GP Strategies® and Nexus Global have partnered together to provide a holistic asset performance management lifecycle solution to help your organization maximize the ROI of your asset performance management strategy.

Our partnership combines Nexus Global’s innovative software tools with GP Strategies’ engineering knowledge and maintenance, reliability, human performance, and operational excellence services for one robust solution.

Together, we provide guidance for your organization’s asset performance management plan, recommend areas for prioritization, and implement proven methodologies to ensure operational success.
**ASSET PERFORMANCE MANAGEMENT PROCESS**

1. **Asset Registry Based on Criticality**
   The process starts with creating an asset registry to identify the criticality of equipment. That information is used to prioritize maintenance strategies and work-execution initiatives.

2. **Strategy Optimization**
   If your company already has an asset management strategy, but is not getting results, strategy optimization can find redundant and non-performing strategies. This provides real results quickly and effectively.

3. **Maintenance Strategies**
   Maintenance strategies focused on preventing defects and downtime are developed; specific plans on asset maintainability are also created.

4. **Work Execution**
   These preventative maintenance elements transition into Work Execution with a focus on frontline reliability.

5. **Human Performance Funnel**
   As we work with your workforce, we may identify training needs. The Human Performance funnel starts again with identifying the criticality of equipment, developing procedures, and creating documentation. The learners are then surveyed to start a job task analysis. The next steps are the assessment and skills performance measures to further refine the training needed to achieve the desired return on investment.

6. **Off-the-Shelf and Custom Courseware**
   Off-the-shelf and custom training can then be provided through GPILEARN+, the Precision Maintenance courseware, and custom training developed with our PRECISION methodology.

7. **Performance and Condition Monitoring**
   Equipment performance is monitored in real time and its condition is continuously monitored for deviations from “normal” using machine learning digital twins in combination with continuous analysis of vibration data in the frequency domain.

8. **EAM or CMMS**
   CMMS software packages maintain electronic databases with an organization’s maintenance operations data. CMMS is traditionally used to schedule and dispatch work, improve efficiency, help management make more informed decisions, support regulatory compliance, and more. EAM is the optimal lifecycle management of an organization’s physical assets. EAM includes aspects of business such as operations, maintenance, and decommissioning/replacement of a plant, equipment and facilities, design, and more.

9. **Root Cause Analysis**
   A Root Cause Analysis is then conducted to eliminate recurring failures and minimize reactive work.

For more information about building an effective ASSET PERFORMANCE MANAGEMENT PLAN to ensure operational success, please visit [www.gpstrategies.com/solution/technical-engineering/asset-management](http://www.gpstrategies.com/solution/technical-engineering/asset-management)