PENNSYLVANIA SCALE COMMUNICATION

OUR SCALES ARE GREAT COMMUNICATORS.

THEY CAN TELL YOU A LOT ABOUT YOUR OPERATION!

The information they provide can play a vital role in helping your business increase efficiencies, become much more accurate, reduce shrinkage, decrease give aways and provide your management team with real time, actionable data that can be leveraged to boost your company's bottom line.

All Pennsylvania Scale Company weighing or counting scale systems can be interfaced to a wide variety of devices. Barcode label printers, Barcode scanners, Windows PC and IOS data collection systems, Android and iPad and many other third-party software and systems. This flexibility is designed in the scales and takes advantage of the outstanding standard and optional communication interfaces

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Wired Ethernet TCP/IP

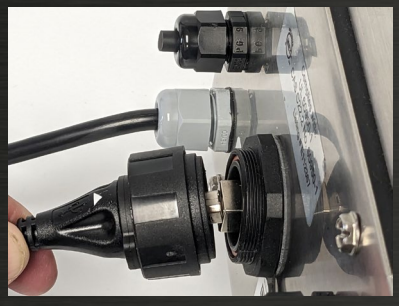
It is hard to find a company that does not have a local area network (LAN) used for email, internet access and sharing data from multiple users. Wired Ethernet is the most robust and common type of LAN and provides secure high speed data transmission with multiple devices and across large distances.

Wi-Fi TCP/IP

Wi-Fi has the inherit capabilities of Wired Ethernet with the added benefit of wireless communication with no need to run cables and install multiple network switches. Wi-Fi does need a LAN architecture that provides wireless access points to supply coverage throughout the facility or at least in the area the scale will be used.

USB Virtual Com Port

USB ports are standard on most PC's and are a tried-and-true method to create a peer-to-peer connection of a scale to a computer. Typically, Windows or the operating system will assign a Virtual Comport to the connection and then the software program is configured to receive data on that specific comport.



USB HID (Human Interface Device)

HID performs the same as if a normal keyboard was plugged into the PC and the scale data output is entered in the open program as if it was manually typed on a keyboard. This is an ideal and simple solution for sending scale data directly into a program running on a PC. In many cases, it is the easiest and best solution for direct interface from a scale to a program that is not designed to work directly to a scale.

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665 North Reservoir Street, Lancaster, PA 17602 USA | www.pascale.com
US/Canada: 800.233.0473 717.295.6935 | **FAX** 800.768.6350
International: 717.295.6935 FAX 717.295.6941

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Bluetooth Virtual Com and HID

In the simplest terms, Bluetooth is the technology that enables exchange of data between devices within a short amount of distance. What separates Bluetooth radio waves from other wireless devices is that it is designed for very short-range communications. In the Virtual Comport mode, the PC or device connected assigns a virtual comport number just like the USB virtual comport connection. HID performs the same as if a normal keyboard was plugged into the PC and the scale data output is entered in the open program as if it was manually typed on a keyboard. This is an ideal and simple solution for sending scale data directly into a program running on a PC. MAC, Android or iPad device.

RS-232

RS-232 is a standard communications protocol used mainly to transmit data peer to peer, scale to PC or scale to Printer or barcode scanner to scale. The Pennsylvania Scale RS-232 is a bi-directional interface that allows the Scale Indicator to not only send data, but also receive commands or enter scale data from computers, barcode scanners and other devices.

Analog Output 4-20 mA, 0-10 VDC

Analog Output is used to communicate with PLC's (programmable logic controllers) and other devices that can receive an analog signal and perform a process control function based upon the signal. The Pennsylvania Scale Analog Output option can be configured for 4-20ma or 0-10 VDC and is software controlled. When the scale is calibrated, it automatically will output 4 ma or 0 VDC with no weight on the scale, 20 ma or 10 VDC with full capacity on the scale and a proportional signal between those two points.

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Label Printing, Human Readable, Barcode or Both.

The Pennsylvania Scale barcode, label and tape printers offer outstanding performance, reliability and flexibility to meet the demands of industrial scale printing applications. Ideal for all non-washdown applications such as: packaging, production, warehousing, shipping and receiving printing needs. Direct thermal print technology provides high quality labels time after time. Whether it is a basic label format or A custom label Design, We can provide a true plug and play setup and installation for most labeling applications.

Choosing the Best Pennsylvania Scale Model for your Scale Communication Needs

SCALE FUNCTION	7300 SCALE	7500 SCALE OR INDICATOR	7600 SCALE OR INDICATOR	7800 SCALE OR INDICATOR
PRODUCT ID OR PART NUMBER	NO	NO	YES 6 DIGIT NUMERIC	ALPHANUMERIC 32 CHARACTERS
PRODUCT DESCRIPTION	NO	NO	NO	ALPHANUMERIC 32 CHARACTERS
USER DEFINED DATA FIELDS	NO	NO	NO	THREE USER DEFINED AND LABELED DATA FIELDS
WEIGHT INFORMATION	GROSS WEIGHT	GROSS WEIGHT	GROSS, NET, TARE WEIGHTS	GROSS, NET, TARE WEIGHTS
COUNT INFORMATION	NO	PIECE COUNT	PIECE COUNT	PIECE COUNT
PIECE WEIGHT	NO	NO	YES	YES
% OF ACCURACY	NO	NO	YES	YES
OUTPUT OR INPUT DATABASE	NO	NO	NO	YES
TIME AND DATE	NO	NO	YES	YES
BASE IN USE	NO	NO	YES	YES
NUMBER OF COMPORTS	ONE	ONE	ONE	TWO, INDEPENDENTLY CONFIGURED

We are the scale communication, label printing and interface to third party software experts – Leverage our years of experience to work for you on your next scale communication application.

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