

Asset Optimization Services

Sustainably extend equipment life
and improve asset utilization



Is uptime on your mind?

You deal with various challenges throughout your enterprise on a day-to-day basis.

You may be facing:

- Aging, obsolete or unsupportable systems
- High maintenance, repair and operations (MRO) costs
- Increasing inventory complexity
- Underperforming or unreliable assets
- Unplanned downtime

Managing these challenges along with pressures to meet daily production targets can lead to a “just keep it running” mindset – and prevent your operations from reaching their full potential.

Maximize return on your production assets

Our asset optimization services can help you proactively enable worry-free production or let Rockwell Automation help you manage it. This allows you to focus your efforts on optimizing the operational and financial performance of your production assets.

We can help you in four key areas:

Preventive Maintenance

Extend equipment life while ultimately saving you time and money.

Repair Services

Provide access to sustainable, quality repairs for your industrial automation assets, minimizing failure risk.

Inventory Services

Optimize your inventory management while minimizing obsolescence and downtime risk.

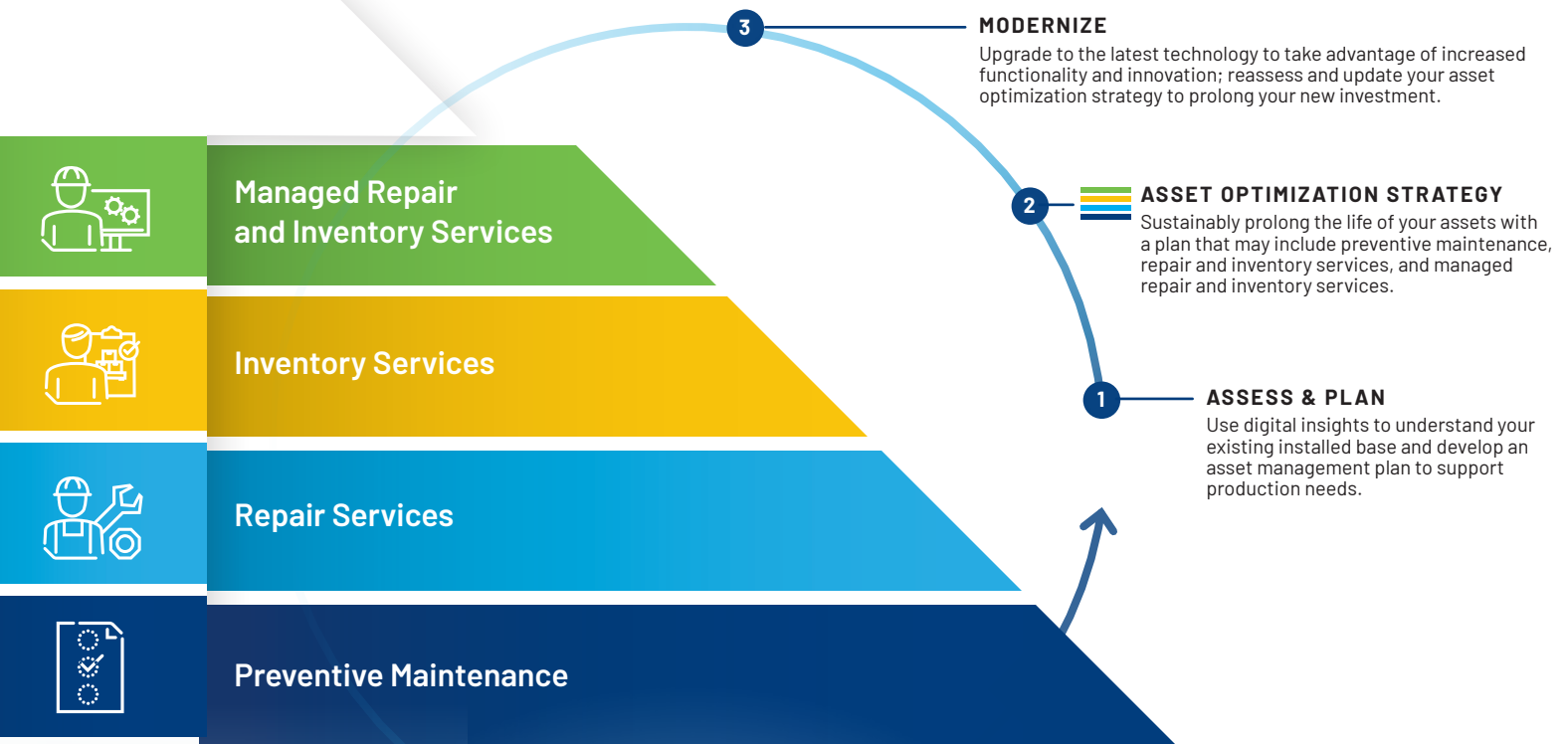
Managed Repair and Inventory Services

Offer a managed approach to asset management, allowing you to accelerate productivity and take asset performance to a new level.

Whether supporting an existing installed base or helping you modernize to the latest technology, **Asset Optimization Services** can support the lifecycle of your products.



Develop an asset optimization strategy with data-driven services



The global MRO market for the manufacturing industry is projected to reach **\$49.65 billion by 2030**, at a CAGR of 7.8% from 2023 to 2030.

This growth is driven by the proliferation of digital transformation in the field of MRO, the growing need to reduce maintenance and unplanned downtime, the increasing demand for enhanced organizational efficiency across industries, and the development of smart factories.

— Meticulous Research (2023) MRO Market for the Manufacturing Industry – Global Forecast to 2030 [Report]

1 Assess & Plan

Use digital insights to understand your existing installed base and develop an asset management plan to support production needs.

An Installed Base Evaluation™ collects data and provides actionable reports on the critical assets installed across your enterprise. When you know the status of spare parts and discontinued equipment, you can make more informed decisions regarding their support and obsolescence management. This baseline on the lifecycle of your installed assets can help you:

- Identify and eliminate excess inventory
- Keep critical spares on-site
- Confirm that assets have up-to-date bills of material

