



Integrated Information Systems

**INTEGRATED INFORMATION SYSTEMS S.A.**

**iMaint**

**BRIEF PRESENTATION**

**(BENEFITS - FUNCTIONALITY)**

<http://www.i2s.gr> - e-mail: [i2s@i2s.gr](mailto:i2s@i2s.gr)



**iMaint**



## Table of Contents

---

### iMaint Brief Presentation

1. iMaint in a nutshell .....	1
2. Who benefits from the use of iMaint? .....	3
3. Benefits .....	5
3.1. Effective asset management .....	5
3.2. Easier planning, efficient follow up of the maintenance activities.....	6
3.3. Identification of problem areas and root causes .....	7
3.4. Reduced maintenance and operating costs .....	8
3.5. Effective management of spare parts, optimization of purchasing activities and stocking policies ..	10
3.6. Improved productivity for the maintenance department .....	10
3.7. Reduced management cost, empowerment of maintenance staff .....	11
3.8. Increased equipment uptime, improved productivity and quality.....	11
3.9. Better information to the management, better decisions .....	12
4. Functionality.....	13
4.1. Asset management.....	13
4.2. Preventive maintenance management .....	14
4.3. Corrective maintenance, faults .....	15
4.4. Work Order Management .....	16
4.5. Analysis and reporting .....	17
4.6. Inventory Management .....	18
5. Technical info.....	19

## 1. iMaint in a nutshell

iMaint is a powerful and practical maintenance management software. It helps you to **effectively manage** your physical assets, **improve maintenance operations**, **reduce costs** and use maintenance as a tool for **quality improvement**.

It is **powerful**, **practical**, **flexible** and **cost-effective**.

### Powerful

- Integrates **preventive maintenance**, **work orders**, **fault management**, **inventory control**, and **purchasing management**
- **Unlimited levels** of **equipment hierarchy** (components, sub-components, etc.)
- Complex rules in **preventive maintenance scheduling**
- **Space management** (spaces, sub-spaces, etc.)
- **Bar codes** in equipment and parts
- Multi-dimensional analysis tools
- **Web** and **PDA** extensions

### Practical

- **Process-oriented**, **simple to operate**
- **Visual editor** that you can use to define your equipment/installations using drag & drop and graphic data-entry.
- **Equipment can be registered on the fly**, when e.g. entering a new fault.
- Work orders can be viewed in calendars, tables and trees.
- User-friendly, **attractive**, **user interface**
- Incorporates many **time saving features**
- Only few fields are mandatory in each screen

### Flexible

- **Works the way you work**. For example, you may define only one storeroom or multiple storerooms for your parts. Or, you may completely disable the inventory management functionality and allocate parts and costs directly to work orders.
- Define your own features for each type of equipment or parts. Use them as retrieval criteria.
- Batch closing of workorders, using data from template workorders.

### Cost-effective

- **Very competitive price**, compared with similar products.

iMaint is a unique tool to **improve productivity**, **reduce equipment failures** and **downtime** and make **best use of your labor and materials**.

It has been used by a great number of companies and organizations in many sectors: industry, hospitals, education facilities, organizations in the public sector, hotels and many others.

**iMaint** can be perfectly adapted to the needs and processes of your company. It can work for you the next day **and have immediate ROI.**

---

## 2. Who benefits from the use of iMaint?

**iMaint** offers important benefits to **enterprises** and **organizations** that maintain equipment, assets and facilities.

It helps the **Maintenance Manager** to:

- effectively **plan and monitor** all the **maintenance operations**. Never a critical work order is forgotten or misplaced.
- **make best use of the labor resources**, knowing where the maintenance workers spend their time
- **identify potential problems** before they run into faults and equipment downtime
- **make better decisions** in terms of equipment that needs to be replaced or changes in maintenance processes
- **proactively plan the maintenance work** in order to ensure that every equipment or facility keeps running smoothly
- **reduce** the **administrative workload**

It provides to the **Management** of the company all the necessary information in order to:

- **optimize purchasing policies** and **reduce procurement costs**
- **make strategic decisions** in order to reduce equipment failures and costs and increase productivity.
- **improve financial performance** by running facilities more effectively and efficiently

**iMaint** has been installed and operates successfully in:

- **Industrial companies** that need to effectively manage production lines and equipment and reduce failures and downtime costs
- **Hospitals and health care facilities** that need to accurately maintain their medical and electromechanical equipment.
- **Hotels and Resorts** that need to maintain high standards of appearance, comfort, and safety and provide better services to their customers.
- **Colleges and Universities** that want to optimize maintenance processes for their spaces and facilities and control the costs.
- **Public sector organizations** (e.g. water supply of PTT companies) having significant, high-value equipment that has to be properly maintained.

