



Company Profile

Pragma International

Enterprise Asset Management Engineered

Since 1990



www.pragmaworld.net



1 Message from Adriaan Scheeres, CEO

“Continued pressure from investors on companies to improve earnings in flat markets is forcing executive management teams around the world to seek out areas of their businesses where there are opportunities to improve profitability. That is the reason behind the current focus on physical asset management, one of the areas where appropriate optimisation can help firms obtain full value from their asset investments. This is exactly where we can assist companies.”

2 Who is Pragma International?

Pragma is an engineering enterprise asset management company dedicated to the delivery of best practice asset management solutions to asset intensive industries. Our systems and processes represent the culmination of more than 25 years of active involvement with industry, helping to optimise asset management related practices.

At its core, Pragma is a team of engineers. This sets us apart from many other organisations delivering services within the asset management space, who typically approach it from a purely financial, IT, consulting or process outsourcing perspective. We not only have the required aptitude in those elements, but we also understand physical assets. This is a critical differentiator. We also provide a wide range of asset management related services, whereas most competitors focus on niche areas.

Pragma started life as a South African maintenance consultancy in 1990. After a few years the development of the On Key computerised maintenance management system (CMMS)

followed. During the late 90s, Pragma started the shift from consultancy services and project work to long term service interventions. This model would eventually become known as the Asset Care Service (AC Service), an outsourced maintenance administration and asset care optimisation service. The service is still the core of what Pragma delivers, supported by various tools, technologies and business processes.

In recent years Pragma expanded its expertise and services to offer a more holistic solution to enterprises by adding facilities management, condition monitoring and SAP® EAM optimisation to its core offerings.

Pragma has offices in Johannesburg, Cape Town, Durban, eMalahleni, Port Elizabeth and Netherlands. We have a presence in Australia, Sao Paulo in Brasil and Mexico and we service our other international clients from South Africa.

3 Our approach The Pragma Way

The Pragma Way is Pragma's view on asset management. It consists of a number of business processes covering all areas of physical asset management. The business processes cover both day-to-day maintenance execution and long term optimisation through continuous improvement and focused improvement activities.

The first step in a Pragma intervention is usually an Asset Management Improvement Plan (AMIP) assessment that will establish the current state, identify the desired state, and provide the outlines of an improvement plan to close the gap between the two.

4 The Pragma Group

Pragma Holdings acts as an investment vehicle for the group and provides strategic and operational guidelines for operating entities. Group Shared Services are hosted within Pragma Holdings offering financial services, ICT, corporate communications and human capital services.

Pragma Africa delivers enterprise asset management services, which includes the technical management of assets and facilities management, to clients in Africa. Our consultants also offer training and assist with implementation and optimisation of EAM systems such as On Key and SAP® PM.

Pragma R&D is responsible for the development, improvement and maintenance of the Pragma AC Partner pack in support of our global strategy.

Pragma Academy delivers a range of blended learning short courses, focusing on basic and advanced principles and best practices in Enterprise Asset Management and maintenance. Companies have the option to request these courses to be customised for their purposes and presented at their own premises.

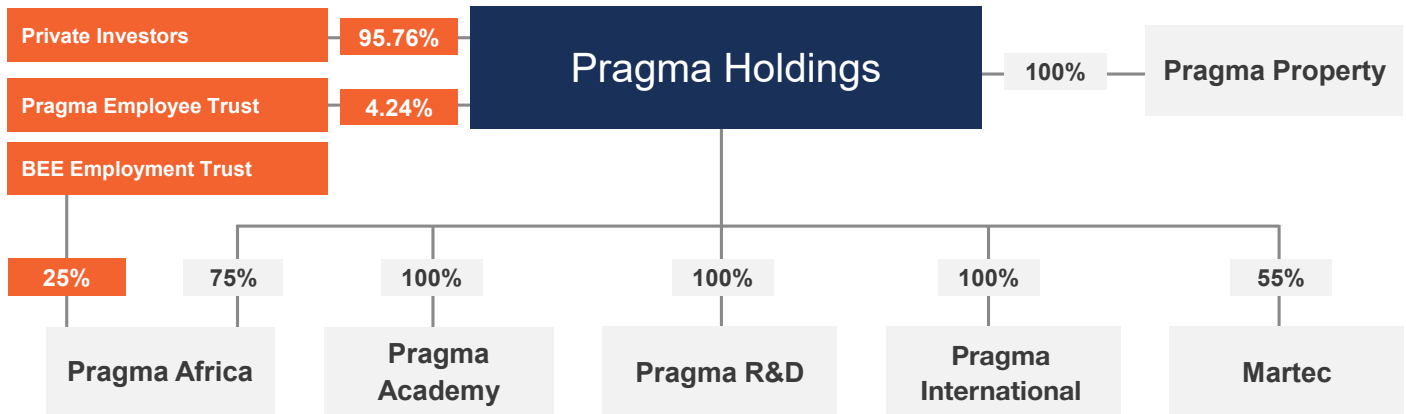
Martec, a Pragma group company, is a specialist supplier of condition monitoring products, services and expertise that gives clients insight into the health status of critical assets for enhanced equipment reliability.

