

Real-time Process Optimization & Training Outlook

FIVE YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2015

GLOBAL ECONOMY CONTINUES TO DICTATE GROWTH

The Real-time Process Optimization and Training (RPO) market includes advanced process control (APC), on-line optimization, and dynamic simulation for training.

The global recession affected all corners of the globe and continues to be the single biggest influencing factor on growth of the RPO market. Companies are returning to the pre-recession investment patterns, albeit with more caution.

Organizations looking to reduce costs and improve profitability are focusing greater attention on efficiency improvements and their customers' needs. Quite often, this requires improving agility as well. Obviously, APC, optimization, and operator training simulators play an important role in achieving higher return on assets.

Over the years, APC has decisively demonstrated its value as a best practice by increasing throughput and improving yield, energy usage, raw material usage, product quality, safety, and responsiveness. On-line optimization provides additional benefits beyond APC to optimize processes based on an economic objective function. Operator training simulators help operators improve proficiency and avoid costly critical situations.

Solutions targeted at reducing costs and improving margins offer users a compelling value proposition even in economic downturns. RPO solutions address the very issues that are paramount in today's business climate.

For more information and price, visit us at www.arcweb.com/res/study.

STRATEGIC ISSUES

This study provides an in-depth analysis of the RPO market for process manufacturing by industry segment and geographic region. In addition, it provides insightful analysis of key issues that will impact this market in the future. Strategic issues covered include:

- How has post-recession investments in RPO changed?
- How will the economy impact key user initiatives that will drive RPO growth?
- How can suppliers increase their value proposition?
- What effect will industry consolidation have on the market?
- Which RPO functional categories are growing the fastest?
- Which industries and regions offer the greatest growth opportunities?

STUDY CONTENTS

EXECUTIVE SUMMARY

Scope
Market Size and Forecast
Strategies & Recommendations for Success

SCOPE

MARKET SHARES LIST OF FIGURES

Market Shares of the Leading Suppliers
Market Shares by Region
North America
Europe, Middle East, Africa
Asia
Latin America

Market Shares by Revenue Category

Software
Hardware

Market Shares by Application

Training & Control System Validation
On-line Optimization
Advanced Process Control

Market Shares by Industry

Cement & Glass
Chemical
Electric Power
Food & Beverage
Mining & Metals
Oil & Gas
Pharmaceutical & Biotech

Pulp & Paper
Refining
Water & Wastewater

Market Shares by Customer Tier

Tier 1
Tier 2
Tier 3

MARKET FORECAST LIST OF FIGURES

Total RPO Business
Shipments by Region
Shipments by Revenue Category

Shipments by Application
Shipments by Industry
Shipments by Tier
Shipments by Operating System
Shipments by Sales Channel

SUPPLIER PROFILES

Profiles for 23 of the major suppliers servicing the RPO market are included. Each profile reviews the company's business, products, and services as it applies to this market segment.