It fulfils the following requirements in an integrated and effective way:

- **Successful** and efficient **management of equipment and installations**
- **Planning and follow up of all the maintenance activities** assuring timely completion of all jobs

- **Monitoring** and **reduction** of the **maintenance costs** and the hidden costs created by malfunctioning equipment
- **Reduction of break-downs**, improved performance of production equipment, reduced energy consumption
- **Management of spares and materials** used in maintenance, improved planning and control of procurements
- **Immediate** and **easy access** to the history of each piece of equipment or facility
- Improved organization of the maintenance department that results in better use of human resources

Because it is designed using an open, modular architecture, **iMaint** can be used successfully **both by a small company**, where it will function as a stand-alone application **or a large corporation** where it will operate in a network environment with numerous workstations, connected to bar-code readers, data acquisition systems or ERPs.

### 3. Benefits

The main benefits from the application of **iMaint** in a company / organization are:

- **Effective asset management**
- **Easier planning, efficient follow up of the maintenance activities**
- **Identification of equipment with high faults rates or excessive maintenance costs**
- **Reduced maintenance and operating costs**
- **Effective management of spare parts, optimization of purchasing activities and stocking policies**
- **Improved productivity for the maintenance department, best use of human resources**
- **Reduced effort and management cost for the planning and follow up of maintenance activities**
- **Empowerment of maintenance staff**
- **Increased equipment uptime, improved productivity and quality**
- **Reduced energy consumption, extension of equipment life**
- **Better information to the management, better decisions**

In more detail these benefits are:

#### 3.1. Effective asset management

**iMaint** provides you with all of the necessary tools and functions to **effectively manage your equipment and facilities**. With **iMaint**, you may

- Have **immediate access to extensive asset information** (present and past locations, maintenance history, date of purchase, supplier, manufacturer, warranty expiration etc.) and also to **reference materials** like manuals, diagrams, pictures, equipment specifications, etc.
- **Track**, in an easy way, all **changes in the location or the status of the equipment** (when a machine went into productive operation, when it was sent for maintenance, when was the last time it broke down, etc.)
- Easily find equipment with any combination of criteria (type, position, date of purchase, etc - for example all the circulators that have been installed at the Building A and have been purchased prior to Jan 1st, 2004)
- **Classify your equipment** in types, categories, groups and cost centers and perform analyses at each class. Thus you can see, for example, what was the maintenance cost for all the machinery that belong to the cost center "Engine room" from Jan. 1st 2004 to Dec 31st, 2004.

### 3.2. Easier planning, efficient follow up of the maintenance activities

**iMaint** lets you **take control** of maintenance activities in your organization, giving you the ability to schedule your preventive maintenance tasks in the most easy and effective way. With **iMaint** you can feel confident that your operations will be organized as well as completed. **A job or task is never lost or forgotten** since you will be flagged every time there is a task that is not completed on time.

**iMaint** supports you:

- To **define preventive maintenance tasks** for all your equipment or facilities All possible ways of scheduling are supported: time based or usage based, floating or non-floating, seasonal scheduling, etc.
- To **easily and quickly create the preventive maintenance plan** for a selected period or time.
- To **assign work orders to technicians**. Each work order is either printed individually and may contain attachments like photos, plans, technical drawing and manuals or many work orders may be printed on one sheet.
- To **easily and quickly close the workorders** when maintenance tasks are finished and **record labor costs, materials usage, meter readings, suppliers and other details** associated with the job.
- To do the same for non-planned tasks (corrective maintenance and repairs) i.e. to update the database on these tasks after they are finished, in the least time possible.

So, at any time you may have a clear picture of:

- Works that have to be performed during the next time period (week, month, year or any other period you specify)
- What tasks are behind schedule (**overdue**)
- The actual work done on each piece of machinery, on which dates and with what results.



### 3.3. Identification of problem areas and root causes

**iMaint** helps you to **detect repetitive equipment failures** and also to **keep track of the causes of these problems**. Based on this information, you may then decide whether you have to re-design your maintenance procedures to prevent these failures or to replace the equipment.

**iMaint** makes it easier to maintain equipment **proactively**, finding potential problems before they turn into real trouble. Using the analysis tools it provides, you may easily identify:

- The equipment **fault rate** and their **causes**
- The **cost, manpower** and **spares** used in rectifying equipment failures

These tools can be used to examine a specific piece of equipment, an equipment type, a category or a group of equipment. For example, you may analyze:

- The **total repair cost** of all the machines that populate a specific production line or some other specific position.
- The **number of failures per month** of a specific piece of equipment and the cost of repairing these failures (manpower cost, spares, contractors etc.)
- The **equipment failure rate per failure type and per month**, for all the equipment of the enterprise.