Included with an IBE is the digitally enabled platform, My Equipment. This portal provides ongoing visibility into your installed base for updated lifecycle and product alerts, grants easier access to data to reduce obsolescence risk and maintenance costs, and enables collaboration across your team.

2 Implement Asset Optimization Strategy

Sustainably prolong the life of your assets with a plan that may include preventive maintenance, repair and inventory services, and managed repair and inventory services.



Preventive Maintenance



Repair Services



Inventory Services



Managed Repair and Inventory Services



Preventive Maintenance

Modernize your maintenance strategy by making sure you have a preventive maintenance plan in place. This plan serves as the foundation that extends the product lifecycle and optimizes performance by examining tasks, creating standard checklists, and creating a preventive maintenance schedule. Preventive maintenance can be time-based or usage-based and performed yourself or with the assistance of an experienced partner versed in the technology.

Preventive maintenance that is routinely performed on physical assets can reduce the chance of equipment failure and costly unplanned downtime. Prolong the life of your parts and increase production uptime with our experienced team of field service engineers on an as-needed basis.

Preventive maintenance service agreements

keep your critical assets running at peak efficiency. We work with you to identify pending system failures and recommend which components should be repaired or replaced. This can reduce or eliminate the unnecessary repairs and associated costs that occur with most time-based preventive maintenance programs.

\$15k per hour

The average cost of downtime for a typical packaged foods or consumer goods supplier

— ARC Advisory Group

Benefits

- Optimize hardware performance and help prevent unexpected breakdowns
- Increase productivity by review and optimization of tasks and work instructions
- Reduce downtime risk and prolong asset life



Repair Services

Keep production running smoothly and achieve your sustainability goals by repairing instead of replacing. Whether you need an exchange unit sent quickly while your drive is repaired or want a single repair provider who can service your critical assets no matter the brand, we have the expertise needed to help you.

Industrial repair services help you quickly and conveniently complete repairs, with quality service offered for over 200,000 items from more than 7,000 manufacturers. Our efficient workflows and experienced professionals get your equipment back up and running as quickly as possible.

We also give you a comprehensive warranty on the entire unit, not just the repaired components.

Remanufacturing and exchange services help you get your automation assets back in service as quickly as possible.

