

# YOUR ASSET & MAINTENANCE MANAGEMENT APPROACH IS IMPACTING YOUR RETURN ON INVESTMENT

"Asset requirements are  
managed from a technical,  
financial, legal and  
compliance point of view"

Engineering maintenance  
data is essential for success

Predict upcoming problems  
and failures on the equipment  
prior to occurrence

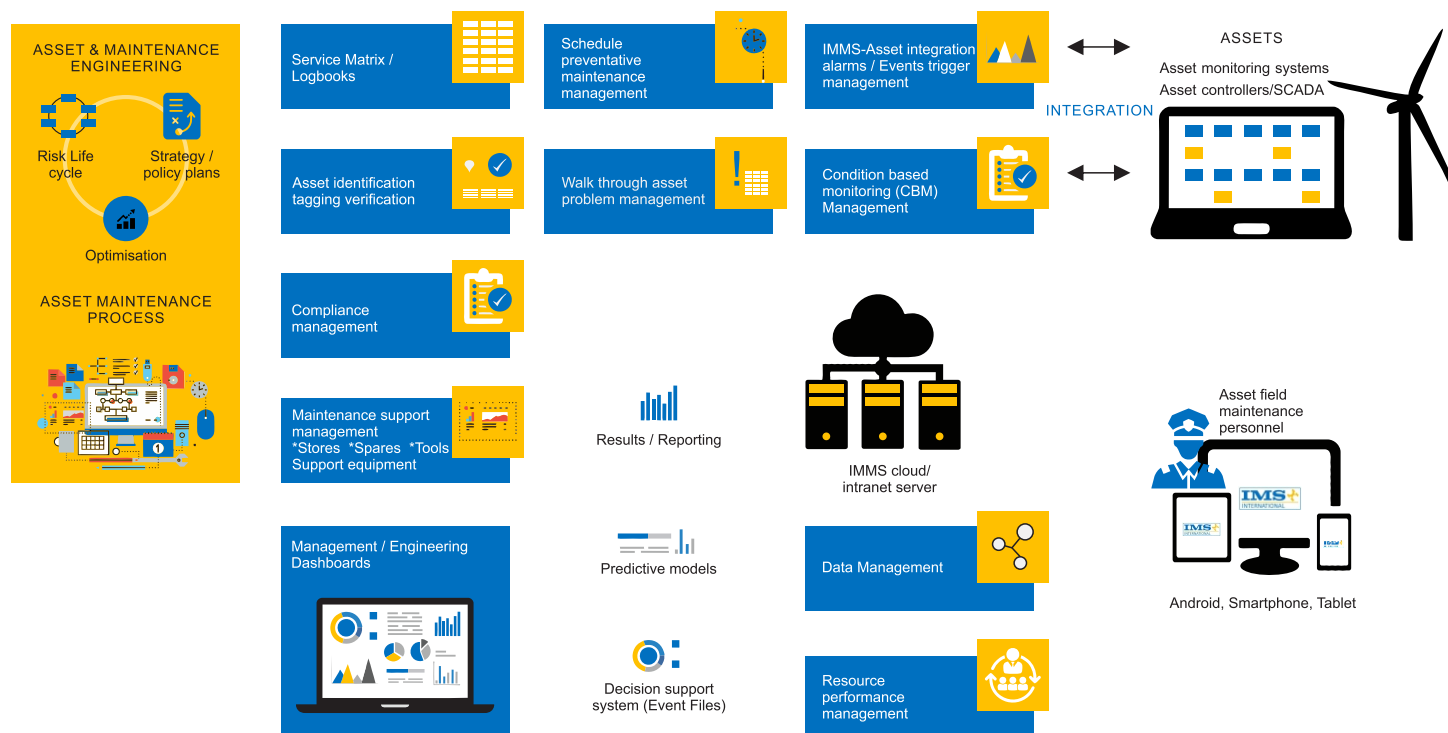
## PREDICTIVE MAINTENANCE USING YOUR EXISTING DATA

Performing Predictive Maintenance  
using your existing SCADA, Plant  
Systems and Operations data

# SERVICES

- Asset Management Strategy, Policy, Plans and Processes: PAS55/ISO55000
- Asset Status Assessments: Financial, Technical, Compliance, Demands, Risks, Skills
- Asset Planning and Design: Engineering, Restoration and optimisation, Skills planning
- Asset Implementation: Restoration, Supply chain management, Skills development
- Asset Operational Readiness: KPIs, Assessments, Optimisation
- Sustainable Asset Operations and Maintenance Management (Life-cycle engineering).
- Reliability Centered Maintenance (RCM) and Risk Management (RM)
- Auditable Asset Financial Management, Return on Investment
- Asset Register management, tagging, identification, recording and verification
- Asset Service Matrix management and logbooks
- Scheduled preventative maintenance management
- Unscheduled walk-through asset problem management
- Integration to asset control systems to manage alarm/event triggers
- Condition Based Monitoring (CBM) asset maintenance management
- Predictive maintenance model design and integration
- Maintenance Event files with Decision Support System
- Management and Engineering Dashboards, KPIs, Reporting
- Compliance management & Root cause Analysis (RCA)
- Resource Management: Performance based contracting, on-Site/Skype training

## IMMS ASSET AND MAINTENANCE MANAGEMENT CLOUD/INTRANET SOLUTION



# INTEGRATED MAINTENANCE MANAGEMENT SYSTEM (IMMS)

- Provides digitized paperless solution based on ISO55000 methodology of continuous Plan, Do, Check, Act (PDCA) process
- IMMS is Cloud based modular software using Android Tablets/Smartphones in the field (no internet required in the field)
- Truly Asset orientated approach capturing Manufacturers Asset requirements and your Asset information and requirements
- Program Manufacturers maintenance manuals for execution on the Assets
- Provide recording of maintenance engineering results including photos. (Video/audio recording soon)
- Ensures maintenance is performed by the correct resources on asset on time and on location
- Provide engineering level maintenance data recording for analysis and predictive models
- Flag undesired results during maintenance actions and managed until it is resolved
- Provide integrated maintenance management tools.
- Manages: maintenance, inspections, repairs, installations, removals, assembly, disassembly, alignment, calibration and tuning actions.
- Manages SHERQ requirements with emphasis on safety
- Manages Asset requirements on spares, consumables, tools and test equipment
- Manages the Asset Register to identify, record and verify your assets and asset information
- IMMS manages pre-determined and condition based preventative maintenance, immediate- and deferred corrective maintenance, opportunistic maintenance and predictive maintenance.
- IMMS record and manage non-conforming assets detected during unscheduled and scheduled walk-throughs, till the problem is resolved.
- IMMS integrates with Asset's on-board controllers, SCADA and condition based system for real-time monitoring and to trigger fault or condition based maintenance events and manages these problems till resolved
- Provides for technical skills development on the maintenance process, maintenance procedures, maintenance performance
- Provides for skills and knowledge transfer from experienced to inexperienced maintenance personnel
- IMMS integrates as engineering based front end to ERP solutions
- IMMS provides for customized KPIs, Management and Engineering dashboards to provide real time Asset and maintenance status information and reporting.
- Integrate with advance sensor technology



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