



SISSEI

Sistema de Información Salud y Seguridad Integral





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SISSEI Web

Software tool that supports the control of occupational risks safety, hygiene and health, optimizing human talent. Automatically generates statistics and indicators for decision making with access via web registration and query from a computer or mobile device.





Objective

To meet risk control goals based on the classification of Hygiene, Safety and Occupational Health.

Situación Actual	Solución
<input type="checkbox"/> The information is multidisciplinary and dispersed on computers that are in remote locations. 1/6	✓ Organize and structure information to create catalogs and rank the company in a centralized database.
<input type="checkbox"/> Each report has features in content and structure to the personality of each staff. 2/6	✓ Standardize criteria ("Best Practices").
<input type="checkbox"/> Physical dispersion and formats make it difficult to consolidate information. 3/6	✓ Create solid bases to operate the information.
<input type="checkbox"/> Meetings after completion of safety evaluations are generated by multiple commitments that are easy to forget or postpone daily activities. 4/6	✓ Systematized follow-up corrective and preventive actions.
<input type="checkbox"/> It is difficult to access certain data pertaining to other areas such as HR, safety, health, supervisor, etc. 5/6	✓ It is essential to optimize the accessibility and confidentiality relationship.
<input type="checkbox"/> Slow and complicated generating statistics and indicators, reporting and decision making. 6/6	✓ Generate instantaneously from a PC or mobile equipment cases, reports, indicators, statistics, and status of actions and commitments .



Human resources

- Active Personal List
- Company (Managers, Departments Areas)
- Stalls, Schooling, Crew, State Civil Disabilities Act.

Systems (IT)

- Software installation
- Data Base (Oracle, SQL) accesses
- configuration
- support

HIGIENE

- Risk Factors
- Environmental Monitoring (job evaluation)
- MSDS

- Health and Safety Conditions
- prevention plans.

Impact on Health by Risk Factors

Events that cause Occupational Diseases

SAFETY

- Preventive Actions
- Registration Events/Accidents
- Identification and Classification
- Documentary Images
- Accident investigation
- Corrective actions
- Regulatory Compliance

OCCUPATIONAL HEALTH

- Injuries
- First Aid
- Medical Treatment
- Restrictive Work
- Lost Time Injury
- Fatalities
- Medical Service
- Medical Records
- Preventive medicine
- Medical Evaluations

ENVIRONMENTAL QUALITY

Statistical Analysis

- Cause Effect
- Listings
- Selecting special cases
- Control Preventive Actions
- Sending automatic email
- EPP control

Social Security

- Annual Report Register of Employers
- Disabilities control
- STPS** (CM2a y CM2b)
- OSHA** Log 300

Statistical Analysis

- Epidemiology
- GMP
- Diagnostics
- Action Plans



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Internet technology can be used to access any module from a PC, tablet or cell phone with the required permissions to information according to user profiles

sistemasheuristicos.com



Benefits

- Facilitates the management and control of information to carry out the best security practices, occupational health and safety, giving us a significant competitive advantage.
- Facilitates ISO and OHSAS certifications in EHS
- It shares information and registration between areas and distributed the workload of the documentation of EHS event log.
- Decreases time for collecting and processing information.
- Instantly information is available for any area of EHS.
- Gets indicators, statistics and reports automatically.
- Improved and faster decision making.
- Compliance with Company Policies and official regulations.
- Remote access to information.



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Benefits

By tracking corrective actions resulting from preventive health activities and research

Accident you reduce:

- Absenteeism
- Accidentability
- Medical consultations
- Bonus payments of Social Security and insurance
- Increased quality time for EHS staff for Audits
- Continuous Improvement
- Satisfaction results of management staff
- Sense of better protection for employees
- Preserves the history of actions performed in safety and health
- Comparative and trends are obtained



Intranet Operation



Data Base

SERVER



Access from a PC to any plant with predefined profiles for each user to control CORPORATE information, Divisions and Plants.



