

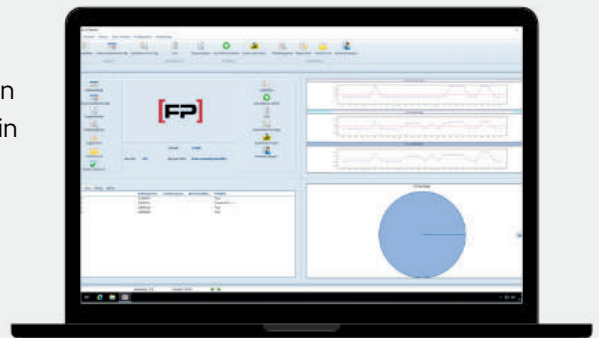
Efficiency and Precision for Foundry Labs

In the fast-paced foundry sector, precision and efficiency is the key. **[FP]-LIMS** is your tailored solution to enhance production and quality assurance. It addresses foundry-specific challenges, enabling real-time data management for improved traceability and continuous improvement. Automate critical workflows to increase productivity, reduce waste, and maintain quality standards.

Powerful Laboratory-Information-Management-System for Foundries

In the era of Industry 4.0, **[FP]-LIMS**, also known worldwide in foundries as **[DIA]**, is essential for technological advancements. It enables seamless integration with Metal Power devices, supporting centralized data collection and analysis, which is critical for process automation and optimization. The reliability of **[FP]-LIMS** is underscored by its proven track record, making it adept at meeting the unique challenges of foundries. It not only enhances production quality and efficiency but also reduces costs through precise monitoring and quick responsiveness to production deviations.

By promoting data-driven decision-making, **[FP]-LIMS** allows decision-makers to gain insights into production processes and identify trends contributing to continuous improvement. This solution is crucial for foundries seeking a sustainable competitive advantage in a competitive environment and looking to leverage the benefits of digital transformation fully. **[FP]-LIMS** thus represents the key to making Industry 4.0 a reality, revolutionizing efficiency, quality assurance, and cost management in the modern manufacturing landscape.



Full Integration

Direct and seamless connection with all Metal Power measuring devices.



Central Data Management

Unified data management enables comprehensive analysis and quality control.



Cost Efficiency

Receive one standard license for free with the purchase of a Metal Power device.



Scalability

Expandable with additional features and devices to meet growing demands.



Customizability

Flexibly customize the system to meet individual needs and processes.



Reliability

Proven in foundries for over 30 years; reliable stability and performance.



Data Security

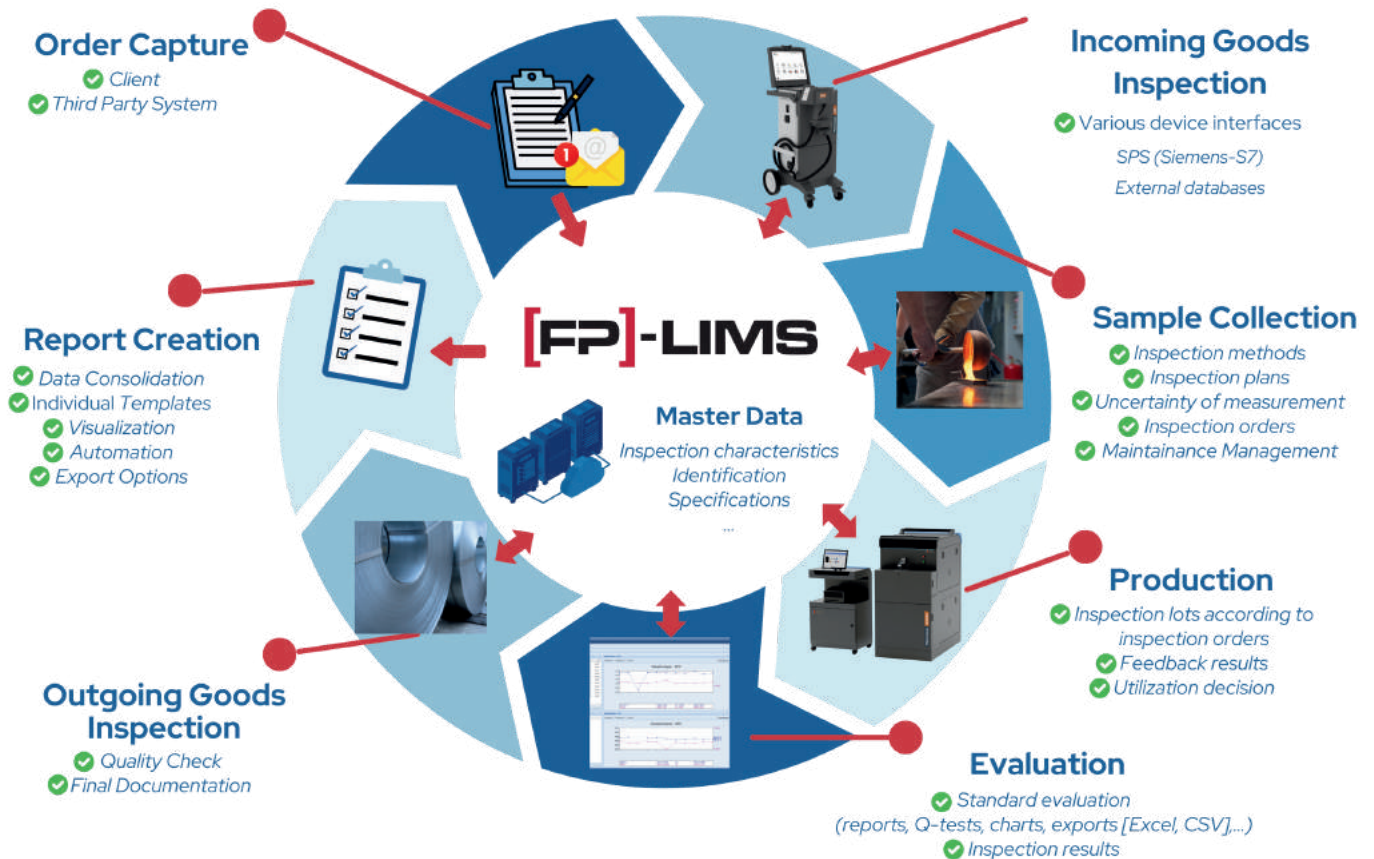
Secure data storage and compliance with ISO 17025 through audit trails.



Industry 4.0

Key element for digital transformation and connectivity in the manufacturing process.

Workflow



Important Functions

Collect

- Interfaces to analytical devices for real-time data capture
- Flexible Data Import from various sources
- Predefined Input Forms to standardize data collection
- API Integration for data exchange with external systems
- Integration of Third-party Systems such as SAP

Analyze

- Customizable Reports for specific requirements
- Statistical Process Control: History Charts, Histograms, Correlation, X-, S-, R-, IR- Charts
- Trend Analysis for process optimization
- Numeral statistic & Diagram formats
- Export Options in formats such as Excel, CSV, TXT, Word, Database

Archive

- Secure Data Storage with access control
- Long-term Archiving to meet compliance requirements
- Quick Access to historical data
- Automated Backups for data integrity
- Cloud and Local Storage Options for flexibility

Trace

- Audit Trails for every action and change
- Sample History with all related data
- Compliance with Standards like ISO 17025
- Quality Management through traceability
- Alerts for deviations