This way you can **identify the equipment that suffers the most failures** or the failures that produce the largest repair cost for your enterprise.

### 3.4. Reduced maintenance and operating costs

The **reduction of the maintenance and operational costs** is one of the most important benefits of the application of iMaint in a company. In most cases it reaches an order of **at least 15-20%** and is achieved by:

- the **effective, continuous monitoring** of the maintenance **cost** and the **identification of problems** that increase this cost
- the **reduction** of the **administrative cost** for planning and monitoring of the maintenance activities.
- the **improvement** of the **equipment efficiency**
- the **optimization** of **purchasing activities** and **stocking policies** for the parts / materials used in maintenance
- the best use of human resources of the maintenance department

In more detail,

#### 1. Cost monitoring

**iMaint** allows you to closely monitor maintenance costs (labor, spare parts, third party suppliers)

- on a **budgetary basis** as well as based on **actual figures**
- **per month** or per any given time period
- **per type, category, group, cost center** or **equipment**
- **per work type** (e.g. to repair a specific type of faults)

This way you can easily identify

- the **equipment** or **works** that create **excessive cost**
- the **faults** and **breakdowns** that **occur often** and whose repair burdens the enterprise with an excessive cost

Based on this information, management can take decisions about **replacement of equipment or changes in the maintenance processes**.

#### 2. Administrative cost

**iMaint** fully **automates scheduling** and **monitoring** of all the maintenance activities. Tasks like the creation of the preventive maintenance plan, work orders tracking or analysis of maintenance-related data become easier and quicker.

The end result is that the maintenance administration cost is reduced by 25%, at least.

### 3. Improved equipment efficiency = reduced cost

**iMaint** helps you to **prevent expensive repairs before they occur** and to **minimize equipment breakdowns and emergency repairs**. It also helps you to **improve the efficiency** of routine maintenance tasks. Your equipment is now **better maintained** and has **less downtime**. The result is the **longer life** of the equipment and lower manufacturing or, in general, operational costs.

### 4. Spare parts cost

Using **iMaint** you can easily forecast the spare parts that will be required for the preventive maintenance tasks, as a total or per month, work, type of equipment, etc. Knowing your **real needs**, you can select the **optimum stock policy** and reduce purchasing costs.

Besides, being always informed about the actual spare parts stock and your future requirements you would be able to **plan your purchases** in time and avoid to place urgent orders which always increases the cost.

### 5. Human resources

**iMaint** allows you to know in detail the required man hours for maintenance works, as a total or per task, type of equipment involved, individual equipment, time period and technical staff who performs the maintenance. Using this information, the Technical Manager can **assign works to the technical staff in the best way**. In this manner the utilization of the maintenance staff is optimized and a **sum of man hours saved**, which can be used for further preventive maintenance, or the improvement of the equipment performance, or even the reduction of possible overtime.

### 3.5. **Effective management of spare parts, optimization of purchasing activities and stocking policies**

**iMaint** lets you manage parts and materials more effectively. It helps you to **have the right spare parts on hand** so that you can make repairs quickly. The parts are ordered on time so stock is always available and **your inventory always contains the needed parts**.

Also when you need a spare part, **iMaint** can tell you **where the part is stored** in inventory so you don't waste time searching through your storerooms.

With **iMaint** you can have instantly the true picture of the parts and materials movements as well as the remaining stock and the quantities that will be required for the open maintenance tasks. The required parts can be calculated:

- per equipment or type of equipment, maintenance work order and date.
- for all your equipment, in total, for any period of time.

Based on this information you may optimize purchasing policies and stocks according to the real needs of the enterprise. And, you are able to **plan your purchases** in time and avoid to place urgent orders which always increases the cost.

### 3.6. **Improved productivity for the maintenance department**

**iMaint** helps you to have **full and direct control** of all maintenance activities, preventive or corrective. The maintenance manager can know at all times:

- what tasks will be carried out during any period of time, for example next week or during the month to come
- jobs that are overdue
- what spare parts and materials will be required
- who should carry out these tasks, what are the required man-hours, if outside contractors will be needed, and many other valuable information.

**iMaint** can analyse the required labor (man-hours) per technician, per month, per maintenance task or per work type. Using this information, the maintenance manager can take the correct decisions on priorities and **make the best use of the available labor**.

For each job, the maintenance workers are informed about the spare parts that will be needed, where these parts are stored, the inspections that have to be made as well as on the safety precautions they have to take. This enables them to be more productive and do their job in a safe way.

### 3.7. Reduced management cost, empowerment of maintenance staff

Based on the experience from the installed base of **iMaint**, the reduction of the administrative costs related to planning and monitoring of the maintenance activities is at least 25%.

