

## Simple & Effective Maintenance Management

Today's competitive marketplace sees manufacturing companies trying to drive costs down while driving production up. In asset intensive production environments this means demanding more from plant and equipment while controlling maintenance costs. As a result, effective maintenance of physical assets becomes key to a company's profitability and long-term success.

### Manage maintenance activities

OptiRUN™ helps to improve the efficiency of your maintenance team by managing the progress & priority of day-to-day maintenance tasks.

It ensures that essential maintenance information is captured against items of equipment, allowing you to build a comprehensive history of work done across your plant. Breakdown statistics can then be used to develop preventative maintenance plans.

OptiRUN™ provides simple, easy-to-use interfaces for initiating and signing off tasks, and monitoring outstanding work assigned to individuals or groups. The system provides for escalation of overdue tasks, fault diagnostics, tracking of maintenance costs and advanced scheduling of maintenance tasks.

### Email notifications & escalation

Tight integration with your e-mail systems allows your maintenance team to automatically receive notification when work is assigned to them as well as daily warnings and reminders through e-mail.

Overdue items can be automatically escalated in priority and management notified if necessary.

### Monitor & improve service levels

OptiRUN™ supports a "customer-centric maintenance" approach whereby completed work orders can be routed back to the person who initiated them for final approval.

The initiator can indicate their level of satisfaction with the work that was done and reopen the task if necessary.

### Plan and schedule preventative maintenance

OptiRUN™ provides you with powerful tools for scheduling planned maintenance tasks. Maintenance schedules can be based on fixed time periods, or can be automatically rescheduled based on other parameters such as meter readings or signals from process control systems...etc.

### Shutdown planning and execution

When planning a shutdown, work orders can be prepared in advance and put on hold for the shutdown.

Reports detailing planned activities can be circulated to the relevant departments or responsible people and lists of required spares can be generated to ensure sufficient materials are on hand.

Integration with ApplyIT's IntelliPERMIT™ system allows operations personnel to prepared permits to work in advance to avoid lengthy delays at the start of the shutdown

### Manage plant & equipment

The equipment database in OptiRUN™ serves as a central repository for maintenance information. Work Orders are associated with items of equipment, details of completed tasks are logged as history against the equipment, breakdown analyses are recorded together with the costs involved.

Thus OptiRUN™ allows you to examine each item of equipment in your database together with a full maintenance history and a breakdown of the material and labour costs incurred.



**OptiRUN™ is a full-featured maintenance management system supporting both proactive and reactive maintenance strategies**





**Integrated management of  
maintenance, engineering,  
plant operations and  
environmental health & safety  
with ApplyIT Operations Suite**

**For more information contact ApplyIT:**

P O Box 2717, Westway, 3635  
Tel: +27 31 275 8080  
Fax: +27 31 265 9855

e-mail: [enquiries@applyit.com](mailto:enquiries@applyit.com)  
website: [www.applyit.com](http://www.applyit.com)



## **Set up a flexibility plant hierarchy**

The equipment database that you set up in OptiRUN™ is highly flexible. Your entire business can be represented in a plant breakdown structure which allows you to define hierarchical relationships between plant areas and different items of equipment.

Unlimited levels of equipment hierarchy are supported. Once the structure has been defined you can consolidate information up the hierarchy. For example you can view labor costs across a complete plant area, which itself is made up of any number of layers of equipment on which maintenance work orders are being executed.

Powerful database searches allow you to locate equipment quickly. Equipment numbering conventions can be enforced preventing duplication of records.

## **Manage spares**

OptiRUN™ provides an optional module for managing engineering spares. This module, addresses a number of requirements:

- Maintenance technicians can review current stock levels to ensure the availability of spares required for a particular job
- Stores requisitions can be raised to draw spares out of stores
- Plant Engineers and maintenance technicians can access information about the spares required for a particular item of equipment
- Maintenance managers are able to track the costs of spares used in carrying out maintenance tasks
- The buying department can be automatically notified of spares that require re-ordering
- Planners can view past stores transactions as well as planned maintenance schedules, to forecast future demand for spares

## **Print management reports**

OptiRUN™ provides management with a comprehensive set of reports for managing outstanding work items, monitoring the performance and service levels of individuals and work teams, managing costs, reporting spares usage, analysing the occurrence of breakdowns ...etc.

## **Integration to plant control equipment**

OptiRUN™ allows for integration with SCADA/PLC systems whereby real-time data from these systems can automatically trigger work orders based on a set of predefined conditions.

This may be preventative in nature, for example replacing a critical valve part after a certain predefined number of open/close cycles to prevent failure and contamination of the process.

Alternatively, you may have an ad-hoc work order being generated in response to a particular condition that arises on the plant, for example the monitored vibration on a compressor rising persistently above a certain level.

## **Integration to ApplyIT Operations Suite**

Managing the physical assets on a plant, means managing all the factors affecting plant and equipment including daily plant operations, engineering activities, safety regulations, hazard analysis and so on.

To be truly effective, maintenance activities should not be viewed in isolation, but rather as an integral part of managing operations.

OptiRUN™ forms part of ApplyIT's integrated suite of operations management solutions that address these requirements in a comprehensive set of solutions.

### **ApplyIT Operations Suite:**