Pragma International delivers asset care services, consulting, training and the On Key EAM system to clients globally.

Partners and Value Added Resellers also represent Pragma around the globe, extending the reach of our Asset Care service and On Key EAM system.



5 Our company group structure



6 Our Service Offerings

The Asset Care Service

Our unique Asset Care Service is based on a partnership model where both parties are bound by service level agreements in support of excellence in asset management. A team of Pragma personnel (account managers, engineers, planners and schedulers) combined with the in-house team, take responsibility to plan and execute the agreed day-to-day asset care activities in the Asset Care Centre (ACC).

The methodology and best practices used in executing the service are packaged business processes and supporting software tools.

All business processes are aligned with ISO 55000 and GFMAMs 39 subjects and meet international accounting reporting standards (e.g. IFRS, GAAP and GRAP). Where clients

have signed long term Asset Care contracts with Pragma, they receive the added benefit of access to a pool of senior consultants that can deliver focused improvement solutions.

There are three ACC models:

ACC @ Client

Pragma dedicates its resources (engineers, planners, schedulers and data capturers) to the client. Normally an ACC office is established at the client's site and they are then integrated into the client's structures and processes. Pragma uses an agreed set of business processes to drive and manage the day-to-day maintenance management activities. On Key is the Pragma EAMS tool of choice. The monthly rental fee for the hosting and use of the database ensures the client's peace of mind since the host is provided

6 Our Service Offerings

by a Tier 1 internet service provider with a world-class disaster recovery infrastructure. If the client already has an EAMS, On Key is used in support of the client's ERP/EAMS.

ACC @ Pragma

Pragma provides our own office space and resources to capture data, analyse results and give feedback and reports. These resources are shared between up to eight clients. Daily communication via email, phone or personal meetings takes place. Pragma uses an agreed set of business processes to drive and manage the day-to-day maintenance management activities. On Key is the Pragma EAMS tool of choice. The monthly rental fee for the hosting and use of the database ensures the client's peace of mind since the host is provided by a Tier 1 internet service provider with a world-class disaster recovery infrastructure.

ACC Client Operated

This service is available to those clients who have a certain measure of asset management maturity and the resources to perform the tasks. They do however not have their own business processes in place and Pragma provides these with interventions two days a month as well as with strategic guidance and maturity assessments. These clients use the On Key EAMS and they may choose to host the software in their own IT environment. A monthly rental fee is applicable. All license and support costs are included in the monthly rental fee.

Business Processes used by Asset Care Engineers

The asset management business processes cover areas such as:

- Asset strategy
- Asset life cycle dynamics
- Asset register compliancy (for example IFRS, GIAMA)
- Contractor management
- Change management
- Asset performance
- Asset management projects
- Focused improvement projects
- Reporting, analysis
- Focused improvement



6 Our Service Offerings

Enterprise Asset Management software tools

We use engineers with asset management experience to do the implementation and optimisation of new or current EAM systems. Whilst we deliver our service on various reputable EAM systems, we have developed a best of breed system called On Key that is at the forefront of its class. We also have provide specialist services on the SAP® EAM system.

On Key

Years of asset management best practices and engineering experience is encapsulated into this system to assist asset managers to effectively manage their resources and assets.

SAP® EAM

Consulting services, for engineers by engineers, captures a unique approach to the implementation, optimisation and reconfiguration of your SAP® EAM system.



Facilities Management

In any operation, maintaining the support infrastructure is as important as maintaining the assets itself.

Our business model ensures that clients have one point of contact taking care of their assets and facilities. We bring Facilities Management to life with one system and a set of engineered business processes informed by best practices and industry compliance requirements.



This, combined with the implementation of strict service level agreements and contractor management allows us to ensure consistent, high-quality service delivery aligned with our clients' organisational goals.

Engaging in strategic partnerships, we assist our clients with the long-term planning of facility life cycle management and services for optimised space utilisation and efficiency.

Facility owners can have peace of mind that the combination of a well-trained workforce and process driven structured engineering principles will elevate their facilities management from a reactive or firefighting mode to excellence.

