Description:

Reverse engineering services enable operators/owners of large complex refineries and petrochemical plants to effectively and efficiently plan plant operations related to relocation, modernization, capacity enhancement and efficiency improvements. Revamping of existing plants and their infrastructure, designed and executed during pre-computer era with no as-built data documentation and optimization of business processes, is anticipated to continue pushing demand for reverse engineering services in Middle East & Africa (MEA) during the forecast period.

Developed regions such as the US and Europe have implemented stringent emission norms for regulating and curbing harmful emissions. This has resulted in upgradation of refineries and petrochemical plants to produce refined products that comply with EURO IV & EURO V norms, which has been leading to surge in demand for reverse engineering schematic design solutions in the MEA region. The region is turning out to be of immense importance for leading reverse engineering schematic design solution providers as traditional markets such as Europe and the US have matured. Consequently, almost all the major players are collaborating with domestic solution providers to capitalize on emerging growth opportunities in the region.

According to the report “Middle East & Africa Reverse Engineering Schematic Design Market By Type, By Application, By Country, Competition Forecast & Opportunities, 2011-2021”, the market for reverse engineering schematic design in Middle East & Africa is projected to grow at a CAGR of over 13% during 2016 -2021. Oil & gas dominated MEA reverse engineering and schematic design market due to hydrocarbon export based economies in the region. Also, planned CAPEX for oil & gas activities in the region is projected to trigger growth in the region's reverse engineering schematic design market in the coming years.

Government norms such as those enforced by Environment Protection Agency that regulate harmful carbon emissions is projected to boost growth in MEA reverse engineering schematic design market over the next five years. Few of the leading players offering full suite of plant designing solutions in the region include Intergraph, AVEVA, Dassault Systèmes, Autodesk, Bentley and Cadmatic, among others.

“Middle East & Africa Reverse Engineering Schematic Design Market By Type, By Application, By Country, Competition Forecast and Opportunities, 2011-2021” discusses the following aspects of reverse engineering schematic design market across the MEA region:

- Middle East & Africa Reverse Engineering Schematic Design Market Size, Share & Forecast
- Segmental Analysis - By Type (Process and Instrumentation Design (P&ID); Electrical; Civil; and Mechanical); By Application (Oil & Gas, Power, Marine and Others); and By Country (Saudi Arabia, United Arab Emirates, Algeria, Kuwait, Iran, Iraq, Morocco, Sudan, and Ghana)
- Changing Market Trends & Emerging Opportunities
- Competitive Landscape & Strategic Recommendations

Why You Should Buy This Report?

- To gain an in-depth understanding of reverse engineering schematic design market in the Middle East & Africa region
- To identify the on-going trends and anticipated growth in the next five years
- To help industry consultants, software providers, suppliers, and other stakeholders align their market-centric strategies
- To obtain research based business decisions and add weight to presentations and marketing material
- To gain competitive knowledge of leading market players
- To avail of 10% customization in the report without any extra charges and get research data or trends added in the report as per the buyer’s specific needs

Report Methodology

The information contained in this report is based upon both primary and secondary research. Primary research included interviews with reverse engineering schematic design solution providers, resellers and
industry experts. Secondary research included an exhaustive search of relevant publications like company annual reports, financial reports and proprietary databases.

Contents:

