

LPM V5

Lab Production Manager



> Graphical user interface (Windows) > Architecture :

- Windows XP/2003
- Stand-alone workstation or client/server
- Embedded ORACLE® Relational database: a single licence, a single maintenance contract
- Ethernet

> Connection to central system using P.G.P., ASTM or HPRIM protocol

> Easy installation in an existing LDS V4 network via Ethernet or RS 232

> Manages all types of communication with the analysers (mono- or bidirectional, host query,...)

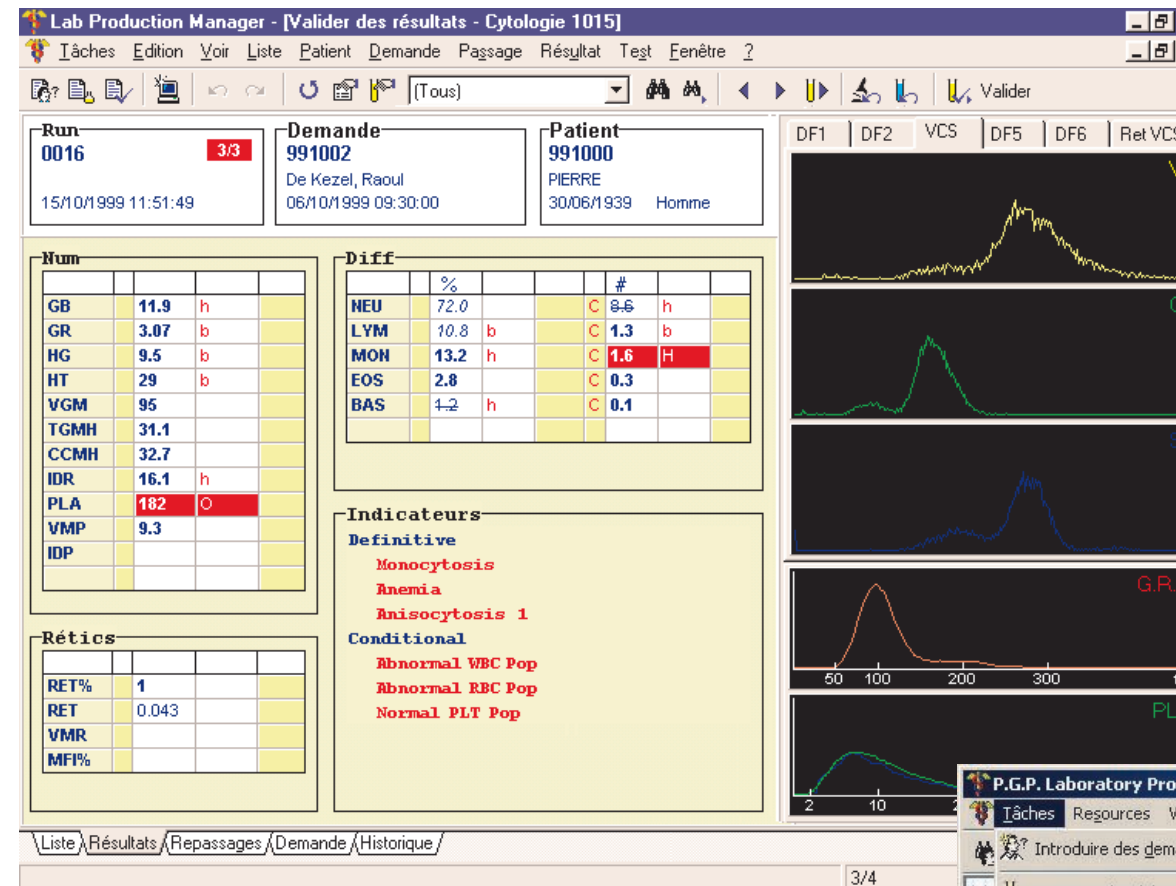
> Optimised management of multiple analysers (validation from any station within the network)

> Automatic creation of work lists per analyser (using bar codes)

> Total Traceability

> Sample management

- ◇ Pre-analytical treatment
 - Sample acceptance
 - Sample sorting
 - Centrifuging
 - Aliquotation
- ◇ Analytical treatment
 - Manual or automatic routing
 - «Reflex» test determination
 - «Repeat run» determination
 - «Dilutions» calculation
- ◇ Post-analytical treatment
 - Long-term storage



> Two result validation levels providing:

- Display of previous values
- Display of analyser graphics
- Repeat run including selection of analyser, dilution, ...

