

Pro-curo
Software Ltd

Looking after you and your samples

Sample Management Software



Supplied By

PLANER

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Looking after your Lab

Looking after your product

We specialise in the measurement and control of physical parameters related to cell care in hospitals, laboratories and universities. Over 40 years we have moved from pioneering research machines in cryogenics to become the gold-standard supplier of equipment for cell preservation. Our team, based near London's Heathrow airport, has sold thousands electronic, electromechanical and software products world-wide through the network of 80 sales and service distributors.

We help customers achieve their breakthroughs in biology, medicine and industry and assist them to manage procedures, processes, records and data. We hold a number of patents and have received the Queen's Award for Technology and awards from the DTI for Innovation and Good Practice in Microelectronics. We are approved to the demanding standards of medical device manufacture: ISO13485:2003 & Medical Devices Directive, Annex 11 93/42/EEC: LRQA. ISO 9001:2000, ISO13485:2003 and the Medical Devices Directive, Annex 11 93/42/EEC standard.

Our customers depend on the viability of their stored samples and use our hardware and software products - programmable freezers, incubators, monitors and loggers - for the viable storage and preservation of medical and biological specimens and cell lines: cord blood, bone marrow, embryos, botanical matter, semen, oocytes, botanical seeds, skin, ovarian tissue, heart valves, blood vessels.

Products

1970s: IVF embryo freezer launched

1980s: Stem cell freezer launched

1990s: Vaccine cell freezer launched

2000s: Monitoring Software launched

2010s: Precision Cell Incubator launched

Programmed Freezing Firsts

1973: Wilmut et al. present first live animal birth from a frozen bovine embryo

1984: Trounson et al. in Australia present first successful human frozen embryo birth

1986: Chen et al. report first successful pregnancy from frozen human oocyte

2004: Donnez et al. in Belgium announce first successful birth from frozen ovarian tissue

Frozen Milestones

2006: Cord blood, frozen in 1998, successfully transplanted in Manchester UK

2007: Successful human birth in Canada from semen stored for 22 years

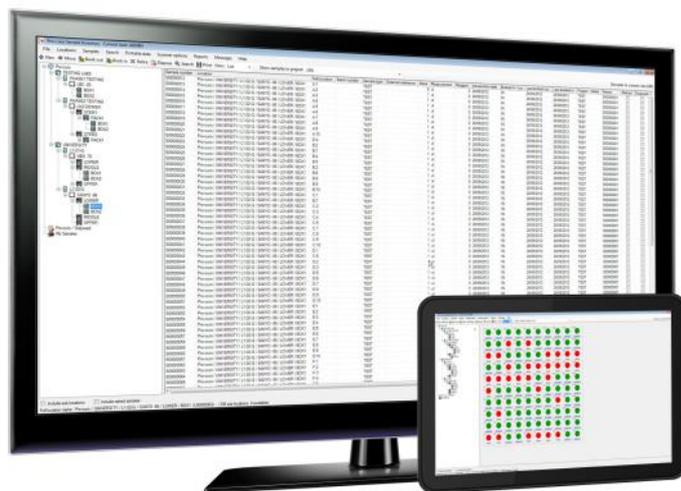
2009: The first frozen human embryo celebrated her 25th birthday in Australia

2010: Successful human birth from a frozen embryo stored for 20 years in USA

Pro-curo Software Ltd

The company....

Pro-curo Software Ltd is a supplier of sample inventory and tracking software into the life science markets, with high focus on providing technical support to our users via a telephone help-desk, internet forums and blogs along with other social media feeds. We offer Online demos free trials and customer testimonials to support why you should chose Pro-curo as your sample tracking software provider.



What makes us different....

We are focused on looking after our customers and their samples in a way that no other software supplier is offering. We offer two versions of support contract each having a list of features that offer the appropriate level of support you need.

The software....

Pro-curo is designed to be an off the shelf software package to help you track and manage your samples in a quick, easy and user friendly manner. It is based around the Human Tissue Act as this was a big driving force in getting laboratories to track their samples, but now the need to be able to see where, when and who has edited your samples is now much greater across all labs. It is now no longer acceptable to open a freezer and wonder who's samples have been moved in front of yours and where exactly have yours been moved to, let alone trying to decipher what it says in the lab book.

Right from the first screen you can see the power of Pro-curo, you can view your samples as a list or grid and edit them at them at the click of a button, swiftly move them between locations, split (aliquot) them in to new samples with every function performed in the system documented in a full history audit trail.

