

Boomerang - system overview

Boomerang System

BRAD002 - Boomerang Desktop
BSER001 - Boomerang Server-Client
Boomerang-in-the-cloud

Description

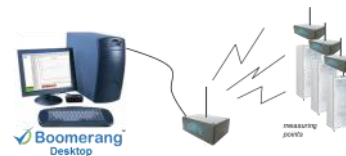
Boomerang is an automatic monitoring and log system designed to simplify our customers quality assurance. Continuous log, safety and traceability are keywords for us monitoring data like temperatures and other critical control points.

There are Boomerang solutions available for smaller systems as well as for large global corporations having facilities all over the world.

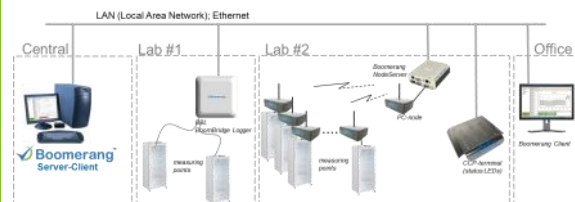
Boomerang is developed according to GLP, GMP and FDA CFR21 part 11, which is necessary for meeting quality assurance requirements such as traceability and safety.

Applications

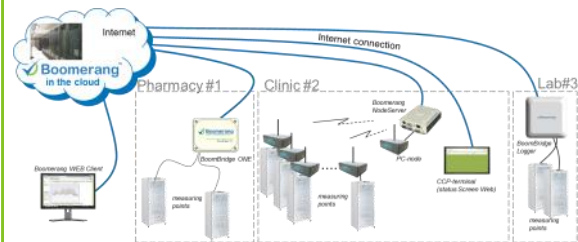
- Hospital laboratories
- Blood banks
- IVF / Infertility clinics
- Biotech laboratories
- Clinical laboratories
- Food producers
- Restaurants
- Dairies
- Catering facilities
- Pharmacies



desktop



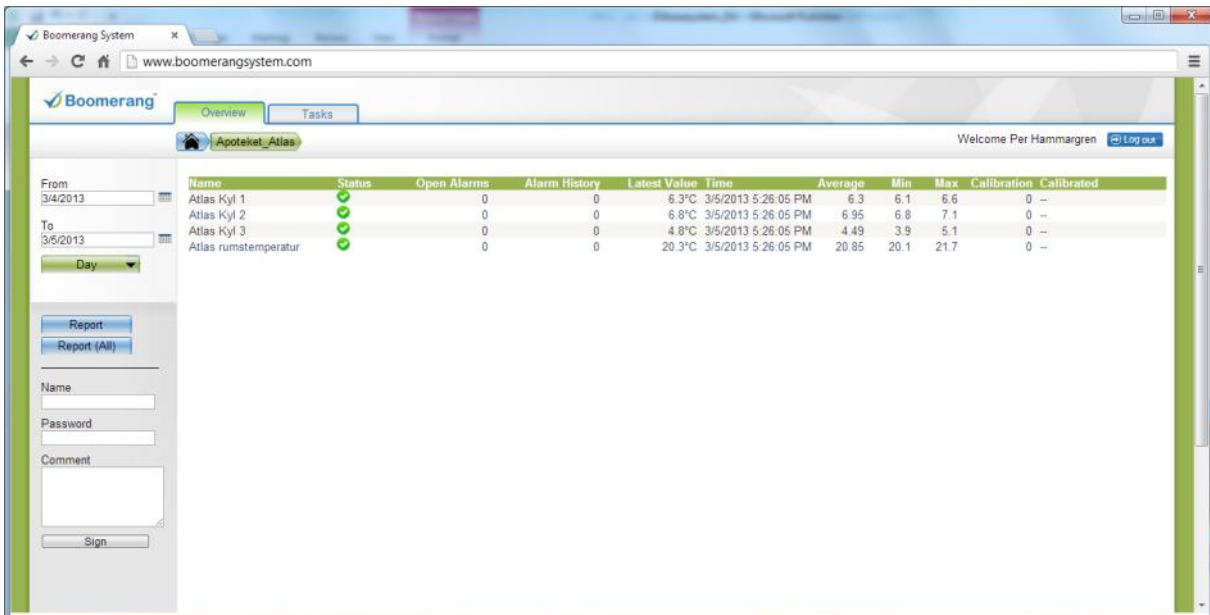
server-client



cloud service

intuitive user interface

- user-friendly
- fast overview
- alarm status
- average / max / min
- efficient reports
- few clicks
- easy signing
- latest values
- graph for details
- open tasks list



Boomerang System

www.boomerangsystem.com

Overview Tasks

Welcome Per Hammargren Log out

From	Name	Status	Open Alarms	Alarm History	Latest Value	Time	Average	Min	Max	Calibration	Calibrated
3/4/2013	Atlas Kyl 1	✓	0	0	6.3°C	3/5/2013 5:26:05 PM	6.3	6.1	6.6	0	-
	Atlas Kyl 2	✓	0	0	6.8°C	3/5/2013 5:26:05 PM	6.95	6.8	7.1	0	-
	Atlas Kyl 3	✓	0	0	4.8°C	3/5/2013 5:26:05 PM	4.49	3.9	5.1	0	-
3/5/2013	Atlas rumstemperatur	✓	0	0	20.3°C	3/5/2013 5:26:05 PM	20.85	20.1	21.7	0	-

Day

Report

Report (All)

Name

Password

Comment

Sign



Data Security and Traceability

The Boomerang system is a quality assurance system that provides full traceability of all gathered measurements. The logged values are stored in the Boomerang database, giving indication of time, system activity, and the user that performed the activity. Examples of system activities are deviations, alarm signatures, and calibrations.

The system supports different levels of user rights, ranging from Normal User to Administrator. To sign off activities a user has to be registered with proper user ID and password.

Alarms and Notifications

The Boomerang system can be configured to alert users on deviations from pre-set limits. Alerts can be matched to working schedules, e.g. during office hours the alerts are directed to a different user than during after work hours.

The Boomerang system can be configured to alerting in several different ways, such as via e-mail, SMS, visual (LED) status display, and output relays that can be connected for example sounds or light flashes.

Reports

It is easy to generate reports of logged values in Boomerang. The reports can be printed or saved for example as PDFs.

Back-up

The Boomerang system can be configured to backing-up data automatically in accordance to the routines of your work activities, should they for example be daily, weekly, or monthly.

Installation

The installation is very easy, fast and flexible. The measuring nodes can be wireless or LAN-based depending on the environment where the system is installed.

