

TRAFx Overview for IT Staff

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This overview was created so that IT staff would have a better understanding and higher comfort level with TRAFx-related software. One of the explicit objectives at TRAFx has been to design "IT department friendly" software (i.e., software that does not create headaches for the IT department). Most TRAFx customers are government organizations.

[1] TRAFx DataNet



Authorship: TRAFx Research Ltd. (www.trafx.net)
Requirements: DataNet is an online, web-based application, therefore it is OS independent; the user only requires a web browser and a web-connected computer.
Log in at: www.trafx.net/datanet
License information: Each user requires a user license. A multi-year DataNet plan for five users is included as part of a TRAFx system package.
Registry changes: None

DataNet is comprehensive web-based software to view, analyze, manage and present TRAFx data. It is an essential part of a TRAFx counting system, and of a successful, efficient, and effective counting project. Bottom line: it saves the user time. DataNet reflects a decade of software design, development and refinement. Over one thousand organizations use it.

Because DataNet is web-based there is no software to install and/or maintain. The user logs in to her organization's account to use it. Each user creates and uses a password. Test drive DataNet here www.trafx.net/datanet/demo

Regarding DataNet Security (encryption, SSL, passwords, backups, etc.), please go to www.trafx.net/legal and download the "DataNet Security" document.

[2] TRAFx Communicator App

Authorship: TRAFx Research Ltd. (www.trafx.net) and Microsoft (www.microsoft.com)
Requirements: Windows 7/8/10
Download from: www.trafx.net/support
License information: Unlimited free site license for TRAFx customers.
Registry changes: None



TRAFx Communicator is a tiny (approx. 100KB), stand-alone, "portable" serial port communications application for Windows. This task-specific app is used to communicate with and configure TRAFx equipment (counters and dock). It runs independently of the PC's operating system and makes no registry changes whatsoever. Learn more about "portable" applications here: http://en.wikipedia.org/wiki/Portable_application

Because TRAFx Communicator is a true stand-alone program there is no installation process--just click on it and the program opens and runs. To uninstall it, simply delete the file (that's it). It can also run directly from a CD, if necessary.

(TRAFx Communicator does not attempt any system level interactions, so normally Windows security views it as benign and lets it run. However, if you have set up the PC to block all new applications, it cannot run unless you allow it to.)

[3] USB-to-serial Adapter (driver software); third-party device and software

Authorship: Prolific (www.prolific.com.tw)
Requirements: Windows laptop or desktop with Intel or AMD processor (not ARM)
Download from: www.trafx.net/support
License information: Third-party
Registry changes: Driver is added to C:\Windows\System32\Drivers



You can connect a desktop/laptop to TRAFx equipment using 9-pin serial or USB. The choice is yours. 9-pin serial is common for field equipment because it is robust and reliable. It is also "plug and play" (i.e., no need to install anything). Many government and corporate computers have 9-pin ports. However, some computers do not. Therefore, TRAFx provides a third-party USB-to-serial adapter made by Sewell (SW-1301). All USB to serial adapters require the installation of driver software. The installation instructions for the Sewell USB-to-serial adapter are in Appendix 2 of TRAFx Manual – Part I. Download the manual at www.trafx.net/support Please follow these instructions carefully.

For complete information regarding how to use all of the above, please download TRAFx Manual – Part I at www.trafx.net/support