The main reasons are:

- Procedures like the **creation of the preventive maintenance plan, the allocation of tasks to the staff and the tracking of the work orders** can be performed with great ease at minimal time
- Budgetary and actual analysis related to the maintenance cost, the man hours used, the failure rate etc which otherwise would be difficult to be estimated, can be done easily and immediately with the assistance of **iMaint**

This way, not only the administrative cost is reduced but also the managers that are involved with maintenance have **more time to allocate to important tasks** such as **the improvement of the equipment efficiency and the reduction of the maintenance costs** (instead of being busy with the preparation of reports and handling of forms).

Also, **the maintenance staff are empowered to do their job in a better way**. Not only they are well - informed on the parts, tools, instructions, etc for each task they have to carry out but they can also have access to information like the equipment history (e.g. what was wrong before, what other workers did, etc), drawings, etc.

### 3.8. Increased equipment uptime, improved productivity and quality

When you maintain your equipment in a proper way, it doesn't have to be replaced as often. **Extending the life** of expensive equipment **saves your organization money**.

**Your facilities are safer** because maintenance work gets done promptly and reliably. **Your equipment suffers fewer malfunctions**; preventive maintenance inspections can spot potential dangers before they actually cause trouble.

Improved equipment operation means **higher productivity** and **better quality** for products and services. For example, the efficient and without problems operation of air-conditioning in a hotel is significant for the quality of the services it provides to its customers.

Using **iMaint** the enterprise can assure that the maintenance tasks are being carried out in time, can identify the main problems of the equipment that might lead to break-downs or malfunction and evaluate these problems according the cost and the possible results as well.

Thus, the enterprise is able to plan the maintenance tasks in a way that would ensure the excellent quality of the rendered services (for example to increase the control or the maintenance of a specific installation or machine that prove to have frequent failure rate).

---

### 3.9. Better information to the management, better decisions

**iMaint** provides management with important information and knowledge to make **better, strategic decisions**.

Some examples are:

- **Forecasted maintenance costs** (labor, spare parts, suppliers) per type of equipment, piece of equipment, type of activity, cost center etc.
- The **labor** required to carry out the planned tasks. Is there is enough man-power to properly maintain you equipment or not?
- Actual and accurate **cost figures** per type of equipment, equipment or activity.
- **Spare parts** planned and actually used.

Thus, **iMaint** is a unique tool for maintenance managers but also for top management, as a decision tool for matters related to:

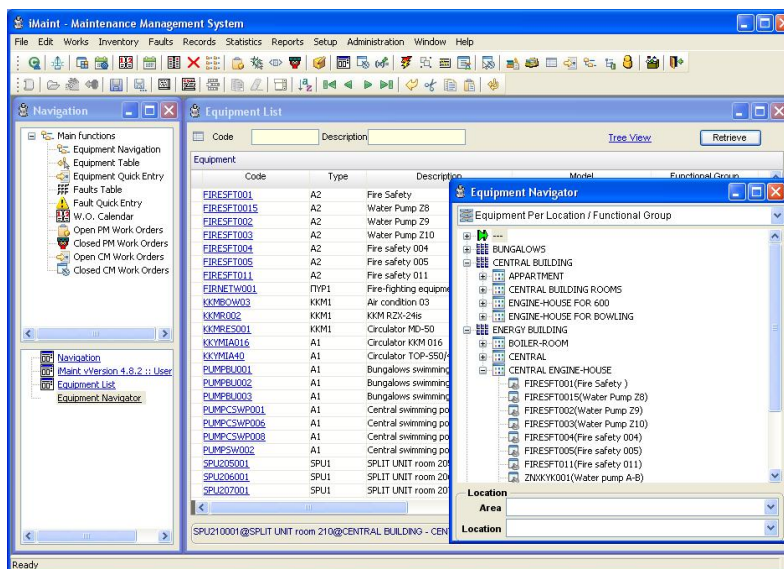
- The optimal use of human resources (better scheduling of maintenance staff).
- The procurement and stock policies of spare parts and materials.
- The design of maintenance tasks
- The replacement of the equipment with excessive costs
- Improvements in the facility that will lower the maintenance and operational cost