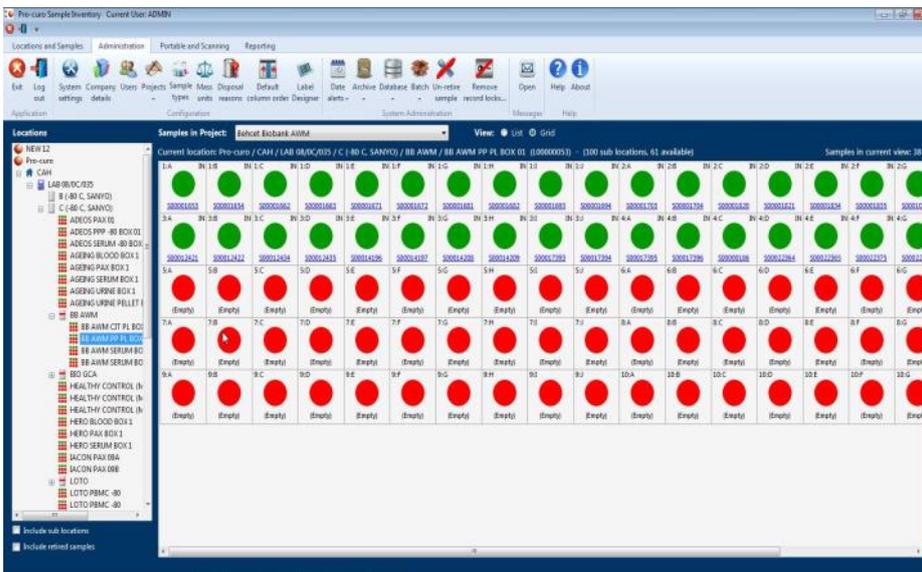
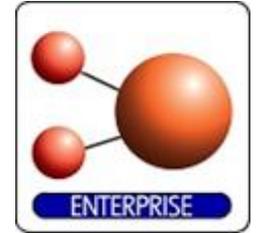
Security of the sample information is also very important to many of our users so we have a unique login system in which each user has their own login and password and everything they do within the system is stamped with their user ID. This function also allows you to assign different rights to each user such as editing samples, viewing them, disposing of them and letting them only view their own samples within the system.

Although Pro-curo is an off the shelf package we realise that your use of our software will be unique. You have the ability to design and customise your own location structure to suit your facility, define the information you want to include about your samples by project and even add your own mass measurement types.

Pro-curo has the ability to create labels with barcoded information on them and can easily integrate with your labelling solution. On top of this it also has the ability to integrate with flatbed scanners whether single or multiple readers. Pro-curo also has the ability to import current sample information into it so there is no worry about having to re-enter your sample information.

Pro-curo Software

This fully featured package has been designed for the most cost effective out of the box feature rich sample tracking software on the market. Offering a true multi user database structure and many higher level features it addresses groups needs storing in just one freezer up to labs storing up to 99,999,999 samples, within any number of freezer locations and access by any number of researchers simultaneously.

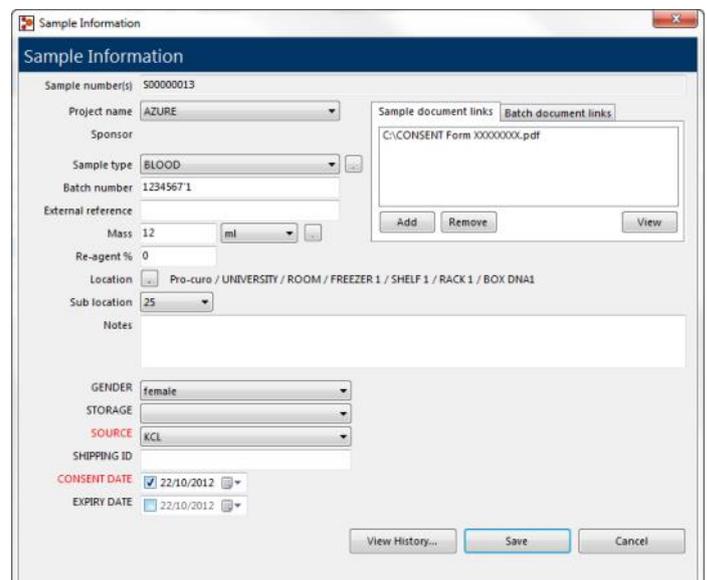


Using the powerful SQL database structure, the system is designed to work with an institutes existing database hardware. IT involvement is encouraged by Pro-curo Software Ltd from the beginning of the selection process.

In addition to supplying software to run on individual groups and researcher's workstations, the true power of barcode and RFID technology can be

harnessed to offer a fully traceable system with barcode driven transactional data allowing users to spend time on research not on recording information. This is best achieved by using Pro-curo's Mobile software offering (included within the Enterprise package), allowing researchers to perform standard database functions in the laboratory, at their desk and even within the freezer and processing rooms. With just a click of a button, scan of a barcode or the reading of a tag many functions can be performed quickly, easily and with reduced errors.

