Rockwell Automation
Asset Management Program

Reduce MRO costs and improve maintenance decisions with accurate data

RAAMP® Benefits

- Reduce maintenance, repair and operations (MRO) costs through demand management processes
- Manage and optimize spares
- Identify opportunities for standardization
- Help reduce common mode failures
- Reduce the number of repairs
- Minimize repair turn-around time
- Gain access to reliability consulting

Based on the Asset Management Professional’s knowledge of what equipment we have installed, he questioned whether the cost to repair was really necessary. This happens frequently and year to date this type of questioning has avoided about $40,000 in unnecessary repairs.

— Storeroom supervisor, large food manufacturer

Actual RAAMP Customer - Return on Investment 326%

Inventory Reduction
Carrying Cost Savings
Warranty Savings
Repair Cost Avoidance
Repair vs. New Savings
Productivity Improvements

Reduce Plant Floor Demand, Improve Reliability and Make Better Maintenance Decisions

Your goal is to reduce costs on the plant floor, increase productivity and reduce risk – and so is ours. The Rockwell Automation® Asset Management Program is a portfolio of global services and proven methodologies with high-quality process improvement and inventory optimization at its core.

Using web-based reporting, an on-site Asset Management Professional collaborates with your team to manage your repair process, improve reliability and reduce inventory and obsolescence risk.

By implementing a RAAMP program, you will have access to a one year in-service warranty (extended warranty available) and monthly transactional and financial reports on all assets. These reports include warranty and asset tracking, Mean Time Between Failure (MTBF) and ROI reporting.

Getting Started

To minimize unplanned downtime, you need reliable spares on shelves. Our program starts with a two-day reliability engagement and Rockwell Automation Installed Base Evaluation. While we’re on-site, we identify your excess spare parts, any shortage of critical spares, and your critical plant assets and condition. A lifecycle and criticality analysis of your installed base includes a plant hierarchy model for your facility, with terminology and plant descriptions that are meaningful to you. This data provides a starting point for the RAAMP program.
Your dedicated RAAMP specialist helps you to:
- Identify risk and abnormal trends
- Identify root cause of failure
- Drive issue resolution processes
- Improve asset optimization through ROI-based reporting
- Create or improve standard operating procedures (SOPs)
- Manage obsolescence

We can work with existing strategic partners and OEM relationships. Experienced reliability engineers are available to consult on your toughest reliability challenges, and turn these challenges into improvement opportunities. Top performing companies executing reliability-centric strategies today are showing 1.7 percent unscheduled downtime and 91 percent Overall Equipment Effectiveness (OEE).

With over 15 years implementing RAAMP programs at customer sites, Rockwell Automation has documented hundreds of millions of dollars in combined annual cost savings for our customers.

Typical and Sustainable Reliability Improvements for a RAAMP Customer

**Running MTBF**

<table>
<thead>
<tr>
<th>Year</th>
<th>MTBF</th>
</tr>
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<tbody>
<tr>
<td>Year 1</td>
<td>10x</td>
</tr>
<tr>
<td>Year 2</td>
<td>8x</td>
</tr>
<tr>
<td>Year 3</td>
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<td>4x</td>
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<tr>
<td>Year 5</td>
<td>2x</td>
</tr>
<tr>
<td>Year 6</td>
<td>0x</td>
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**Failure Rate**

<table>
<thead>
<tr>
<th>Year</th>
<th>Failure Rate</th>
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</thead>
<tbody>
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<td>Year 1</td>
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<tr>
<td>Year 2</td>
<td>6.0%</td>
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<tr>
<td>Year 7</td>
<td>1.0%</td>
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<tr>
<td>Year 8</td>
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</table>

RAAMP Deliverables for Your Facility

**Dedicated Asset Management Professional**
An on-site resource works with your team and is focused on managing your MRO demand process.

**Installed Base Evaluation**
Helps you make data-driven decisions regarding the support and obsolescence management of your installed base.

**Warranty Recovery of Repairable Assets**
All repairable products are tracked to help ensure you’re not paying for repairs or failed components currently under warranty.

**Asset Tracking**
Live tracking with bar code technology is provided for all repaired or managed assets. To complement RAAMP, you can add a system for “real-time” device interrogation on plant floor assets, to move from reactive to predictive maintenance.

**Reliability Engagement**
A reliability engineer offers baseline consulting in an evaluation or workshop method, with three focused tracks to choose from: Plant Reliability and Maintenance, Storeroom and Asset Management or Leadership and KPI.

**Reporting**
Leverage proprietary software to document repair failure trends and drive corrective actions.

For more information about RAAMP, contact your local authorized Allen-Bradley® distributor or Rockwell Automation sales office or visit: [www.rockwellautomation.com/global/go/raamp](http://www.rockwellautomation.com/global/go/raamp)


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