## 4. Functionality

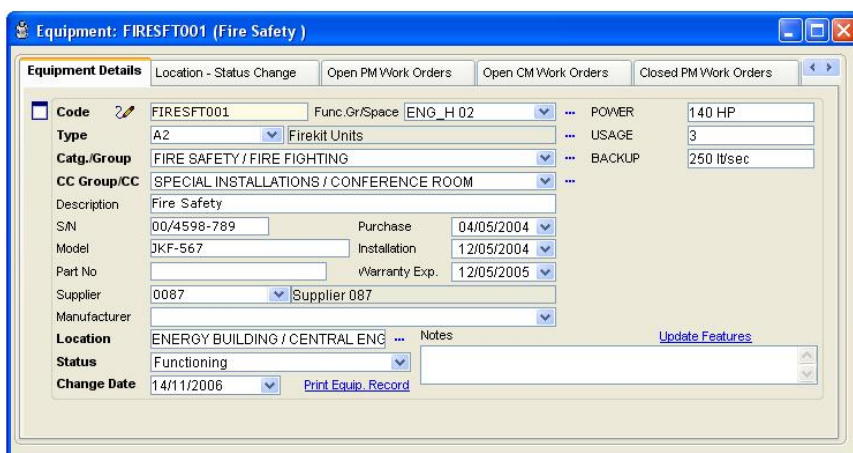
iMaint provides, through its intuitive, user-friendly interface the following main functionalities:

### 4.1. Asset management

- **Effective** management of equipment and facilities
- **Classification of equipment** per type, categories, group and cost center. Reports and information on each of these classifications (i.e. what was the total maintenance cost for the machinery of the cost center "Production Line 1" in 2002)



- **Detailed information about every equipment or facility** (code, description, model, date of purchase and installation, expiration of guarantee, works done, faults, spare parts, drawings, etc.)
- Monitoring of all the **changes** of the **location** or the **status** of the equipment (i.e. installation, removal to the warehouse etc)



- **Unlimited levels of equipment hierarchy** (systems, components, sub-components, etc.). Management of spaces (rooms, areas,...)
- **Easy and immediate access to the history** of

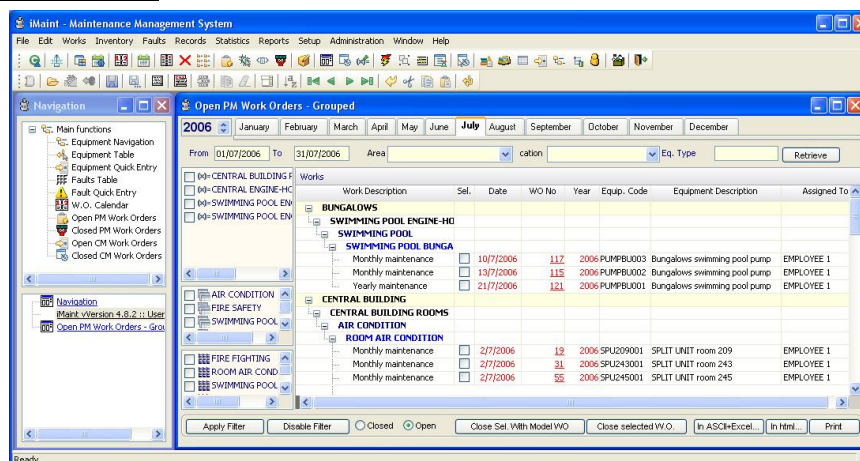
each equipment. This way you can easily see the activities that were performed in the past, what were their result and all the changes of the location or the operational status of the equipment

- Ability to search for equipment with any combination of criteria related to its characteristics, its location or operational status (i.e. search for all circulators in building A and have been installed after 1/1/2002)

- Management of equipment suppliers, spare parts and materials
- Management of maintenance contracts

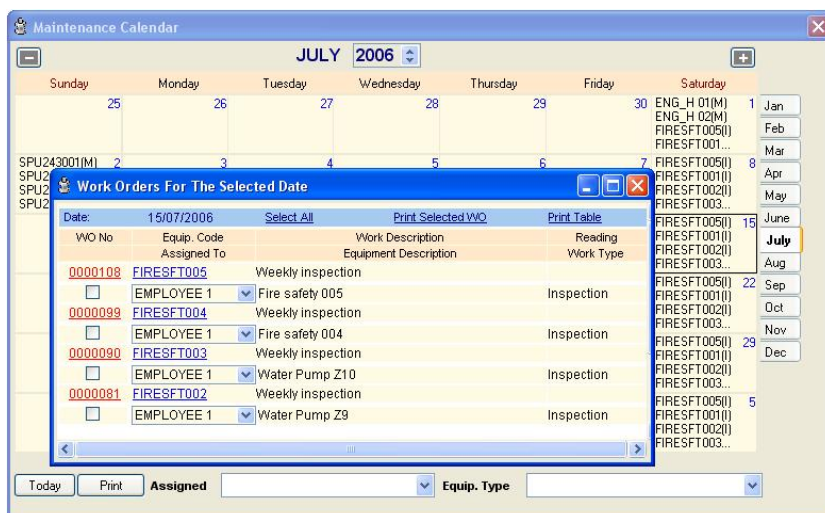
#### 4.2. Preventive maintenance management

- iMaint supports defining **maintenance tasks** for each type of equipment or individual equipment. Every task corresponds to a specific work involving **materials, labor, inspections and measurements**. Tasks can be **calendar-based**



(i.e. every 3 months) or **meter-based** (e.g. every 3000 kms). Tasks may have sub-tasks that depend on them. Complex scheduling rules are also supported.

