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MANUFACTURING ASSESSMENT AND PLANNING SERVICES

CAN YOUR COMPANY BENEFIT FROM MANUFACTURING
SOLUTIONS FROM ROCKWELL AUTOMATION?

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*Process Manager,
Global Food Company*

"When presented with some of our most challenging opportunities in process variation improvement, Rockwell's MAP services have provided us a unique combination of manufacturing, engineering, and automation expertise necessary to meet these challenges. Like any other service, the difference in success vs. failure resides with the people who provide the service, and Rockwell's MAP team has yet to miss the target. "



THE NEXT WAVE IN MANUFACTURING SOLUTIONS

Today's value-based strategic plans are an important part of every manufacturer's business strategy. From business planning and scheduling, to supply chain management of plant floor control systems - information and automation play a key role in delivering the productivity improvements required to support the capital investments necessary to improve manufacturing operations.

THE RESULT

Clear and concise manufacturing strategies that will lead you to increased production and sound financial investments.

- Production responding in real time to demand fluctuations
- Advanced process control techniques increase throughput without substantial investment in new equipment
- Optimization of production through correlation of historical production, quality, and process data
- Improved accuracy and velocity of your order fulfillment operation, supply chain support and ebusiness strategy

CLOSING THE GAPS

Filling production process variability, visibility, tracking and control gaps will drive the next wave of performance in market-driven manufacturing processes and strategies.

Discovering which gaps are impeding your success is determined by examining your operations and current manufacturing conditions and how they contribute to meeting business objectives.



MAP SERVICES

Manufacturing Assessment and Planning or MAP, is a set of consultative service offerings provided by Rockwell Automation that guide your organization through an assessment of your current manufacturing state, resulting in manufacturing performance solution benefit opportunities.

Determining how to achieve real value and immediate impact from a manufacturing performance solution requires evaluation of your production environment. MAP consultants assess the interplay of business and production factors that drive production performance within your operations.

The level of analysis you can expect with the MAP offerings range from

- Offering suggestions on improvement areas that apply to your business
- Identify and prioritize your business issues and assign a value in addressing them
- Delivery of a strategic project through the initial strategy and design sessions that can deliver budgetary estimates on delivery.

WHO?

Manufacturing Assessment and Planning (MAP) Services augments your existing plant and corporate staff with experienced professionals that have a deep understanding of information, process, and controls automation. Rockwell Automation's consultants have true subject matter expertise that can accelerate your ability to identify, justify and implement value-based manufacturing projects by providing a second set of eyes and hands to help you initiate and plan your automation, information or process-related project.

Our consultants look for the issues that impact manufacturing capacity, product quality, and order delivery. Then they help you understand their impact on manufacturing capabilities, revenues, and costs. But unlike other consultants in this arena, we don't stop there. We will help engineer a Manufacturing Performance Solution that meets your specific requirements, and work with you collaboratively to implement across your entire enterprise – regionally or globally.

WHY?

In a production facility, increased visibility, tracking and control of the production process drives major opportunities for performance improvement across three categories:

Capacity – greater operational efficiencies, such as throughput, yields, and asset utilization.

Delivery – increased Supply Chain potential, e.g., available/capable/profit to promise, or fulfillment velocity and accuracy.

Quality – product quality assurance, for example enforcing GMP, SOPs, etc.

HOW TO?

Rockwell Automation's MAP services are offered in three levels of detail starting from a rapid assessment, individual solution assessments, through the initial strategy towards solving a business issue. The following is a brief description of each offering.

Assessment MAP - A one day high level assessment targeted at identifying classes of solutions to solve your current operational issues

Value MAP - A multi-week engagement that identifies and quantifies the benefit of solutions on your operational issues

Strategy MAP - An engagement that lays out the roadmap for implementing the solutions to your operational issues

The following table shows a high level description of activities for each of the three MAP offerings from Rockwell Automation, and what is included in each.

OFFERING OVERVIEW			
Activity/Deliverable	Assessment	Value	Strategy
Engagement Duration	1 Day	2 - 5 weeks	4 - 6 weeks
Operational and Business Issues	✓	✓	
Class of Solution Recommendations	✓	✓	
Plant Tour	✓	✓	✓
Detailed Interviews		✓	✓
Industry Benchmark and Best Practices Statements	✓	✓	
Estimated Business Value		✓	
ROI Estimate and Prioritization		✓	Optional
Customized Report and Presentation		✓	✓
High - level User Requirements			✓
Data and Process Flow (As - Is)			✓
Future State Process Flow			✓
Implementation Roadmap			✓
System Architecture			✓
Budgetary Project Cost Analysis			✓

For further information on these offerings see your Rockwell Automation Sales contact or go to the web at:

www.rockwellautomation.com/MAP

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846