



HOW DOES IT WORK?

Two features built into the ProTime make it possible for physician office labs and clinics to send PT/INR results electronically to most commercially available medical record systems. With the addition of patient ID, and auto-send features, the clinician can label results that can be automatically transmitted, in digital form, to a host system including laboratory information system (LIS), hospital information system (HIS) or physician office medical record computer system (EMR). In addition, the operator ID can also be entered and labeled with the test result as a way to identify who performed the test.

The PT/INR results data travels from the ProTime via a special cable, sold by your ITC distributor, called the "PROCABLE." The PROCABLE connects to the back of the ProTime and then to a device that translates the data into a compatible format for medical record systems. The translation device is called a "JavaLin 300," manufactured and supported by Dawning Technologies, Inc. The JavaLin comes with software to configure up to three ProTime units to enable them to send data simultaneously to a host computer. The JavaLin interface allows one step connections into the host computer system using industry standard protocols including HL7 and ASTM. A standard network cable is used to plug in the JavaLin to the host computer system.

An information technology specialist associated with the host computer system or a computer consultant is required to configure the JavaLin and complete the connection between the ProTime and the host computer. The software used with the JavaLin allows the specialist to set up the patient information and test results from the ProTime so that it is properly transferred into the host computer's electronic forms. The set up or configuration process is called "mapping." Mapping assigns data collected to the patient's medical record.

To order a JavaLin 300, contact Dawning Technologies, Inc. at 800.332.0499 or visit www.dawning.com for more information. The JavaLin 300 has a list price of \$1,895, which includes a single driver and one year of free support. Additional drivers can be purchased to link up to two or more ProTime units to the same JavaLin device, at \$1,500 per driver. Additional years of support may be purchased at 10% of the purchase price. (Note: Pricing is subject to change at manufacturer's discretion.)

WHAT DO YOU NEED?

- ProTime Microcoagulation System: Available from your ITC distributor
- PROCABLE for ProTime: Available from your ITC distributor
- JavaLin 300 interface: Available from Dawning Technologies, Inc. at 800.332.0499
- Network cable
- LIS/EMR system

WHY THIS SOLUTION?

- Improve efficiency
- Reduce transcription errors
- Improve patient care
- Reduce paper work

WHO DO YOU CALL TO GET SUPPORT?

- ITC (800.631.5945) or www.protimesystem.com
- Dawning (800.332.0499) or sales@dawning.com
- Your EMR/LIS host IT department

FREQUENTLY ASKED QUESTIONS:

Is the interface a one-way data transfer? The ProTime can send the data out to a source but does not receive data. Therefore, it is a one-way interface.

Will I see the data on my office computer? Yes, once the data has been mapped to your host computer, the PT/INR results will appear in the patient's EMR.

How much does it cost? The final cost, excluding the price of the ProTime and PROCABLE, is a combination of the hardware from Dawning and the interface software from your EMR vendor. Please consult with your local EMR vendor for a detailed quote.

How many ProTime units can be connected at one time? Up to three ProTime units can be connected to one JavaLin 300.

How long does it take to setup an interface? The physical connection takes very little time. Once the EMR vendor interface from the JavaLin 300 is installed, the complete process takes only minutes. The length of time to prepare the interface by the EMR vendor varies.

How long does it take to send the data? The results are sent automatically through the interface in a matter of seconds.

What information is sent from the ProTime to the LIS/EMR? The ProTime sends the date of test, time of test, patient identification, operator identification, PT seconds and INR result.

Does ITC connect the ProTime to the LIS/EMR? ITC sells the ProTime and PROCABLE to the customer through your local distributor. Dawning Technologies, Inc. and your host EMR vendor must be contacted to complete the full connection.

Is this application HIPPA compliant? Yes, there is no link between the patient ID, or any other patient information.

GLOSSARY OF TERMS:

ASTM: American Society for Testing and Materials

Protocol used by clinical analyzers to exchange information with laboratory information systems, generally via a serial port.

EHR: Electronic Health Record

A record of everything that happens to a patient regardless of where it occurs. Designed to be more robust, with regional and national information from a variety of sources, all coming together.

EMR: Electronic Medical Records

Refers to a healthcare organization's official legal record, used for accounting and medical purposes. The records contain all patient information while they are at a particular hospital, clinic or physician office visit. A patient may have several EMRs, not usually linked.

FTP: File Transfer Protocol

Protocol that is the simplest way to exchange files between computers on the internet.

HIMSS: Healthcare Information and Management Systems Society

The healthcare industry's membership organization exclusively focused on providing leadership for the optimal use of healthcare information technology (IT) and management systems for the betterment of human health. www.himss.org

HL-7: Health Level 7

Protocol for formatting, transmitting, and receiving data in the healthcare environment from an ethernet port.

LAN: Local Area Network

Network infrastructure within a single building or facility.

LIS/HIS/CIS: Laboratory/Hospital/Clinical Information System

An information system that manages specimen data from requisition entry through specimen tracking to billing and final cumulative report production.

Mapping:

Process by which ProTime data is assigned to a specific field within the EMR system. This process is handled by an information technology specialist and the EMR vendor.

NFS: Network File System

A protocol developed by Sun Microsystems that allows a computer system to access files over a network as if they were on its local disks.

TCP/IP: Transmission Control Protocol/Internet Protocol

This is the basic communication language or protocol of the internet. It can also be used as a communications protocol in a private network (intranet).

WAN: Wide Area Network

Network infrastructure which connects multiple buildings or facilities.