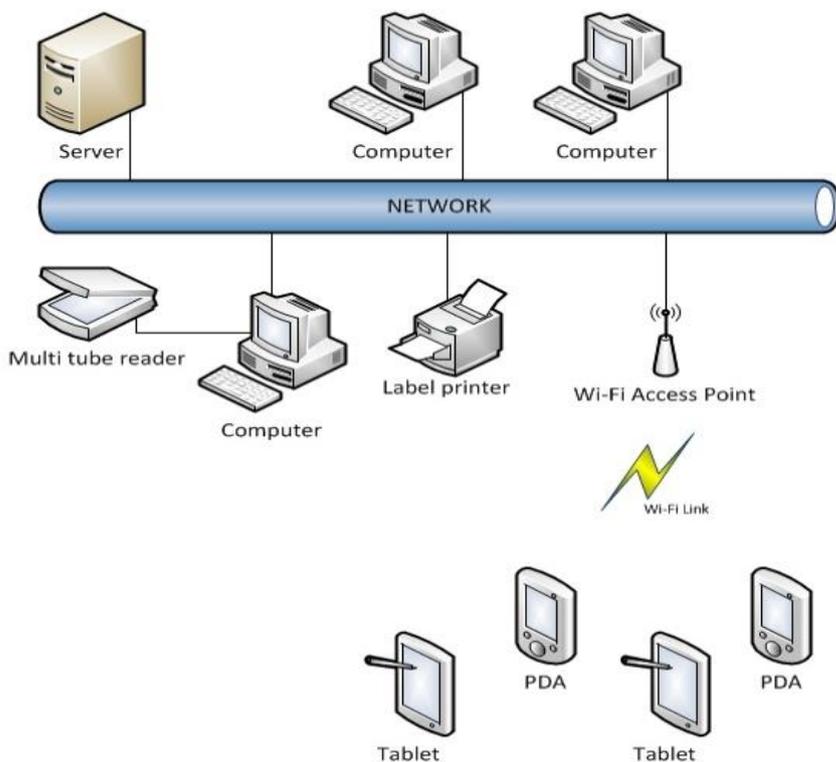
Due to the cost effective nature of this fully featured package, you don't have to be a large institute to afford to implement the software. Users range across schools within universities, hospital research focussed departments, full site animal institutions, biotech and pharmaceutical companies and contract research labs.



Pro-curo Enterprise is our most comprehensive package, and include the following:

- Multi-level security control
- Split samples at the click of a button
- Book in and book out functions
- Track samples from multiple research projects, with their own customisable user fields
- x/y Sub locations at Box level
- Integrated Barcode & RFID features to improve accuracy and reduce time
- Automatic printing of data matrix bar codes
- Powerful search functions
- Powerful reporting system (customised reports are also available)
- Complete history of every transaction for traceability
- 5 users as standard
- Portable application for Pocket PC or Win CE device
- Compatible with iPad 1st, 2nd or 3rd generation and most android based tablet
- 128bit database encryption algorithm
- Powerful multi-level location structure

Pro-curo Enterprise is available as a 1, 3,5, or Unlimited PC version, and this can be added to at any time in 1, 3 and 5 PC licence bolt-ons. The Enterprise system is for labs that require the software to be in multiple labs, on multiple workstations and who wish to exchange data with other systems and are using it on a more mobile basis. Pro-curo Enterprise is also perfect for users who require greater security and want to use it across departments.



Typical hardware configuration

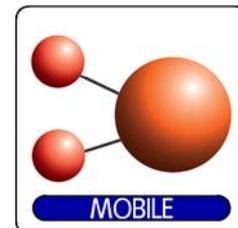
Multiple user – Server or local PC install of SQL Server required

Works with MS SQL or My SQL

SQL not supplied with Pro-curo

Setting your workforce free

Pro-curo Software has a suite of mobile offerings, and each of them allows labs and bio-repositories to have solutions for different contexts and user types as needed rather than



