

# Distributed Control Systems for Asia Market Research Study

FIVE YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2016

## ARC FORESEES THE ROBUST GROWTH OF DCS IN ASIA

This study provides an in-depth analysis of the DCS business in Asia. In addition to market analysis and forecasts, the study also covers the current market nuances, strategic issues, and the future outlook. The report also highlights the factors that influence the DCS market in Asia and its dynamics.

In 2011, ARC saw a much larger increase in revenue over 2010 than previously anticipated. The order book started improving at the end of 2009 and was quite strong throughout 2010 and the first half of 2011. Because the DCS business is primarily project based with an average nine month lag time from order book to recognized revenue, this strong order book translated into an excellent revenue year for 2011 with Asia's revenue up over 4.5 percent from 2010. With few exceptions, most suppliers showed good revenue

growth rates in 2011, many with double-digit percentage growth.

The major growth in DCS revenues continues to come from developing nations. Countries such as India and China are most noticeable in their growth. While developed nations are just holding their own (at best) in DCS investments, in developing countries, several recent trends are becoming more important for success in the DCS business.

ARC expects the top five growth industries in Asia to be oil & gas, mining & metals, cement & glass, water & wastewater, and electric power industries, in that order, with associated increases in DCS revenues. The growth of these industries is expected to be above average in the forecast period.

For more information, please visit us at [www.arcweb.com/market-studies/](http://www.arcweb.com/market-studies/)

## STUDY STRATEGIC ISSUES

Both automation suppliers and end users are continuously striving to get more value out of their automation systems. This report discusses major issues and recommends strategies that would help DCS suppliers to capture the growth opportunities that the market offers. Some key strategic issues covered in the study include:

- Global versus regional DCS suppliers
- ARC CPAS Vision: From DCS to a Collaborative Process Automation System
- Extending the scope of the MAC concept
- Opportunities for virtualization in DCS
- The increasing role of supplier-provided services
- Cyber security issues
- Impact of DCSs on asset utilization
- The impact of cloud computing
- Mobility: DCS access in the field

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Electric Power Generation  
Food & Beverage  
Mining & Metals  
Oil & Gas  
Pharmaceutical & Biotech  
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Refining  
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#### MARKET FORECAST LIST OF FIGURES

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Shipments by Industry  
Country Analysis and Opportunities

### SUPPLIER PROFILES

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

Distributed Control Systems Market in Asia