> Central quality control

- Global view of all laboratory equipment

> Instant quality control of analysers

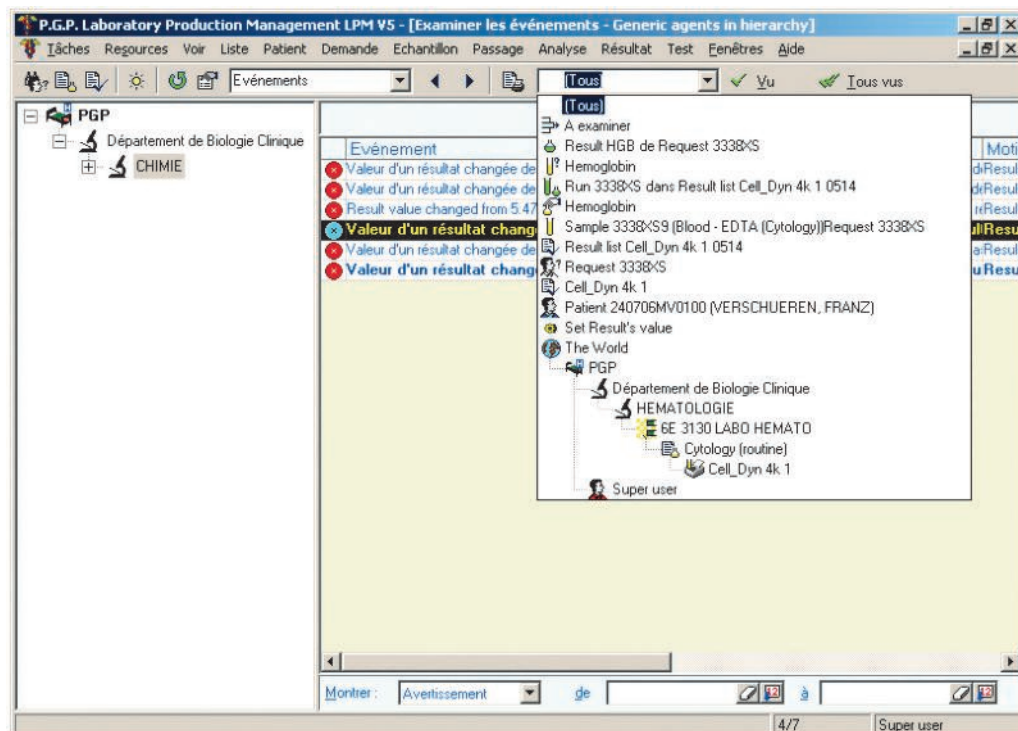
- ◇ Real-time : administration of analyser alarms
- ◇ Real-time : management of control tubes
- ◇ Real-time : Westgard rules
- ◇ Statistics et graphics :
 - averages, standard deviations
 - Levey-Jennings

> Instant patient quality control

- ◇ Delta check on previous values
- ◇ Usual values depending on each population type

> Export to quality control between laboratories

> Connection to an external expert system



In its twenty five years dedicated to information technology in biology in seventeen countries, P.G.P. has gathered extensive experience in laboratory automation.

Extending our scope of activities beyond simple connection of analysers, P.G.P. today covers the entire production management of analysis results.

Due to P.G.P.'s neutral positioning towards manufacturers of instruments and laboratory management systems, users are not limited in their choice of devices and have a guaranteed durability for their investments.

