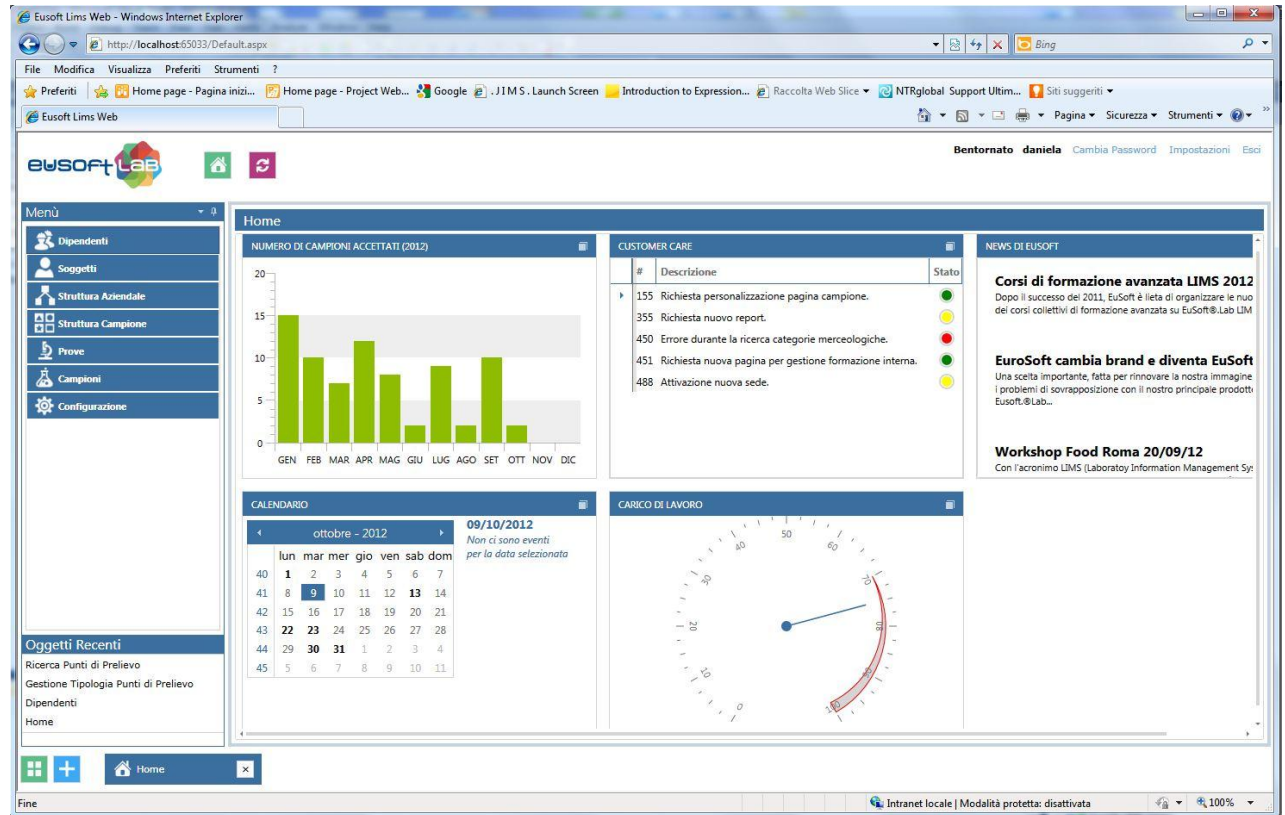# Eusoft.Lab 10: a jump over the LIMS

Eusoft.Lab takes much more than a step forward. A real generational change, a complete re-engineering of the product that is both a leap forward in its technological evolution and a high jump towards demanding market segments that seek, a LIMS Italian, with technical and functional characteristics comparable to those of major international competitors.

EuSoft.Lab10 combines the comprehensive functionality of a LIMS system on the market since 1997, with about 200 clients among testing labs and quality control, to the most advanced and innovative technologies in the web, natively integrating the functionalities that enable its' use as a service (SaaS) in Cloud Computing platforms and the integration with mobile devices such as smartphones and tablets.

Eusoft.Lab: 10 benefits

1 **Web based with interactive and intuitive interface**

EuSoft.Lab 10 can be used without any installation on the client side but through a single configuration of the server to connect to through the browser.
EuSoft.Lab 10 is based on three-tier architecture, which allows the application to process the data at the client level and provide a prompt response to the user interface and is also a Rich Internet Application (RIA) that is a web application that has the features and functionality of desktop applications, without without need of any installation on the client side

2 **Based on proprietary framework**

EuSoft.Lab 10 uses a framework developed entirely by EuSoft consists of a set of libraries and objects of the graphical interface. This allows the user to always have the same kind of interaction with the application regardless of which module you are using. Through objects and libraries of the framework, it is also possible to add quickly and easily to your application customized features.

3 **Processes and configurable GUI**

EuSoft.Lab 10 is highly configurable by the user with features such as graphic design interface, custom definition of the processes workflow and events, designing the rules of the state and configuration of the calculations. The configurability of the system makes the LIMS suitable for both large and small laboratories.

4 **Technologically advanced**

EuSoft.Lab 10 is developed using the latest computer technology. For the interface is used a technology that allows you to display *Rich Internet Application* (RIA) within the browser that is highly interactive multimedia applications.

The business logic is provided through services easily updated, extensible and integrable with other systems.

5 **Scalable**

The scalable architecture allows EuSoft.Lab 10 to improve the performance and reliability of the system through clustering and load balancing. The performance can be easily scaled by adding servers to the cluster. Thanks to the load balancing if one or more servers fail, the client requests are automatically routed to other servers in the cluster so you do not have any service interruption.

6 **Multilanguage and multilocalization**

Access to EuSoft.Lab 10 is based on the locale set by user. The translation of data, time zone, regional settings and formatting of dates, along with support of Unicode, allowing the simultaneous use of LIMS from users located in different countries or who speak different languages.

7 **Configurable authentication**

Access is based on roles and protected by credentials. The advantage of this type of solution is that users inside and outside the laboratory, as well as customers and suppliers, they can easily access the information they need, and which have visibility at any time and from any place increasing the effectiveness of the decision-making process.

The credentials are verified through authentication provider configured by the user.

8 **Interfaced with other systems and technologies**

Through the use of proprietary framework, EuSoft.Lab 10 fits perfectly with external systems, such as public and private databases, ERP and other business applications with time saving and reducing errors.

9 **Live update**

EuSoft.Lab 10 Updates are made available automatically and enabled users will be notified and may at any time update the system directly on the server.
Updates that are applied maintain the customizations and configurations of the client.

10 **Powered by EuSoft**

EuSoft.Lab 10 has been completely re-engineered by EuSoft on the basis of the functional specifications derived from the experience gained since 1997 with nearly 200 testing labs and quality control. EuSoft.Lab 10, thanks to advanced technologies and a high-level design, native integration capabilities that allow it to be used as a service (SaaS) in Cloud Computing platforms and can be easily integrated with mobile devices (smartphones , tablets, etc. ..).

eusoft www.eusoft.it - info@eusoft.it