

SIMPLE AND EFFECTIVE MAINTENANCE MANAGEMENT

WHAT IS OptiRUN™?

OptiRUN™ is a feature rich maintenance management system supporting proactive and reactive maintenance strategies

USER FRIENDLY

OptiRUN™ was designed with simplicity in mind – the system is widely recognised for its user friendliness, an essential element for system adoption

MANAGEMENT

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

INTEGRATED

OptiRUN™ works together with plant safety systems integrating process safety with maintenance management

EASY TO SUPPORT

OptiRUN™ is a robust proven system based on Microsoft Technologies

The problem

Today's competitive marketplace sees manufacturing companies driving 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 is critical to a company's profitability and long-term success.

The Solution

OptiRUN™ is a computer based maintenance management system (CMMS) that helps companies improve the reliability of plant and equipment, reduce maintenance costs, improve efficiencies and effectiveness of maintenance activities, improve safety, increase throughput and improve overall equipment effectiveness. OptiRUN™'s powerful equipment database improves the management of critical engineering and operational data, enabling good decisions relating to preventative maintenance and asset replenishment.

Manage Maintenance Activities

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

OptiRUN™ 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 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.

Plan and Schedule Preventative Maintenance

OptiRUN™ provides 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, planned work orders can be prepared in advance.

Details of planned activities can be provided to the relevant departments or responsible people, and spares can be reserved to ensure sufficient materials are on hand during the shutdown.

During the shutdown, work can be re-planned as required.

Integration with ApplyIT's IntelliPERMIT™ system allows operations personnel to prepare permits to work in advance to ensure safe conditions for maintenance in potentially hazardous conditions.

Improve Maintenance Service Levels

OptiRUN™ improves quality of work done whereby (for example) completed work orders can be routed back to the person who initiated them for a final check and sign off.

Manage Plant and Equipment

The equipment database in OptiRUN™ serves as a central repository for maintenance information. Work Orders are associated with items of equipment in the plant breakdown structure. Details of completed tasks are logged as history against the equipment together with full cost information.

Thus OptiRUN™ allows you to examine each item of equipment in your database together with a full maintenance history including a breakdown of the material and labour costs incurred over its useful life. This enables informed decisions on preventative maintenance, replacement etc.

Set Up a Flexible 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 labour 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.

Part of OpSUITE™

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



Benefits

OptiRUN™ is designed to increase the reliability of plant and equipment. Companies implementing the solution benefit in many ways including:

- Reduced maintenance costs
- Increased throughput
- Fewer and shorter unplanned breakdowns
- Better replacement decisions
- Safer operations

Total Operations Insight

ApplyIT has been improving operations performance in mining and manufacturing companies for over a decade using innovative technology solutions that are based on industry insights. Our exemplary track record has resulted in some of the largest (and also the smallest) mining and manufacturing companies adopting the OpSUITE™ solutions.

INTEGRATION

OptiRUN™ is designed to integrate with SCADA/PLC systems whereby real-time data from these systems can automatically trigger work orders based on a set of predefined conditions.

This work 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.

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