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WEBLAB.MDW

Web solution for the integrated management of all laboratory instruments (diagnostic devices) and the connection with Laboratory Information Systems (LIS).

Features

Instrumental interface application that provides a comprehensive view of the laboratory down to the individual instrument, instantly reporting any anomalies. From any workstation, it is possible to monitor the entire process in real-time without the use of additional components. Specifically, the system features:

- Real-time control dashboard
- Complete sample traceability
- Check-in/Check-out
- Worksheet management
- Management of analytical Turn Around Time (TAT)
- Notification/Alarm management
- Instrument flag management
- Acquisition of images/graphs
- Automatic result validation
- Expert rule system
- Integrated management of instrumental Quality Controls (QC)

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Architecture

WebLab.MDW is designed using cutting-edge technologies for easy and immediate usability:

- HTML5 web technology
- Databases: SQL Server, Oracle, PostgreSQL
- Available on the Cloud and on-premises
- Compatible with any browser
- Management of distributes laboratory networks

Certifications

IVDR 2017/746 Class A.
FDA 510(k) clearance process in progress.

Integration

WebLab.MDW is an open system designed for the bidirectional data exchange with both analytical instrumentation and corporate information systems. Integrations occur through:

- International standard protocols IHE
- Protocols HL7/ASTM/proprietary
- Supporting any communication protocol
- Allowing an unlimited number of integrations simultaneously

Instrument Control
Weblab.MDW can interface instruments of any brand and model of the following types:

- Pre-analytical
- Analytical
- Automation

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Technical specifications are subject to change without notice.
Manufacturer: Tesi Elettronica e Sistemi Informativi S.p.A. - SB

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