

**COLOMBIA:**  
**ECMS Fact Sheet I**  
**- System Overview -**



**System Title**

Sistema de Información de Inspección, Vigilancia y Control (SISINFO)

**ECMS Status**

Active

**Principal Institutional Owner**

Ministry of Labor

**Implementation Stage Reached**

Full Deployment

**Secondary Institutional Users**

- Ministry of Health
- National Directorate of Taxes and Customs (DIAN)
- Network of Chambers of Commerce (CONFECAMARAS)
- National Planning Department, Ministry of Finance (DANE)

**Components Currently Used**

All modules, with regular updates

**Geographic Extent of Deployment**

- In all regions/offices (32 geographic departments and 4 special labor offices)
- The Ministry of Labor also has (municipal) labor inspectorates and, according to recent reports, approximately 100 have included cases in SISINFO

**Number of Enterprises Registered**

Approximately 52,400

**Sector Focus**

SISINFO includes over 400 templates to record inspection/labor violation information. Some templates are adapted for specific sectors/industries

**Description of Main Components/Modules**

- Labor Inspection Module
- Planning and Reporting
- Complaints Management
- Establishment Licensing
- Reports
- Inspection Follow-up and Tracking

## COLOMBIA: ECMS Fact Sheet II

### - Key Software Features and Gaps -

Functionality	Colombia	Comments
1. Stores data in centralized database accessible in real-time to all authorized users	✓	
2. Includes online/offline data collection capability	✗	The system is not designed for offline data collection.
3. Aggregates labor law violation data by geographic area or type of violation	✓	These types of reports can be produced by exporting and filtering data.
4. Tracks key performance indicators such as number of inspections carried out	✓	The team and supervisor can generate dashboard which tracks several KPI.
5. Integrates data visualization tools such as dashboards	✓	The dashboard included data visualization tools.
6. Forms and workflow reflect current labor administration procedural requirement	✓	SISINFO contains a comprehensive and robust workflow based on labor laws and regulations. It has more than 140 variables and 400 formats.
7. Registers worker complaints, industrial accidents	✓	Included in a labor inspection checklist.
8. Tracks the status labor violation cases through hearings and sanctioning stages	✓	SISINFO has a process to track labor cases. It is tracking more than 80,000 cases.
9. Sends alerts to inspectors when follow-up actions are required	✓	SISINFO has system alerts for each follow-up action.
10. Generates the inspection report as well as letters and notices used at different stages of the inspection process	✓	
11. Assigns inspection duties to individual and/or groups of inspectors	✓	
12. Role-based security features that restrict access to some kinds of data/ECMS module	✓	
13. Data modifications controlled or traced to users	✓	
14. Data sharing with other information systems	✓	SISINFO made interoperations with other systems as a service (SOAP / REST).
15. Advanced data analytics for predicting labor violations	✗	

# COLOMBIA: ECMS Fact Sheet III

## - Technical Characteristics and Overall Assessment -

### Software Type

Proprietary: Oracle DB 12. (Licensed)  
Opensource: PrimeFaces, Subversion, Tomcat, Sprint Roo, Java JEE, HTML5, CSS3

### User Categories

- Labor Inspectors, Assistants and Technicians, and Coordinators
- Directors and Vice Ministry of Labor Relations
- Approximately 1,000 registered users

### System Maintenance

Ministry of Labor has a support contract with the IT service provider to maintain the system

### System Hosting

Hosted on Ministry infrastructure and network

### ECMS Costs (Grantee Expenditures, self-reported)

All expenditures are for the period 2013-2017:

- Consultant contracts for software development: US\$577,300
- Scanning and uploading cases that predated ECMS development: US\$ 477,200
- Training, consultation meetings and communication activities: US\$ 424,300
- TOTAL: US\$ 1,479,400

### Evaluation Team Assessment of ECMS (based on February 2021 status)

Framework Area	Evaluation Criteria	Rating
Technology	Extent software is fully developed, the number of types of features, level of adaption to ICT enabling environment	★★★★★
People	Extent the labor administration is effectively addressing the constraints affecting user ECMS adoption through training, support, other capacity building activities	★★★★ <sup>1</sup>
Processes	Extent software has been adapted to the labor administration's legal framework and procedures and facilitates inspection systems workflow	★★★★★

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<sup>1</sup> Inspectors in Bogotá were reported not to have fully adopted the system.