



# Protocol **Labacus**<sup>®</sup>

Version 2

## What is Protocol Labacus?

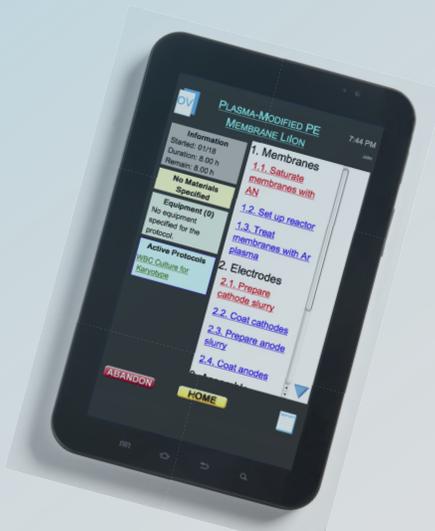
Protocol Labacus is **mobile app** software for tablets developed to **help people keep track of all the details of work procedures**. It is optimized for use in environments (labs, clinics, fieldwork) where people need to move around while they work. Protocol Labacus is a web-based software and not dependent on any specific operating system, web browser type or tablet/computer hardware.

## How does this work?

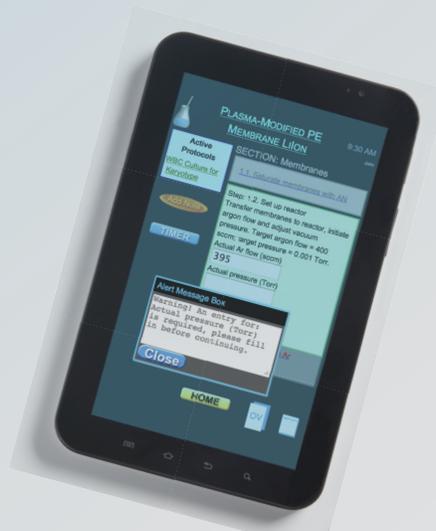
Protocol Labacus has three components: PL Mobile, PL Designer and PL Server that are sold together as PL Suite and as individual modules. **PL Mobile** runs on tablets (or laptops or even desktops if you prefer) and provides **step by step coaching** through procedures and **on the spot tracking of actions, observations and measurements**. At the end of the procedure, PL Mobile automatically generates a write-up for your records.



## PL Mobile Provides:



Overview of all the steps in a procedure and one touch navigation between procedures



Step by step instructions and alerts when key information needs to be recorded



A final report with timestamps for each step, data broken out by sample and with all your notes and observations.

**PL Designer** is an easy-to-use interface that leads you through converting your in-house protocols, SOPs, etc, into procedures that run on PL Mobile. **PL Server** runs the website that PL Mobile and PL Designer connect to and securely stores all data from a procedure in an incorporated database. If you have an in-house database, PL Server can be set up to use that database.

## What do I need to start?

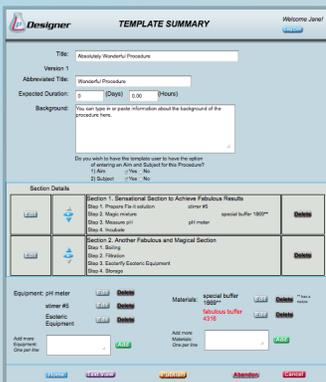
A first-time customer will need to purchase PL Suite to obtain all three components: PL Mobile for following procedures, PL Designer for transferring your procedures into a format for PL Mobile and PL Server to provide the web-site. For additional users in your group, usually you just need to purchase extra licenses for PL Mobile.



## Features of Protocol Labacus

- Step by step instructions
- Prompts and reminders
- Tracks users
- Automatic timestamps
- Multiple procedure management
- Barcode scanning
- Image capture
- Timer alerts
- Database integration
- Instant reports

## Workflow



Enter your procedure using **PL Designer**. Drag and drop text from PDFs or Word. Create new versions with a click as your process changes - version numbering and management are handled automatically.

Follow the procedure in the lab, clinic or field, entering observations, measurements and notes on the spot with **PL Mobile**. Take pictures and add them to your report. Repeat a procedure as many times as you like - each record is unique

A procedure report, including a full time-stamp record of all actions and observations is auto-generated and stored by **PL Server**. The report is easily printed or imported into other programs. You can also create a custom report format using **PL Designer**

## Hardware Requirements

**Computer:** You will need a computer to run PL Server with at least 250 MB of free disk space. The computer can be either a Windows, Mac or Linux machine. Windows or Mac computers need at least 2 GB RAM.

**Note** - Operating systems prior to Windows XP and Mac OS 10.5 are not supported.

**Tablets:** PL Mobile can be run on any tablet with a web browser, or on a laptop or desktop computer. The layout of PL Mobile is optimized for a 7" tablet but looks and works fine on a 10" tablet as well.

**Connection:** To transfer data from a tablet to the computer running PL Server, you will need a wifi or bluetooth connection. PL Mobile can be run without an active connection to the computer running PL Server as long as you reestablish connection eventually so procedure data can be transferred and new procedures uploaded. WiFi can be provided by a mobile hotspot if you do not have wifi in your building; it is also possible to use a bluetooth connection. If you run PL Mobile using a laptop or desktop that is wired into your network you do not need WiFi.

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