- Based on the PM Tasks, iMaint quickly and easily produces the **preventive maintenance plan** (i.e. the actual work orders) for the selected time period. Work orders can be displayed in calendars, functional group trees, per location, per equipment type, technician, etc.
- Detailed and justified forecasting of the cost, labor and parts required for preventive maintenance per piece of equipment, per facility or for all the equipment / facilities, type, time period.



- Monitoring of the open work orders per equipment, technician, time period, delayed status, etc. Easy identification of the delayed work orders.
- Maintenance tasks may have connected sub-tasks.
- **Complex scheduling rules**

**are supported**. For example, a work is done every two months but is skipped when it coincides with the 6-monthly maintenance.



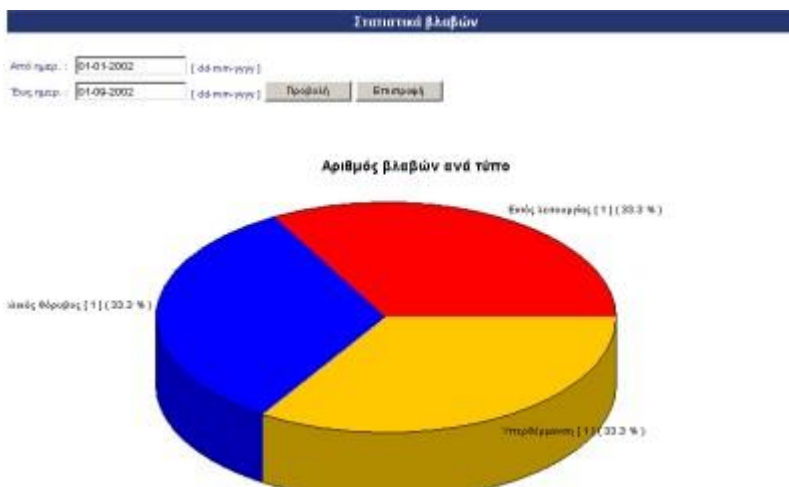
### 4.3. Corrective maintenance, faults

**Management of non-scheduled tasks** such as emergency or corrective maintenance, inspections and repairs.

**Faults reporting / work requests module:** authorised users can use this module to submit faults or work requests in a very simple and fast way. This subsystem has been developed also as a web application. It can be used :



- by everyone in the company (who is authorised to use it) in order to report failures or breakdowns. Since it is 100% web-based it doesn't require for any software to be installed at the users' PC. The fault or work request is placed immediately into the system without any paperwork or phone calls.



- by the users themselves to track the progress of their requests (faults or work requests). In this case the users can search only for information about the faults they have reported (the Maintenance Manager of course has access in all the faults). The searching for a fault can be based on the fault data, the characteristics of the equipment, time criteria...

- by the Maintenance Manager for fault management and analysis (faults per type, per equipment, per submitter, per cause, per time period etc)

#### 4.4. Work Order Management


For each preventive or corrective maintenance, the software automatically creates a **work order**. This includes all the necessary information to carry out the work such as **required spare parts/materials, inspections and safety instructions**.

Work orders can be printed and handed to the staff who will carry out the maintenance. Many formats are supported: detailed (an A4 page per work order), brief (many work orders in one page), per technician, system or functional group.

Each work order is identified by a **unique number and a bar code**. Using a low-cost reader, it is very easy to quickly locate it in the work orders tables.

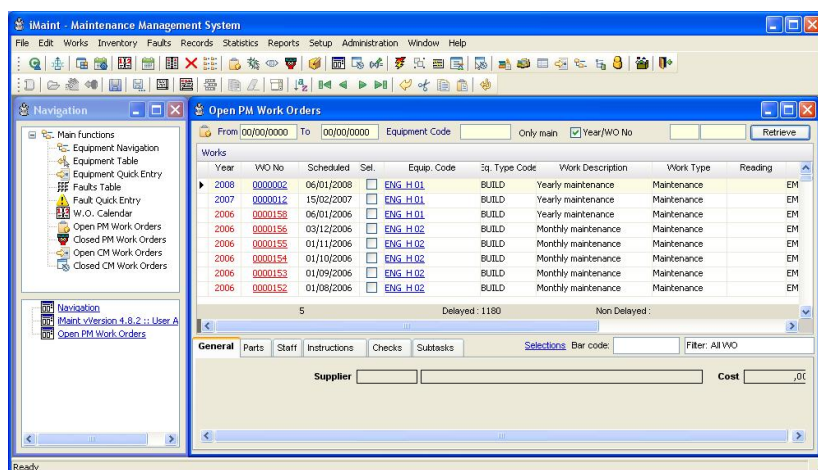
After the work is done, the actual information concerning the duration of the work, the equipment status (before and after), the man hours used, the parts and materials used, etc. is fed into the system. This requires minimal operator input.