6 Our Service Offerings

Condition Monitoring

Our specialist condition monitoring (CM) services assist clients to keep a very close eye on asset performance in order to act swiftly and with the correct response to ensure uptime and availability. When used in combination with AM best practices, CM becomes a strategic differentiator, contributing to cost savings, risk mitigation and improved asset performance.



Our condition monitoring services include:

- Periodic inspection and condition assessment
- Continuous on-line condition monitoring
- Reliability enhancements

Assets that can be monitored include:

- Mechanical - to mention a few
 - bearings, couplings, shafts, seals, boilers, feedwater heaters, condensers, mills, pumps, compressors, gearboxes, and turbines.
- Electrical - to mention a few
 - busduct, bushings, isolators, transformers, transmission lines, cables, motors, generators, switchgear and PV panels.

Consulting Services

Our specialist asset management consulting services include the following activities:

- ISO 55000 assessments and readiness preparation for certification
- Asset Management Assessments
- Asset Identification and Verification
- Development of Maintenance Tactics
- Maintenance cost reduction
- Standardisation / analysis across the business
- Continuous data evaluation used for focused optimisation
- A compliant, accurate and up-to-date asset register
- Optimum use of resources (in-house and contractors)
- Optimisation of stockholding
- Optimum use of maintenance tactics
- Measurement and management work against the Improvement Plan and SLA
- Optimisation of Asset replacement budget / spend



7 Our Market Focus

Client Categories

Our clients span a wide range of asset intensive industries including:

- Manufacturing
- Utilities
- Distributed facilities
- Capital goods manufacturing
- Local government

The value that our service adds to the bottom line of our clients, are manifested in the long standing contracts with numerous clients around the globe.

Visit www.pragmaworld.net/success-stories/ to view our list of clients and case studies.

8 Our Value Proposition

Our proposition to clients is that they will benefit from a return on their asset investment. This is seen in three specific areas:

Improved asset performance

- Increased availability
- Improved reliability
- Consistent service delivery
- Sustainable quality
- Maximum asset utilisation

Risk reduction

- Compliance with legislation
- HSSE requirements
- Reduce breakdowns to minimise business risks

Cost reduction

- Improved labour utilisation
- Optimised stock levels
- Effective contractor management
- Accurate repair or replace decision making

9 Our Strategic Vision

Future Performance

Pragma believes that past performance and investment provides a sound platform for accelerated growth. Much investment has been in the development of software systems, formalised business processes and employee training, and it is believed that these investments will pay handsomely in future. The company has established a reputation within the manufacturing, heavy manufacturing, petrochemical, utilities, facilities and local government environments.

We have also started to realise an increase in foreign business activities, which is increasingly contributing to the bottom line.

Benchmarks

Pragma's AMIP methodology is well regarded within the industry and is often used as a benchmark by other organisations. Our engineers, as recognised industry leaders, are often invited as speakers at conventions and industry events.

Pragma is involved with several educational interventions. Apart from taking hands with clients and presenting topical colloquiums, they are also the lead sponsor of the annual SAAMA Asset Management Conference.

Expertise

Pragma has a competent workforce with specialist knowledge in areas such as asset management, the ISO 55000 asset management standard, GFMAMs landscape document, data management and system configuration and implementation. Several of Pragma's senior engineers are certified with the SMRP (CMRP), SAAMA and the Institute of Asset Management (IAM) for their competence in Asset Management.

Every Pragma employee has a training matrix. A growth path exists for engineers to ensure that they continuously mature their knowledge and expertise and are capable of providing the required advice and guidance to their clients.

Leadership Training

From an early stage in the company's existence, we realised the importance of succession planning and the training of young leaders to take up management positions.

The Leadership Development Program is focused on junior to medium level leaders and focus on various leadership aspects as well as the personal development of these individuals.

10 Our Company Values

Pragma has four core values that are entrenched in our everyday dealings. In short they describe the foundation of our approach with each other, our responsibilities, our clients and towards our company.

Clients

We understand our clients' needs and we make a positive contribution to their future.

Organisation

We are honest and act with integrity in all our endeavours to grow the company towards a sustainable future.

Engagement

We foster a team environment in which each individual is recognised, valued and developed to support our company strategy.

People

We provide the opportunity for individuals to enjoy their working lives while playing to their strengths.

11 Transformation in and through Pragma

As a responsible corporate citizen, Pragma is actively involved with dedicated projects to contribute to transformation in all the regions where we have offices. This involvement includes enterprise and supplier development as well as social economic development programmes.

Pragma has distinguished itself as an employer of choice, honouring equality in gender, race and ability, offering employees the opportunity to express their knowledge, expertise and skills in support of our company mission.