

# ReadMe for WedgeLink Lite & WedgeLink Standard Version 1.22.1.9 The RS232 Link to Windows Applications

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This document includes updated information for the documentation provided with WedgeLink. The information in this document and in the Help system is more up-to-date than that in the manuals. Many of the issues outlined in this document will be corrected in upcoming releases.

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## *Part 1 Technical Support & Company Information*

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## *Part 2 System Requirements*

The system requirements for WedgeLink are as follows:

- 3 MB of free disk space
- 1 or more available serial ports
- Windows 95, Windows 98, Windows 2000 Windows XP or Windows NT 4.0.  
WedgeLink will not run on Windows NT 3.51.
- Each configuration file takes approximately 4K of disk space.

WedgeLink is a 32-bit application and will not run on Windows 3.1x. MicroRidge does not have any wedge software for the older 16-bit systems.

### ***Part 3 Evaluation Program***

If this is an evaluation copy of WedgeLink, you will have a limited time period to use the program to see if it meets your requirements. All of the features contained in the single machine license version of WedgeLink are also contained in the evaluation version.

The evaluation period is typically 10 days and the evaluation period starts when the program is first run. You cannot extend the evaluation period by uninstalling and then reinstalling WedgeLink. If you decide you want to upgrade to a single machine license, give us a call.

### ***Part 4 Known Problems & Workarounds***

1. A few installations of Windows 95 (3 systems to date) have had a problem with WedgeLink automatically determining what serial ports are available. When this problem occurs, WedgeLink crashes. This automatic determination occurs in the Serial Port Setup dialog box when the Enable All checkbox is unchecked. If you have a problem when you check or uncheck this Enable All box in the setup dialog please give MicroRidge technical support a call. We have been unable to replicate this problem on any of our systems and we would appreciate your help in tracking down this problem.

### ***Part 6 History***

#### **Ver 1.10-A (6-1-98)**

Original release of WedgeLink.

#### **Ver 1.10-B (6-18-98)**

##### **Bug fixes:**

1. Corrected problems when installing the WedgeLink evaluation version on Windows NT when the user was not logged on with administrator privileges.

#### **Ver 1.10-C (8-3-98)**

##### **Modifications:**

1. The default behavior of the Enable All checkbox in the Serial Port Setup dialog box was changed. When this dialog box is entered, the Enable All checkbox is now always enabled. This was done due to a problem with some installation of Windows 95. See item #2 in Know Problems & Workarounds in Part 4 above.

#### **Ver 1.11-A (8-7-98)**

##### **Bug fixes:**

1. Portions of the toolbar and button labels were clipped if the computer was configured to use small fonts.

##### **Enhancements:**

1. The prefix and suffix strings can now be used with the "Find first numeric field" parsing functions.

#### **Ver 1.12-A (8-13-98)**

##### **Bug fixes:**

1. The user defined serial port buffer sizes were ignored and were always set to 4,000 for the RxD buffer and 1,000 for the TxD buffer.
2. The target filename would only appear on the printed report if a target application was also identified.
3. Portions of input packets larger than 128 bytes would be lost when processed by the data parsing functions.

**Enhancements:**

1. The maximum serial port receive data buffer (RxD) was increased from 64,000 to 500,000 bytes.
2. The maximum packet size was increased from 500 to 2,000 bytes.
3. An RxD buffer status pane was added to the main window. If the RxD buffer is empty, the status pane will display "RxD Empty". If the RxD buffer contains character, the status pane will display the number of characters in the buffer (i.e., 4,261 RxD, 741 RxD, etc.).
4. The character removal parsing functions now provides the ability to remove the unwanted characters as soon as they are read from the serial port (new feature) or to remove them after the complete packet has been received (original feature). This removal option is specified on the Remove tab in the Parsing Setup & Test dialog box.

**Ver 1.12-B (9-29-98)**

**Bug fixes:**

1. The program would crash on Windows 95 and 98 if you used the Print button on the Communications Test dialog box. There was no problem when printing from Windows NT. This problem was due to Microsoft dropping support in Windows 95 and 98 for one of the edit control functions. This function was supported in Windows 3.1 and is currently supported in Windows NT.

