



Genisys

computerised maintenance management system

sentia



· **GENISYS** is a specialist provider of Asset Management Solutions. We offer added value software and services to asset intensive companies who need to ensure that they manage their assets efficiently and effectively. We seek to build close partnerships with our clients in order to ensure that the solutions we provide convincingly meet their asset management needs.

Genisys offers solutions that represent real Value for Money and we supply software that helps people to do their job rather than hinders.

Genisys will only install software where it will bring real results to the client. We have over twenty years combined experience in the asset management field and we will guide the client through the configuration, training and implementation process.

sentia: *our solution to your needs.*

Sentia is a tried and tested formula with a proven track record. It improves asset effectiveness by increasing visibility and reducing costs. It delivers an essential building block of continuous improvement in engineering and procurement. **Sentia** focuses on providing dependable, reliable and timely information.

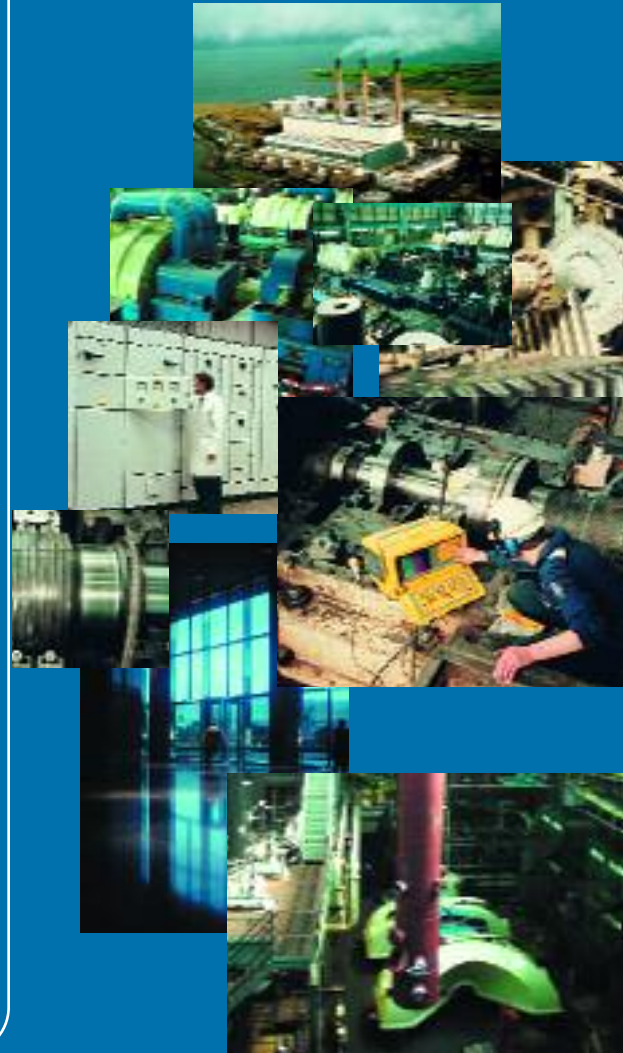
Sentia works to ensure that maintenance becomes an integral and vital part of the production process. It ensures legislative compliance and promotes the aspect of health and safety in industry.

Genisys has over twenty years combined experience in the asset management field. We deliver turnkey solutions encompassing consultancy, software, implementation, training and support.

sentia

computerised maintenance management system

- **Sentia**, our Computerised Asset Management Solution is a fully integrated software product functionally designed by maintenance engineers and purchasing staff who have an in-depth understanding of asset management.
- **Sentia** has been in everyday use for over four years and has a proven track record in the provision of asset management solutions, from maintenance to inventory and purchasing.
- **Sentia:**
 - Was developed using experienced maintenance staff with “hands on” experience of asset management issues.
 - Is an essential building block in ensuring high plant availability.
 - Facilitates a clear focus on good maintenance practice. The emphasis is on ensuring users move from reactive to proactive maintenance.
 - Promotes conformity with Health and Safety Standards and Pressure Systems Directives.
 - Achieves success by ensuring that maintenance becomes an integrated and essential part of the production process.



“**Sentia** provides a holistic approach to delivering high availability of 92% in a profit oriented manner.”

- Robert Apsley (Operations Director
Ballylumford Power Station, PPL)



PRINCIPLES OF OPERATION OF **SENTIA**

Sentia is a complete management information solution using the workorder as the hub of the system. It consists of five fully integrated modules: Workorders, Routines/Outages, Purchasing, Inventory and Administration.

