Math Functions*, a *Virtual Instrument Mode*, *Hot Key* control, a *Disk File Logging Mode*, a *Serial Output Buffer* option, extended 2-way I/O support, and much more (see page 2).

Expanded DDE support in the Pro version allows other applications to completely control the SoftwareWedge and all serial I/O. This lets you create extremely powerful data acquisition and device control interfaces from within any Windows application that supports DDE (e.g., Excel, Lotus, Access, HMIs, statistical packages, etc.).

Distributed By:

FOWLER

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NEW WinWedge 32 Pro

- This is a full 32 bit version of WinWedge Pro for Windows 95 and NT.
- It has all the powerful benefits of WinWedge Pro plus support for up to 100 serial ports simultaneously.

NOTE: The 32 bit version will only run on Windows 95 or NT. The 16 bit versions are compatible with Windows 95 and NT.

DOSWedge Pro™ (SoftwareWedge Pro for DOS)

DOSWedge captures serial input data, parses and filters it to your specifications, then transfers the data into *any* DOS application by feeding the data through the DOS keyboard buffer. The Wedge runs in the background while your application runs in the foreground and receives the incoming serial data as if it were being typed in on the keyboard!

- Tiny 5.2K RAM resident TSR feeds real-time serial data to any DOS application as “keystrokes.”
- Easily set up in minutes, with *no programming*.
- Collect data from your instruments to any DOS application.
- Collect data on any serial port (RS232, RS422 or RS485).

DOSWedge Pro is designed to collect data from and control *any* serial devices, just like WinWedge Pro.

Order Today and Receive These Utility Programs FREE!

- FREE** • DOSWedge Pro includes thirteen serial utility programs.
- FREE** • WinWedge includes *LinkTest™ DDE Command Tester* software. Use it to test all your DDE commands.
- FREE** • *ComShow™* RS232 diagnostic software, value \$99, included with DOSWedge. Use *ComShow* to debug serial communications or as a terminal program.
- FREE** • The Pro versions also include *FileWedge™*, value \$159, FREE. *FileWedge* extracts data from disk files and inputs it, either as keystrokes or by DDE, into any application program.

90-Day Money-Back Guarantee!
Test the software yourself at NO RISK!
You have my personal, unconditional guarantee
to ensure your complete satisfaction.

Thomas Q. Act
President, TAL Technologies, Inc.

For orders, or to discuss
your requirements with our
technical staff, call toll-free: 800/788-2353.