



## Features

- Polls up to 2000 devices simultaneously (periodically or upon demand).
- Supports RS232, RS485, Modem (ASCII, Binary), and Ethernet communications (TCP/IP, FTP, Telnet).
- Supports both star and multi-drop network topologies and reports periodically or by exception.
- Provides health checks including communications integrity, access logs, and polling errors.
- Provides terminal interfaces with programmable function keys and escape sequences.
- Imports/Exports spreadsheets (CSV files) for rapid configuration development and maintenance.
- Interfaces to Active directory for username and password authentication.
- Supports IEEE Std. C37.232 (COMNAME)  
Common Format for Naming Time Sequenced Data.
- Supports IEEE Std. C37.111 (COMTRADE)  
Common Format for Transient Data Exchange.

**Device Configuration for BITRONICS-FTP-2 (FTP)**

**Device Information:**

Device Number: 18 Password 1: aaaa (CMND1)  
 Data Type: ASCII Password 2: 0 (CMND2)  
 Title: BITRONICS-FTP-2 (FTP) Event File Type: Default (CMND5)  
 Driver: LAN-DIRECT, FTP-EVENTS Save Path: C:\FaultLib\SDCSAVE\Wavewin T... (CMND6)  
 Str-Group: SOFTSTUF NJ Log Variables: ON (CMND4)  
 Group ID: 80 Time Code: -4h

**Communication Information:**

Connection Type:  Serial  Virtual Port  Ethernet  RAS Protocol: TCP/IP Server  
 TCP/IP Client  
 FTP Client  
 Telnet Client  
 C37.111 Client  
 Session: COM78 Remote Path: /data  
 Address: File Extensions: Bitronics-W  
 Back Out: 0 (CMND3) File Names: Rename to ComName  
 IP: 211.167.169.221 Delete Source: No UTC Time (Yes/No): No  
 IP Port: 21 File Transfer Mode: Passive  
 User Name: hello Zip Files: UnZip and Delete Zip  
 Password: there

Save Cancel

## Wavepoll Tools

- Create and maintain multiple device configurations.
- Duplicate option for fast configuration.
- Export configurations to CSV format.
- Import configurations from CSV formats.



## Protocol Types

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- Proprietary Protocols for Relays and DFRs
- FTP (File Transfer Protocol)
- FTPS (Secure FTP)
- IEC61850 MMS (Manufacturer Message Specification)
- SFTP (SSH FTP)
- TCP/IP Server
- TCP/IP Client
- Telnet Client
- SSH Client

## Requirements and Support Services

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- **Requirements** - The software works with Windows NT, 7, 10 and 2008/2012/2016 servers. The software requires 32MB of storage space and, depending on usage, may use up to 2GB of available memory. The software supports local and shared drives on the network, it is small, structured, and non-intrusive (does not modify any operating system files).
- **Technical Support** - Standard technical support services are available through Softstuf at 800.818.3463 and [support@softstuf.com](mailto:support@softstuf.com), or through GridAI at 201.993.1169 and [support@gridai.net](mailto:support@gridai.net).
- **Custom Services** – for custom development services please contact the Softstuf support team at [support@softstuf.com](mailto:support@softstuf.com), or GridAI at [support@gridai.net](mailto:support@gridai.net).
- **Training** - Softstuf offers a variety of training classes, for information on these classes please use this link [www.softstuf.com/wavewinclasses.html](http://www.softstuf.com/wavewinclasses.html). For other training inquiries please contact the Softstuf support team at [support@softstuf.com](mailto:support@softstuf.com).
- **Warranties** – GridAI and Softstuf warrant that the software will substantially achieve the functionality as advertised and described in the Manuals. In the event any future deficiency is discovered in the software then GridAI and Softstuf shall at their own sole expense make the changes necessary to correct said deficiency within a reasonable time of being notified.
- **New Devices** – GridAI and Softstuf will initially provide an extensive library of drivers for working with various types of event and fault data records from various types of numerical relays, digital meters, and fault recorders. In the event new drivers are requested then GridAI and Softstuf will develop said drivers at rates and lead times that are mutually agreed upon.

## Licensing and Upgrades

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- Wavepoll is a standalone executable. Each copy requires activation and is downloaded from the website. Several trial runs are allowed before activation is required.
- The software can be installed on individual stations or on a network server. If used with a network server, then it will require an activation code per user account.
- Upgrades are available for download from the website, activation is also required.

## Contact Us

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