To make the day-to-day use of **iMaint** easier, the application includes many **time-saving functions**. For example, it is possible to batch close a number of work orders using data from template or similar work orders

ΕΛΛΗΝΙΚΗ ΤΕΧΝΟΛΟΓΙΚΗ ΑΕ		WO No.189-2005	Report Date: 05/02/2007
Assigned To	EMPLOYEE 1		
Date	01/04/2005		
Reading			
Equipment	FIRE-SFT004 @ Fire safety 004		
Equipment Type	A2 @ Firekit Units		
S/N	Model	Manufacturer	
<b>Work Description</b>	<b>Monthly maintenance</b>	<b>Start WO</b>	
Work Type	Maintenance	<b>WO End Date</b>	
Supplier	0087	Supplier 087	<b>C. Reading</b>
Equipment Area	ENERGY BUILDING	Functional Status Before	
Equipment Location	CENTRAL ENGINE-HOUSE	Functional Status After	
<b>Parts</b>			
<b>Code</b>	<b>Description</b>	<b>MU</b>	<b>Schedule Quantity</b> <b>Actual Quantity</b>
ILEZ006	Oil filter	Units	1,00
CONSLM001	(terminal etc)	Units	4,00
ELECFUSE02	Fuse 16A	Units	2,00
ELECFUSE01	Fuse 10A	Units	5,00
<b>Hours</b>			
<b>Date</b>	<b>Technician</b>	<b>Category</b>	<b>Sch. Man Hrs</b> <b>Actual Work Hrs</b>
01/04/2005	EMPLOYEE 2	TECHNICIAN ASSISTANT	1,0
	EMPLOYEE 3	ELECTRICIAN ASSISTANT	1,0
<b>Meas./Checks</b>			
<b>Description</b>	<b>Type</b>	<b>Low. Limit</b>	<b>Up. Limit</b> <b>asurement</b> <b>Check</b> <b>Notes</b>
Press measurement	1	10,22	20,00
Temperature measurement	1	10,00	
Noise inspection	2		<input type="checkbox"/>
<b>Instructions</b>			
<b>Description</b>	<b>Done</b>	<b>Notes</b>	
(1) Battery inspection	<input type="checkbox"/>		
<b>Signature</b>			

iMaint (c) Integrated Information Systems SA

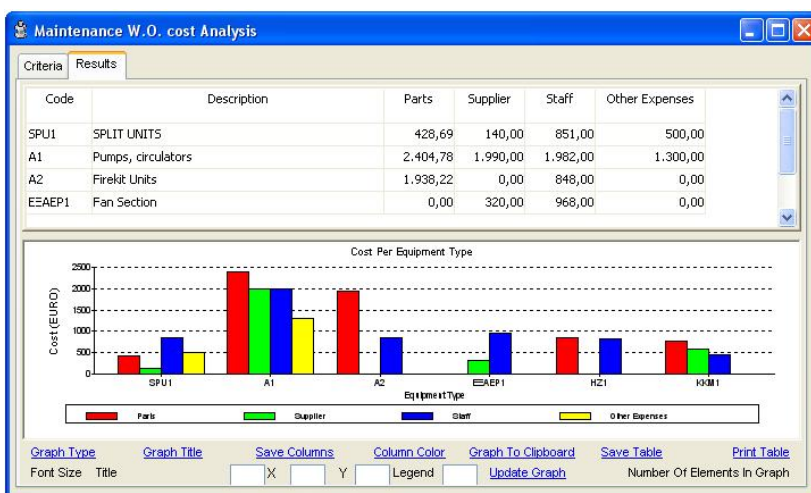
WO2005/189



This way, the company knows at any time **which tasks have to be carried out, the tasks that are delayed**, as well as the tasks actually performed on each piece of equipment and the results. All the delayed activities are marked in red. The result, is the easy and accurate estimation (based on the above data) of the cost, labor, materials, etc for each equipment, cost center or facility.

