

Dawning Technologies JResultNet

Flagship Java-based lab middleware and interface engine software for clinical laboratories, providing instrument connectivity and enterprise autoverification.

<https://www.dawningtechnologies.com/>

Overview

JResultNet is Dawning Technologies' (now a product of Data Innovations LLC) flagship Java-based lab middleware and Interface Engine Software. It is a highly scalable and platform-portable solution designed for the clinical laboratory market, capable of handling connectivity from single instruments to enterprise-wide, multi-hospital autoverification implementations. The software provides a common user interface and a robust set of configuration and message mapping tools.

Key Capabilities

Connectivity: Acts as a complete interface manager, controlling all connections between clinical instruments and information systems (LIS, EMR/EHR).

Protocol Support: Supports a variety of industry-standard protocols, including HL7, ASTM, XML, CSV, CDF, HPRIM, flat file, and direct database connections.

Autoverification & Rules: Features powerful rule-based processing capabilities for custom data functions like range checks, adding standard comments, special data filtering, and reformatting. The dedicated JResultNet Rules Development Kit (RDK) allows for rapid development, testing, and validation of these rules.

Deployment: The core software is Java-based and platform portable, running on LIS servers or PCs. An embedded version runs on Dawning's hardware interfaces (like the JavaLin/PDI) for small-footprint connectivity.

Tools: Includes the JResultNet Workstation, QC integration, and data mining capabilities.

Security: Recent enhancements include support for Federal Information Processing Standards (FIPS) encryption for remote access.

JResultNet is positioned as a flexible solution to leverage lab data more effectively, resulting in faster turnaround times, fewer errors, and increased efficiency for laboratorians.

Key Features

- Enterprise-wide Autoverification
- Instrument Interface Engine

- Rules Development Kit (RDK)
- Message Mapping and Customization
- Support for HL7, ASTM, XML Protocols
- QC Integration
- Data Mining
- Remote Accessibility via GUI

Pricing

Model: enterprise

Pricing is not publicly disclosed and is provided via quote from Data Innovations, typical for enterprise lab middleware solutions.

Target Company Size: small, medium, enterprise

Integrations

LIS (Laboratory Information System), EMR/EHR (Electronic Health Record), IVD Instruments, POC (Point-of-Care) Systems

Compliance & Certifications

FIPS (Encryption Support)

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