

LPM V5.5

LAB PRODUCTION MANAGER



Clinical laboratories work with different analysers that are generally grouped according to functions and often located at different points of the laboratory. When a laboratory receives an analysis request, it needs to be able to quickly route the sample to the appropriate workstation and instrument and enter the results into a centralised system once they have been validated by a suitably qualified staff member.

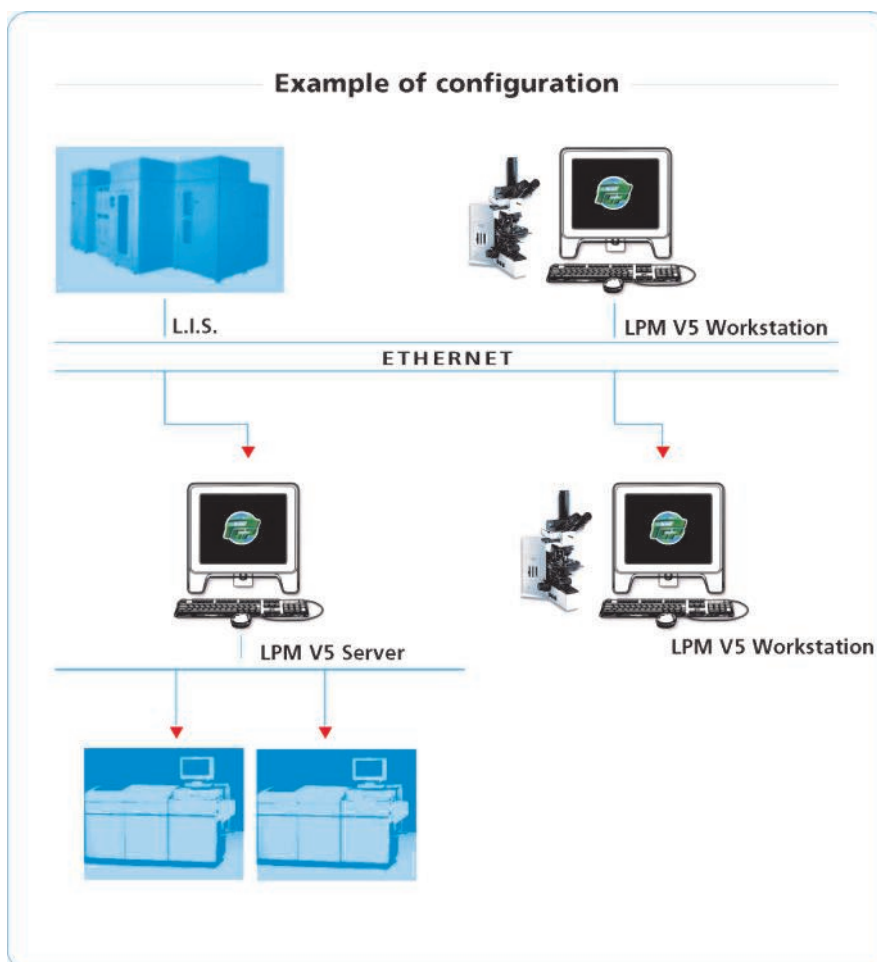
Lab Production Manager V5

LPM V5 has been specially designed to send results to the sorting bench before passing them on to the laboratory scientist and before releasing them to the end user. This process fully complies with the CPA manual for laboratory accreditation. It is an extremely powerful yet simple-to-use tool and provides laboratory scientist with the guarantee that the results from the analysers will be managed both effectively and efficiently. Thanks to LPM V5's wide array of parameters and the fact that it has an integrated programming language, the application is fully configurable and can therefore be easily adapted to the needs of different users, who can modify functions such as the automatic results validation, reruns, reflex tests, etc.

Directly linked to a centralised computer system or a client/server network, P.G.P.'s LPM V5 workstation can be integrated into laboratories that handle anywhere between 50 and 8000 or more requests a day. The significantly enhanced version -LPM V5.5 - is the result of a painstaking development process conceived to continually boost the performance and efficiency of clinical laboratories... because our present is built upon our vision of the future.

Blood Cell Counter

Connected to the laboratory's haematology analysers, and capable of providing clear and precise WBC reports, P.G.P.'s Blood Cell Counter offers numerous possibilities to today's laboratories.



When validating the results produced by the analyser, the laboratory scientist uses his or her own criteria to create the list of blood smears to make.

P.G.P.'s Blood Cell Counter, for example, allows,

- > viewing and retrieval of graphs, distribution curves and scatter plots;
- > abnormal cell count;
- > automatic transfer of results to the L.I.S.

The Blood Cell Counter can also be run independently of the analyser.