Plant 1



Plant 2



Plant 3



Plant 4

Each user has control over their information and can generate statistics by area, department and PLANTmanagement



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Features

HR data

Employees personal data is encrypted
Company structure

Export information

to other systems in excel or views in SQL



Administrator

User control
Profile and access to site
Password settings
Size photo and video
User audit
Statistics by module or user

Safety, Health and Hygiene Information input/output

Notifications
e-mails
Statistics
Indicators

Management Staff

Official reports
Custom reports
in word, excel or pdf



Acciones Correctivas Definitivas

Acción

Evidencias

Cierre

Título:

Actividad:

Donde:

Cómo:

Prioridad Alta Media Baja

Fecha Alta: Fecha Compromiso: Fecha Cumplida:

Requiere cambio de algún documento: Sí No

Tipo Documento Modificado

Acción

Evidencias

Cierre



Editar
Curso
Capacitación en el procedimiento

Eliminar



Editar
Entrenamiento
Ejercicios del procedimiento

Eliminar

Evidencias

Cierre

Estatus: Abierto Cerrado Fecha de Cierre:

Se resolvió el problema (riesgo): Sí No

Se eliminaron las causas del evento: Sí No

Se requiere seguimiento: Sí No

Verificador del Cierre:

Comentario:



Selection of information (employee or group)

Empleado Grupo

Selección por Empleado

Expediente

Empleado

Seleccionar periodo desde 29/06/2008 Hasta 29/06/2009

The advantages of this style of information selection is that the levels of user access is made easy, information is processed in the current year from January 1 to date, the server's response is faster as it only processes selected data. If necessary, extends the range of selection.

Format for searches per employee, once selected, only consult individual information forms.

Format for searching by employee group, once selected, will be consulted only information that complies with this selection of all capture formats

Empleado Grupo

Selección por Empleados

Activos Inactivos Todos

División

Planta

Gerencia

Departamento

Área

Puesto

Seleccionar periodo desde 29/06/2008 Hasta 29/06/2009



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SYSTEM IMPLEMENTATION

Installing the Application and Database

Loading process company structure (Analysis and Design "Data Base").

We analyze the company to sectioned in Slices, Plant Management, Department, Area and Job, so that statistics can be generated according to this structure.

Loading process of employee data.

Initial mass-loading (Catalog of employees with HR data)

Load automatic periodic update (Catalog of employees)

periodically, every time you want to update the data of employees, monthly, weekly, daily, etc.

Manual load-medical service (entrance examination) are enlisted aspiring being employees of the company.

Upload photos, staff

PPE-load



TECHNICAL FEATURES SISSEI

It is developed in a web environment .NET

Requires a single installation and can be accessed from the intranet.

REQUIREMENTS

Description

Data Base License

Server Disk Space

Operating System

Oracle or SQL

10 Giga Bytes

Windows Server 2003, 2008, etc.

Internet Information Services IIS

Remote Access

VPN (mstsc), TeamViewer, others

Users Recommendation

Main memory

Processor

Operating System

Web browser

1 Giga Bytes or more

Pentium

Windows 2x, XP, Vista

Internet Explorer 6 or higher



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Currently our system is managing more than 150,000 workers in the following sectors

automotive

 12,500 Employees	 12,500 Employees	 20,000 Employees
 700 Employees	 1,700 Employees	 300 Employees
 1200 Employees		

communications and transport

 23,000 Employees	 100 Employees	 10,000 Employees
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foods and beverages

 Inqa 450 Employees	 5,000 Employees	 5,000 Employees
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pharmaceutical and medical

 500 Employees	 900 Employees	 650 Employees
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telecommunications

 38,000 Employees

occupational health

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construction

 220 Employees	 400 Employees	 1,000 Employees
 400 Employees		

electric and electronics

 Ideas for life 3000 Employees	 230 Employees	 1000 Employees
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education

 500 Employees	 300 Employees
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chemistry

 300 Employees	 500 Employees	 500 Employees
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hygiene and beauty

 The company for women 3,000 Employees	 2,500 Employees
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metal-mechanics

 400 Employees

mining

 4,000 Employees
