



Labmate R1

The new web-based software product for the administration of materials sampling and laboratory analyses in factory environments.

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Brief information

Labmate is a new, web-based software product for the administration of materials sampling and laboratory analyses in factory environments. Its clearly comprehensible and user-friendly structures, combined with a high degree of flexibility, assist you in your daily tasks in the context of quality assurance and process control. Its scalable architecture adapts easily to your performance requirements.

Philosophy

Labmate already covers a wide range of functions. Despite that, it may lack one or two features for your particular requirements. Our philosophy is not about expensive individual solutions, but the integration of your suggestions into the basic functions of Labmate.

Views

Labmate is oriented around the workflow associated with sampling, laboratory analysis and data evaluation. The Samples, Laboratory and Evaluations views are provided for this purpose, along with supporting functions. Access rights to these functions are assigned in User Management.

Classification of materials, units of measurement

The company-wide, standardised, freely definable two-stage classification of materials ensures uniform and rapid access to your data. Central administration of all units of measurement prevents inconsistencies and input errors as a result of delimitations.

Locations, factories and laboratories

Labmate is not restricted to a single factory or laboratory, but permits the representation of a wide variety of corporate structures. In addition to the assignment of the company's own factories to locations, even outside laboratories can be included. Process areas (production, dispatch etc.) and corresponding sampling points are assigned to each factory. This comprehensive representation of the actual structures offers you maximum transparency in the creation and monitoring of test schedules.

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Analysis definitions

You can create analysis definitions for each material, with an unlimited number of numerical and nominal measurements. Labmate also handles the waiting time between sample preparation and measurement, such as in the case of the strength of mortar samples.

Functional values (such as the mean, maximum or minimum) automatically updated by means of analytical values of your choice facilitate the handling of extensive analysis results.

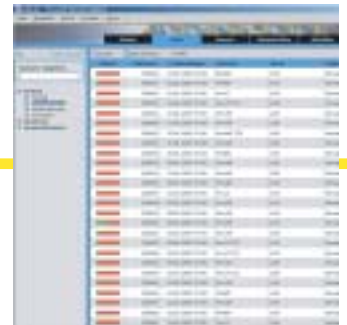
Labmate supports process control with a three-stage alarm system (warning, preliminary alarm and alarm).

Test schedules

The test schedules form a keystone of Labmate and control the questions:

- How often? At what intervals?
- Which analyses?
- Which sampling points?

If required, Labmate automatically requests that these samples be taken by the plant personnel.



Pending tasks

Labmate gives you various views of pending tasks. In the laboratory these are samples that have only been partially processed if at all, as well as terminated analyses. In the case of samples, the required dates for sampling are listed.

Document management

Documents (such as handling instructions, analysis rules) can be attached to materials, sampling locations and analysis definitions. These documents are available in their common formats in the Samples and Laboratory views.

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Reporting

Reporting is shaped by industry-related requirements and some very different ideas. Labmate copes with these demands by keeping layout and content separate. The integration of Crystal Report Application Server enables report layouts to be designed as required, and published via the Internet. The presentation options are augmented by comprehensive graphics facilities.

The required analytical values can be compiled in any report by a simple click of the mouse. Export options into PDF, Word, Excel and RTF format enable further editing in reports, or dispatch as e-mail.

Alternative modes of use

Labmate is installed on your servers as a purchased licence or integrated into your server landscape as a complete system. We support the initial phase of deployment by means of our remote service.

Alternatively we offer a full-service leasing solution. In this version we provide you with the entire system (server, software, maintenance and support) at a fixed, affordable monthly rate. This relieves you of all investment costs.



Technical requirements

Labmate is a comprehensive server application, based on three core components.

- The presentation logic is based on ASP .NET and requires a Windows Server (version 2000 or later) with Internet Information Server (IIS).
- Data are stored in an Oracle database (version 9 standard or later).
- Reporting uses Crystal Report Application Server (version 9 or later).

The three software components can be installed on a single server or, if required, on different server systems in case of heavy load. Communication between the components is in all cases by means of TCP/IP.

We will be happy to assist you with the integration of Labmate into your systems environment