“Sentia has proved to be a very robust and reliable product allowing 120 users full access to information vital to their roles. It offers superior functionality and delivers tangible business results”
- James Stronge (IT Engineer, PPL)

work order module

- The workorder module of Sentia is the heart of the system.
- Workorders can be raised easily saving time and effort
- Equipment hierarchy allows ease of use and can be tailored to the specific needs of individual clients.
- Sentia provides cost effective management and seeks to ensure reductions in Maintenance Department budgets of up to 15%
- Risk assessments are fully internal to the system, making Sentia the driving force for safe systems of work and enhancing overall safety for personnel and plant.
- Sentia lengthens the 'planning horizon' allowing the ratio of planned to unplanned work to increase, resulting in better utilisation of staff.

routines and outages module

- All routines and outages are template based and can be generated over and over again, saving the maintenance engineer valuable time by having to add data only once.
- All elements of a routine or outage template can be planned exactly as a workorder and saved until required.
- The routines section features the ability to generate routines automatically based on either time or usage. This provides the flexibility required by clients.
- The outages section allows the user to generate single or multiple workorders related to an outage task quickly and easily from templates to any similar equipment number.
- Routines and Outages helps the maintenance engineer achieve a more proactive regime.

inventory module

- Sentia provides an inventory database with full integration to the workorder module for spare parts and associated costs.
- Inventory is controlled through a series of user defined rules that generate purchase orders, automatically saving effort and time.

- The inventory hierarchy is based on "a parent-child" relationship meaning faster more logical searching.
- Sentia provides control of all stock transactions ensuring that accurate, up to date, on-hand quantities are visible and all purchase receipts are made within this module to further save administration costs.

- Allows health and safety data to be stored electronically with the stock item to ensure compliance with health and safety regulations.
- Provides information on stock usage helping to save costs of up to 30%.

purchasing module

- Incorporates strict controls to ensure full compliance with internal and external audits.
- Allows requisitions to be raised and purchase orders processed for both goods and services and imposes financial limits based on log in.
- Utilises a Service Manager section to accurately control variable service contracts that are delivered both on and off site through the use of variation orders.
- Includes supplier rating procedure to assist with contractor performance indicators.
- Provides a goods return section ensuring that no equipment or stock item is returned or shipped without the benefit of tracking.

administration module

- Provides a method to assign individual user log-in rights, quickly and effectively. Generating significant time savings for the system administrator.
- Includes a budgeting section that permits budgets to be planned at equipment level but held at account level. Thus providing engineers and financial managers with the information they need.
- Allows access to a full audit trail for all system transactions, logging data change information.
- Utilises self-customisable variables for all users releasing system administrator's time.

“Having seen the software in operation I can now appreciate the scope and potential of this system to any organisation managing equipment.”

- Colin McVea (Maintenance Manager - Signalling Maintenance Northern Ireland Railways)



Genisys

providing computerised maintenance solutions

solutions &

services



solutions & services

solutions & services : impact the future

Genisys aims to provide a turnkey package from software development to training and implementation. We offer added value services to asset intensive companies who need to manage those assets.

Genisys have demonstrable knowledge and expertise in the field of asset management and asset management software. We deliver services that are of benefit to the client and deliver software technology that helps rather than hinders.



“ Genisys have an accomplished expertise in the field of asset management solutions. ”

- Paul Robinson (Procurement Controller, PPL)



Genisys

consultancy

We have:

- Direct experience in Requirements Analysis and providing the initial scoping study into the options available.
- Practical experience in specifying and delivering bespoke software applications.
- Diverse knowledge of database reporting tools allowing the most useful information to be extracted and used.
- A wide perspective in respect of good maintenance practice and the building blocks for effective asset management.
- An ability to accurately convey the value of the benefits being suggested throughout the organisation.
- In-depth expertise in health and safety integration with computerised asset management systems.
- Certified Oracle DBA experience.

training and implementation

We have:

- Direct experience of training with respect to computerised asset management software and other third party solutions.
- Extensive experience in implementing Asset Management Solutions.

We provide:

- Appropriate training on database reporting tools and techniques.
- Assistance with implementation of database solutions.

software development

- Sentia has been developed using the direct experience of Genisys personnel within an asset intensive environment.
- Genisys have direct knowledge of developing bespoke IT solutions in a range of industries.
- Our people have practical experience of developing interfaces between asset management solutions and other third party IT products.

application support & maintenance

We have:

- Practical experience in database interrogation and report writing across a wide range of sectors.
- Extensive expertise in the provision of practical, hands on and ongoing support.


We provide:

- Half yearly system releases ensuring that clients benefit from all the latest improvements in technology.
- Support that can be tailored to the specific requirements of individual clients.
- A call logging system to ensure all client requests are dealt with in a timely and effective manner.



“ Genisys have been central to our efforts to develop an asset register. This is the first step towards our goal of implementing a full asset management system. ”

- Colin McVea (Maintenance Manager - Signalling Maintenance Northern Ireland Railways)



Genisys Solutions Limited focuses on the provision of high levels of service and actively pursues close working partnerships with all of our clients. We provide real value for money and excellent capability in the Asset Management field.



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