#### 4.5. Analysis and reporting

- Fault analysis per equipment or facility, equipment category, functional group or fault type. Identification of root causes.
- Analysis of the maintenance costs both on budgetary basis as well as based on the actual figures of works done. The analysis can be for a specific time period, per equipment, per work type, etc
- Analysis of the estimated and the actual man-hours to carry out specific maintenance tasks per type of equipment, type of activity, category or group of equipment, cost center, employee.
- Forecasts for the required spare parts per type of equipment, type of activity etc



All the analysis tools are dynamic and multi-dimensional. For example you may view the maintenance cost

- per month for all your equipment and all the maintenance tasks
- per month and per task for each equipment
- per task for a specific time period
- per month and cost center etc

#### 4.6. Inventory Management

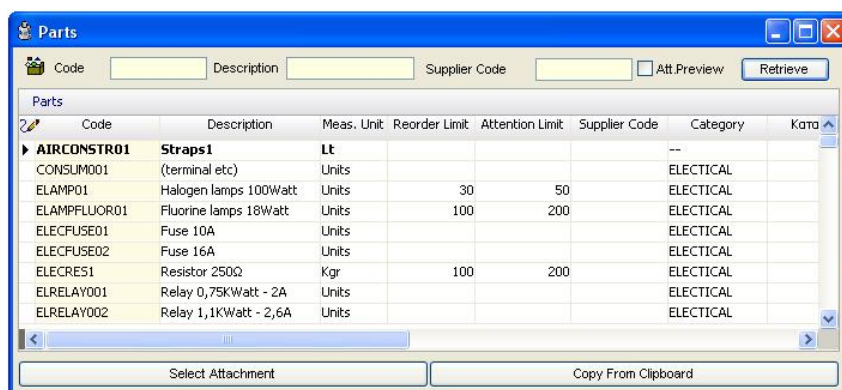
iMaint fully supports inventory management for the spare parts and materials used in maintenance.

The inventory management features include

**management of all inventory transactions**, as well as calculation of average purchase prices (weighted average)



No	Part Code	Description	MU	Quantity	Initial Price	% Disc.	Final Price	Total	Type	APP
1	ELECFUSE02	Fuse 16A	Units	5,00	,00	00,00	6,00	30,00		,48
2	ELECFUSE01	Fuse 10A	Units	5,00	,00	00,00	6,00	30,00		,56
3	ELAMPFLUOR01	Fluorine lamps 18Watt	Units	5,00	,00	00,00	6,00	30,00		1,30
4	ELAMP01	Halogen lamps 100Watt	Units	5,00	,00	00,00	6,00	30,00		1,24
5	CONSUM001	(terminal etc)	Units	5,00	,00	00,00	6,00	30,00		5,44
6	CONSUM001	(terminal etc)	Units	6,00	,00	00,00	5,00	30,00		5,00
Total				25				150,00		



Code	Description	Meas. Unit	Reorder Limit	Attention Limit	Supplier Code	Category	Kata
AIRCONSTR01	Straps1	Lt					
CONSUM001	(terminal etc)	Units				ELECTICAL	
ELAMP01	Halogen lamps 100Watt	Units	30	50		ELECTICAL	
ELAMPFLUOR01	Fluorine lamps 18Watt	Units	100	200		ELECTICAL	
ELECFUSE01	Fuse 10A	Units				ELECTICAL	
ELECFUSE02	Fuse 16A	Units				ELECTICAL	
ELECRES1	Resistor 250Ω	Kgr	100	200		ELECTICAL	
ELRELAY001	Relay 0,75KWatt - 2A	Units				ELECTICAL	
ELRELAY002	Relay 1,1KWatt - 2,6A	Units				ELECTICAL	

Different modes are supported:

**One storeroom, multiple storerooms, no inventory management at all** (part costs are entered directly to the work order screens)

For each item, **re-order** and **attention** points can be defined.

Parts having a quantity less than the re-order or attention points are **automatically identified**.

**Purchasing management:** offers from suppliers as well as ordering parts and materials can be fully automated.

## 5. Technical info

**iMaint** operates as a **client-server** or **web-based** application.

The **client-server** version runs in Windows environment (XP/2000 for the clients and XP/2000/2003 for the server). It can function as a stand-alone or multiuser application .

The **web-based** version requires the **IIS Server** (version 5.1) and **.NET framework v2.0** to be installed at the server side.

Almost all the popular DBMS systems are supported: Oracle, SQL Server, ASA as well as open source ones like **Firebird**.

It is very user friendly and requires only **basic computer skills**. No lengthy and costly user training is needed.

Usually two or three days of training are sufficient.

It can be integrated with **data acquisition or SCADA systems, BMS**, bar code applications and **ERP systems**.

**iMaint** is dynamic and flexible. It does not require the user to adapt to it but adapts itself to the user's real needs and the existing processes in the company.

Using **iMaint@mobile** add - on, the application data can be accessible from mobile devices (PDAs or mobile phones) with Windows Mobile operating system.