- Remanufacturing services restore your Allen-Bradley® products to like-new or better condition. This allows you to extend the asset's life while potentially enhancing its performance
- Our remanufacturing facilities have ISO certifications and use the same high-quality parts, standards and specifications as the original manufacturing process
- Firmware updates are included on remanufactured products
- Remanufactured equipment includes a comprehensive warranty on the entire unit, not just the replaced/repaired components
- Exchange services can get you replacement parts in as quickly as one business day.

Repair+ service agreements enable a predictable repair spending amount with a single contract that simplifies the repair process and improves budgeting through fixed monthly costs and one purchase order for all repairs. With quality remanufacturing and a standard warranty, this renewable contract offers either a set budget, or an all-inclusive agreement, plus additional incentives that reduce your overall repair spend.

Legacy support services help you manage your obsolescence risk and provide critical support for legacy equipment until you can modernize. You can mitigate obsolescence risks today or we can help you manage them over time. This support can include spare parts management, repairs and preventive maintenance.



Benefits

- Reduce costs and improve reliability
- Sustainably repair components instead of buying new
- Gain support for legacy and non-Rockwell Automation products



Inventory Services

Our inventory services can streamline your inventory management, improve uptime and reduce MRO costs by up to 25 percent. Start with an Installed Base Evaluation™ (IBE® service) to help prioritize your most critical assets.

An Inventory+ service agreement helps to reduce your inventory investment and simplify budgeting while ensuring ready access to critical spare parts that are Rockwell Automation-owned, but located on-site at your facility. You choose which parts and have the flexibility to update as needed.

Storeroom management services identify critical issues and address operational gaps in your storeroom operations. We work with you to help:

- Reduce your inventory levels and MRO costs
- Support data-driven maintenance decisions
- Improve KPIs, including inventory accuracy, fill rate and order accuracy



Benefits

- Identify most critical risks
- Easily access spare parts
- Maintain integrity of critical spares
- Match your spares to your production needs
- Minimize total cost of inventory ownership



Managed Repair and Inventory Services

Sometimes you need more comprehensive services and process improvement in your inventory optimization. An embedded resource functions as part of your team to manage the repair and inventory processes, provide data-driven recommendations and reporting, and help you make better maintenance decisions.

Repair and inventory management services use demand-management processes to help you reduce your MRO costs. You will work directly with a dedicated, asset-management professional at your site, to identify risks, pinpoint root causes of failure, drive issue-resolution processes, improve asset optimization, manage obsolescence, and more. Our programs have delivered hundreds of millions of dollars in cost savings to customers.