**Ver 1.12-C (1-18-99)**

**Enhancements:**

1. You can now delete the name of the Target Application or Target File by pressing the delete key when the cursor is located in one of these fields.
2. If the Send to app, Write to file, Serial port or Paused options (Restore at file open) are checked in the Preferences dialog, WedgeLink will notify you if you have toggled the state of these items and have not saved the current configuration. This notification occurs when you close the current configuration file or exit the program.
3. After you have created a configuration file, you can set the attributes of the file to read-only so that other WedgeLink users cannot alter the contents of the file. Refer to you Windows documentation on how to alter the attributes of a file.

**Ver 1.12-D (3-23-00)**

**Bug fixes:**

1. The print driver for the Canon 4400 printer would crash on Windows 95 and 98. There were no problems on Windows NT 4.0. When the print driver crashed, WedgeLink would terminate.

**Ver 1.12-G (5-31-00)**

**Bug fixes:**

1. WedgeLink did not always open when you double-clicked on a WedgeLink configuration file (.WLC). If WedgeLink did not open, you would typically get a message about not being able to find the license file.

**Enhancements:**

1. A run minimized option has been added to the Preferences dialog that will allow you to force WedgeLink to an icon (minimized state) when a file is opened.
2. You can now set the target application as the current Windows application. Previously you had to specifically identify the application by name.

**Ver 1.12-H (8-31-00)**

**Bug fixes:**

1. Eliminated an idle processing function that was consuming most of the processor idle time.

**Ver 1.20.1.0 (10-23-00)**

The version number method was modified from a 1.xx-X format to 1.20.x.x format.

**Enhancements:**

1. Enhanced the send commands function to allow the commands to send at a specified time interval for a fixed or unlimited number of cycles.

**Ver 1.20.1.1 (2-27-01)**

Several minor display adjustments were made to allow for private labeling of WedgeLink.

**Enhancements:**

1. The help display has been modified to give an Explorer type interface. This interface allows you to view the help text along with the Contents, Index and Search tabs in a single view.

**Ver 1.20.1.2 (5-14-01)**

**Enhancements:**

1. The parsing mask size was increased from 100 to 300 characters. If you read a .WLC configuration file with this version of WedgeLink, you will not be able to use the configuration file with a previous version of WedgeLink.
2. The default packet size was increased from 100 to 300 characters.

**Ver 1.20.1.3 (6-2-01)**

**Enhancements:**

1. Added processing options to the match string. You can select to 1) discard the packet, 2) send the packet to the target application or file or 3) parse and send to the packet if the match string is found in the input packet. You can also select one of these 3 options to apply to packets that do not contain the match string.

**Bug fixes:**

1. If the Caps lock or Numlock keys were active on Windows 95 or 98, there would be deactivated when a packet was sent to an application. This problem did not occur on Window NT or 2000.
2. If the target application was a specific application, the name of the application

did not appear in the Target Application field when you entered the Get Target Application dialog.

**Ver 1.20.1.4 (6-13-01)**

**Enhancements:**

1. Added a time gap option for detecting the end-of-packet. This option would be used if your serial does not output a consistent end-of-packet character.

**Ver 1.20.1.5 (6-14-01)**

**Bug fixes:**

1. Fixed the Windows 95/98 end-of-packet bug introduced in version 1.20.1.4.

**Ver 1.21.1.0 (7-23-01)**

**Enhancements:**

1. Added the ability to send data to a file and an application at the same time.
2. Modified the method used to restart the evaluation period.

**Ver 1.22.1.2 (10-16-01)**

Original release of WedgeLink Lite. The original configuration of WedgeLink is now referred to as WedgeLink Standard. The code base for WedgeLink Lite is the same as WedgeLink Standard, except that the data parsing and send command features have been removed from WedgeLink Lite.

**Ver 1.22.1.3 (10-24-01)**

**Bug fixes:**

1. A few minor bug fixes.

**Ver 1.22.1.5 (1-4-02)**

Modified registry setting to allow multiple user logins to access WedgeLink without having to do special setups for each user.

**Ver 1.22.1.7 (9-16-02)**

Made improvements in the data transfer rate when sending keystrokes to an application.

**Ver 1.22.1.8 (5-23-03)**

Added the character delay tab in the parsing dialog. This allows the user to slow down the data transfer rate when sending characters to an application.

**Ver 1.22.1.9 (7-29-03)**

Added the ability to specify the number of characters in a packet. The packet can now be identified with a specific character, gap time between characters, a specific number of characters or any combination of the 3 previous options.