LPM V5.5

LAB PRODUCTION MANAGER



A versatile and efficient system

- > No more need for manual input of results into the laboratory management system.
- > Standard PC solution, free from hardware constraints.
- > Easy PC-equivalent maintenance.
- > Cell-count list created by laboratory scientist on the basis of automatic technical validation results.
- > Automatic selection of blood smear requests by user-defined algorithms.
- > Transfer of blood smear requests to instrument equipped with slide maker.
- > Processing of automatic cell-count analyser alerts.
- > Free definition of cell-count numbers or choice of predefined thresholds (50, 100, 200, 400).

List of slides

Barcode	Request	Priority	Name	Status	DIFF
MZ6390	MZ6390		ONTE, GENNARO	res	res
LZ3498	LZ3498		RELA, STANISLAS	res	res
NC8405	NC8405		OULOUBIEFF, DENISE	res	res
6662YA	6662YA	Urgent	OEKER, DANIELLE	res	res
MW3639	MW3639		ROQUET, JEAN-MICHE	res	res
6677YA	6677YA	Urgent	OUVAN, DELPHINE	res	res
6659YA	6659YA	Urgent	EVOLDER, MAXIME	res	res
6655YA	6655YA	Urgent	ANIMPEL, DENISE	res	res
6652YA	6652YA	Urgent	AEMAEKER, MONIQUE	res	res
6668YA	6668YA	Urgent	IMON, PIERRE	res	res
NC9335	NC9335		ODELOFFE, CLAUDE	res	res
NC8398	NC8398		ICHIELS, CYRIEL	res	res
MZ8372	MZ8372				
NC4216	NC4216				
NC8409	NC8409				
MZ9007	MZ9007				
NC9325	NC9325				
MVB455	MVB455	Urgent			
6651YA	6651YA	Urgent			
6685YA	6685YA	Urgent			
6540YA	6540YA	Urgent			
NC6725	NC6725				
MY9726	MY9726				
MZ2962	MZ2962				
6648XZ	6648XZ	Urgent			
2800YC	2800YC	Urgent			
LY4586	LY4586				
MZ9010	MZ9010				

DIFF Counter

Id : NC9247 CIMENCI, TULIN 16/09/197

Y U I O P ALY# PLCY#

Assign Key to Element

is to be assigned to

Counted

Keyboard: Pavé droit de 5 touches alpha

Variety of keyboard configurations to suit the needs of each laboratory

▲ Personalisation of keyboard

Analyser results

P.G.P. Laboratory Production Management LPM V5 - [Valider des résultats - Ech. Dyn 4k 1 0130]

Patient: OHÉE, HENRI Demande: NC1460 Passage: NC1460 r34108

Num	Unit	Value	Diff	%	SI	C	0.00	3.00
WBC	6.4	5.9						
RBC	4.25	4.00						
Hgb	14.7	14.5						
Hct	41.8	41.8						
MCV	105.0	104.0						
MCH	34.5	36.3						
MCHC	32.9	34.7						
RDW	12.0	12.0						
PLT	218	197						
MPV	8.14	6.60						
PDW	14.9	15.3						

Diff

HEU	LYM	MON	EOS	BAS	NRBC	LYA	PLCY	BLA	PMY
0.0	6.0	15.0	3.0	41.0	1.0	1.0	NP	NP	NP

Compteur formules

Id : 2186XP WIGHEMER, SERGE 16/09/1959 Homme

Y	U	I	O	P	LAT#	PLCY#

BLA# PROM# M# MV# NRBC# g

BAS# EOS# MON# LYM# HEU#

1 2 5 33 59

1.8% 2.8% 5.8% 33.0% 59.0%

Comptage : 100 de 100 cellules

Cell-Count screen with each box representing a keystroke



- Add to slide control workload
- Immediate slide count

- > Personalized keyboard configurations to suit user's needs
- > Abnormal cell count option
- > Viewing of graphs and results at counting station
- > Addition of integrated comment
- > Automatic transfer of results to L.I.S.

Data Innovations Europe- P.G.P.
 Avenue Jacques Brel, 34
 1200 Bruxelles
 Belgium
 Tel: +32 2 770 62 22
 Fax: +32 2 775 91 96
 E-mail: europe-sales@datainnovations.com

SDLM (P.G.P. in France)
 Tour Égée
 9-11 Allée de l'Arche de la Défense
 92761 Courbevoie Cedex
 Tel: +33 1 76 63 74 20
 Fax: +33 2 97 57 75 72
 E-mail: ventes-france@datainnovations.com

PGP (UK) Ltd.
 Davidson House
 Upper St John Street
 Lichfield WS 14 9DU
 Tel: +44 1543 410 996
 Fax: +44 1543 410 997
 E-mail: sales@pgp.co.uk