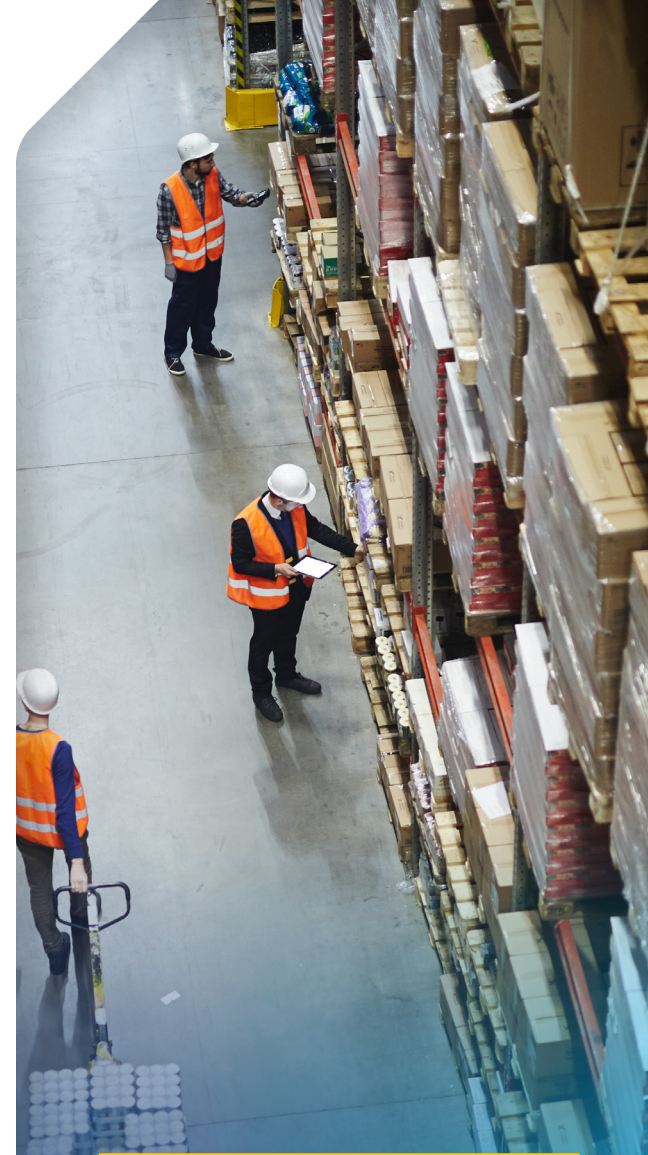
Related Services

An Integrated Service Agreement provides the best of both worlds – value and priority services. By bundling key offerings instead of purchasing standalone contracts, you can save 20-30 percent over time. With three service tiers to choose from, you have one number to call with access to expert support and analytics-driven insights. Services may include the following depending on the level of support needed:

- 24x7 remote system support
- Repair agreements
- Contract usage analytics and reports
- Field services (optional)
- Installed Base Evaluation™
- E-learning training (optional)
- Inventory services (optional)

3 Modernize

Upgrade to the latest technology to take advantage of increased functionality and innovation; reassess and update your asset optimization strategy to prolong your new investment.



Benefits

- Turnkey solutions for managing repairs and inventory
- Streamline repair processes
- Improve asset availability
- Leverage data to optimize maintenance processes and systems
- Boost your bottom line



Customer Success Story

Parts Inventory Agreement and Management Reduces Downtime and Costs For Global Pet and Human Nutrition Company

Challenges

- Manufacturer with over 150 North American locations needed risk mitigation due to downtime being caused by a lack of critical spare parts
- This lack of spare parts was leading to days of downtime and lost contract sales

Rockwell Automation Delivered Solution

- Plant floor inventory assessment identified critical spare parts needs
- Digitized engineering assessment provided a digitized, scalable product modernization roadmap for software and controls architecture for 58 locations
- Inventory+ service agreement enabled cost savings and predictability with Rockwell Automation owning these parts which ensured parts availability and enabled risk mediation and firmware management

Results

- Downtime related to Allen-Bradley® spare parts was reduced by 88 percent
- Remanufacturing has increased as an alternative to buying new, with all repair warranties now tracked to maximize cost savings
- The Inventory+ and RAAMP® agreements combined with warranty tracking and a remanufacturing-first strategy is expected to save this global pet and human nutrition company \$4 million per year



The right expertise, at the right time.

Professional, managed and support services to help you automate, connect, protect and optimize your value chain.



PRODUCTION AUTOMATION

Automate and modernize manufacturing and production operations.

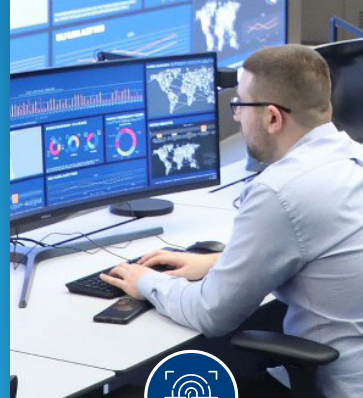
- Industrial automation control systems
- Distributed control systems (DCS)
- Power systems
- Drive systems
- Safety systems & solutions
- Panel solutions



DIGITAL OPERATIONS

Connect processes, systems, assets and products with data.

- Data science & artificial intelligence (AI)
- Manufacturing operations management (MOM/MES)
- Product lifecycle management (PLM)
- Extended reality (AR/VR/MR)
- Supply chain management (SCM)



INDUSTRIAL CYBERSECURITY

Enable and protect industrial network connectivity.

- Industrial compute & network infrastructure
- Vulnerability & risk management
- Threat detection
- Endpoint protection
- Incident response & recovery







PRODUCTION OPTIMIZATION

Optimize the performance of assets, systems, applications and people.

- Repair & maintenance
- Inventory management
- Energy management & sustainability
- Workforce development & training

To learn how we can help you solve your unique business challenges, contact your local authorized Allen-Bradley® distributor or Rockwell Automation sales office, or visit: **rok.auto/lifecycle**.



Connect with us.    

rockwellautomation.com

expanding human possibility®

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