



# THERMAL VALIDATION SYSTEMS

for the Pharmaceutical / Biotechnology Industry

## XpertLog® Software

Controls all systems manufactured by Lives International

- real time wireless data loggers
- standard wireless data loggers
- mapping wireless data loggers
- continuous monitoring data loggers
- thermocouple based systems

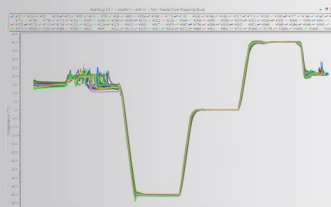


### Technical specifications:

#### Features:

- create reliable reports - all calculations are performed after the data is downloaded from the loggers

- split the raw data stored inside loggers during several tests in as many tests as performed
- create
  - raw data reports and F value reports
  - trend reports
  - statistics reports
  - image reports
  - steam saturation reports
  - calibration certificate report
  - 3 D reports
- assign verifications at the performed tests
- create custom calculations using the "Virtual Channels"
- add comments in the header of the reports



- USB communication with

- data loggers
- temperature blocks
- reference probes

- 4 access levels

- administrator
- user
- reporter
- reviewer

- close loop calibration

- calibration / verification of the sensor before running a test
- verification of the loggers after running a test
- fully automated calibration - the calibration equipment controlled by the software

- use of templates to create final reports

- create a library of users / organizations
- create acceptance criteria templates
- create a library of equipments

- generate final reports

- all the reports generated by the software merged in one single report
- paginated
- conclusion of the report in the first page
- acceptance criteria
- summary of the results

- 3D view
- trends
- steam saturation
- images
- raw data
- calibration / verification report
- calibration certificates

ISO 9001 : 2008; ISO 14001 : 2004; ISO 18001 : 2007;



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