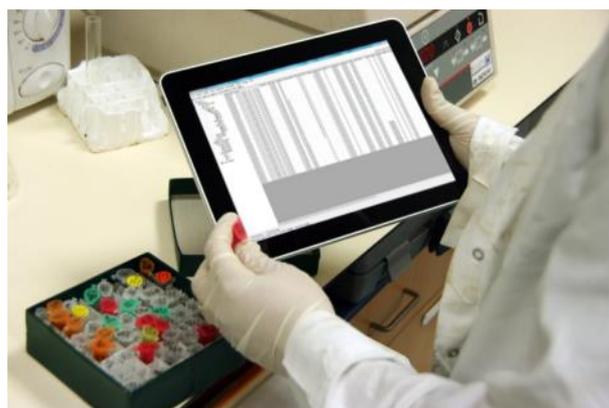
Pro-curo Mobile

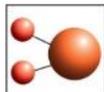


An app for intensive users who are willing to install it for a precise purpose, this native app allows completely independent operation and does not need a desktop in any way (as long as it is connected wirelessly) allowing workers to be free to work in a freezer room or clean room outside the lab. The app provides users with the ability to move, book in/out and dispose of samples, along with a very powerful audit facility to stock-check freezers. Using one of Pro-curo's combined devices that include an integrated 2D barcode reader creates even greater efficiency gains because a technician doesn't need to type in a sample number or figure out a current sample location. One simply selects "move samples" to scan one or 100 samples, then scans the rack, drawer, or box location barcode and the process is complete - along with full traceability of when/where/by whom this action was performed to be added securely to the central database. Data storage is not external cloud-based because of the sensitivity and security of the data.

Pro-curo Remote

An app for regular users who want to quickly switch from desktop to tablet, this app allows workers to start processing samples on a desktop in their lab and then take the screen virtually with them on their mobile tablets. The advantage here is a seamless transfer, by simply turning off the desktop screen and turning on the tablet, opening the Pro-curo app, and working at the same software location, but now free to roam (within the confines of the wireless network)





Pro-curo Feature list

Max no of samples	100,000,000
Complete history of every transaction	YES
Multi PC	YES - 1,3,5,Unlimited
Database structure	MSSQL & MySQL
User manager	YES
MySamples	YES
Sample view restricted by project	YES
Auto logoff function	YES
Split samples function	YES
Customisable user fields.	YES
Edit multiple samples	YES
Book in and book out function.	YES
Multi level location structure	YES - 7
X/Y sublocations (box/plate level)	YES
Grid view	YES
Standard report generation	YES
Custom reports	YES
Label design	GRAPHICAL
Barcode generation*	1D & 2D
Data import function	YES
Sample search function	YES
Advanced SQL search builder	YES
Date alerts	YES
Double blind auditing function.	YES
History archive function	YES
Internal messaging	YES

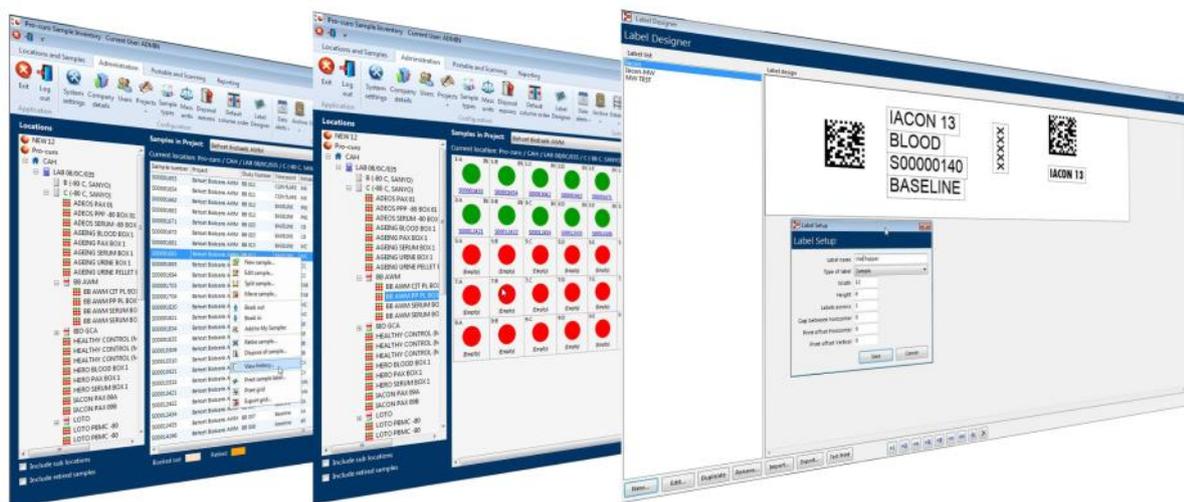
Legislation

We understand that regulation drives how everyone works in their labs, this is why we work closely with the authorities to make sure we can provide you with a system that will enable you to be compliant with these regulations. Click the HTA logo for an overview.

The need for increased sample traceability and identification is not a new thing. In the past few years much more emphasis is being placed on this particularly within life science research utilising human material.

The European Tissue Directive came into force in 2006 and this created a requirement to know exactly what samples you have, where they are and who they came from. In particular the issue of managing ethical consent is a major scientific requirement for anyone wishing to use human material within their research.

In addition to these directives the need for well organised data and samples fits within the remit of Good Laboratory Practices GLP, which all researchers should be aspiring too. After all what good is a sample if you do not know what it is and/or where it has been. Pro-curo is a sample management system that addresses these issues, it has never been more important to have a traceable sample storage system.



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