1. Solution Overview
2. Research Methodology
3. Analyst View
4. MEA Reverse Engineering Schematic Design Market Outlook
  4.1. Industry Structure & Stakeholders
  4.2. Market Size & Forecast
    4.2.1. By Value
  4.3. Market Share & Forecast
    4.3.1. By Type (P&ID, Civil, Mechanical, & Electrical)
    4.3.2. By Application (Oil & Gas, Power, Marine, & Others)
    4.3.3. By Country
    4.3.4. By Company
  4.4. MEA Reverse Engineering Schematic Design Market Attractiveness Index
    4.4.1. By Type (P&ID, Civil, Mechanical, & Electrical)
    4.4.2. By Application (Oil & Gas, Power, Marine, & Others)
    4.4.3. By Country
5. Saudi Arabia Reverse Engineering Schematic Design Market Outlook
  5.1. Market Size & Forecast
    5.1.1. By Value
  5.2. Market Share & Forecast
    5.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
    5.2.2. By Application (Oil & Gas, Power, Marine, & Others)
6. UAE Reverse Engineering Schematic Design Market Outlook
  6.1. Market Size & Forecast
    6.1.1. By Value
  6.2. Market Share & Forecast
    6.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
    6.2.2. By Application (Oil & Gas, Power, Marine, & Others)
7. Kuwait Reverse Engineering Schematic Design Market Outlook
  7.1. Market Size & Forecast
    7.1.1. By Value
  7.2. Market Share & Forecast
    7.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
    7.2.2. By Application (Oil & Gas, Power, Marine, & Others)
8. Algeria Reverse Engineering Schematic Design Market Outlook
  8.1. Market Size & Forecast
    8.1.1. By Value
  8.2. Market Share & Forecast
    8.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
    8.2.2. By Application (Oil & Gas, Power, Marine, & Others)
9. Iran Reverse Engineering Schematic Design Market Outlook
  9.1. Market Size & Forecast
    9.1.1. By Value
  9.2. Market Share & Forecast
    9.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
    9.2.2. By Application (Oil & Gas, Power, Marine, & Others)
10. Iraq Reverse Engineering Schematic Design Market Outlook
  10.1. Market Size & Forecast
    10.1.1. By Value
  10.2. Market Share & Forecast
    10.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
    10.2.2. By Application (Oil & Gas, Power, Marine, & Others)
11. Morocco Reverse Engineering Schematic Design Market Outlook
  11.1. Market Size & Forecast
    11.1.1. By Value
  11.2. Market Share & Forecast
    11.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
    11.2.2. By Application (Oil & Gas, Power, Marine, & Others)
12. Sudan Reverse Engineering Schematic Design Market Outlook
12.1. Market Size & Forecast
12.1.1. By Value
12.2. Market Share & Forecast
12.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
12.2.2. By Application (Oil & Gas, Power, Marine, & Others)
13. Ghana Reverse Engineering Schematic Design Market Outlook
13.1. Market Size & Forecast
13.1.1. By Value
13.2. Market Share & Forecast
13.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
13.2.2. By Application (Oil & Gas, Power, Marine, & Others)
14. Rest of Middle East & Africa Reverse Engineering Schematic Design Market Outlook
14.1. Market Size & Forecast
14.1.1. By Value
14.2. Market Share & Forecast
14.2.1. By Type (P&ID, Civil, Mechanical, & Electrical)
14.2.2. By Application (Oil & Gas, Power, Marine, & Others)
15. Market Dynamics
15.1. Drivers
15.2. Challenges
16. Market Trends & Developments
16.1. Cloud Offering for 3D Plant Design Solutions
16.2. Upcoming Investment in Manufacturing Sector
16.3. Growing Investment in Oil and Gas Projects
16.4. Rapid Investments in Infrastructure Projects
16.5. Revenue Generation Through Aftermarket Services
16.6. Focus on Research & Development
16.7. Downturn in Oil & Gas Industry
16.8. Growing Regulations by Government for Emission Control
17. Competitive Landscape
17.1. Competition Matrix
17.2. Company Profiles
17.2.1. Hexagon AB
17.2.2. AVEVA Group Plc
17.2.3. Dassault Systems
17.2.4. Autodesk Inc.
17.2.5. Siemens Product Lifecycle Management Software Inc.
17.2.6. Bentley
17.2.7. Cadmatic
17.2.8. ITandFactory GmbH
17.2.9. FARO Technologies
17.2.10. Aspen Technology, Inc.
18. Strategic Recommendations

List of Figures
Figure 1: MEA Reverse Engineering Schematic Design Market size, By Value, 2011 - 2021F (USD Million)
Figure 2: MEA Reverse Engineering Schematic Design Market Share & Forecast, By Type, By Value, 2015 & 2021F
Figure 3: MEA Reverse Engineering Schematic Design Market Share & Forecast, By Application, By Value, 2015 & 2021F
Figure 4: MEA Reverse Engineering Schematic Design Market Share, By Country, By Value, 2015 & 2021F
Figure 5: MEA Reverse Engineering Schematic Design Market Share & Forecast, By Company, By Value, 2015 & 2021F
Figure 6: MEA Reverse Engineering Schematic Design Market Attractiveness Index, By Type, By Value, 2015-2021F
Figure 7: MEA Reverse Engineering Schematic Design Market Attractiveness Index, By Application, By Value, 2015-2021F
Figure 8: MEA Reverse Engineering Schematic Design Market Attractiveness Index, By Country, By Value, 2015-2021F
Figure 9: Saudi Arabia Reverse Engineering Schematic Design Market Size, By Value, 2011 - 2021F (USD Million)
Figure 10: Saudi Arabia Electricity Consumption, By Sectors, By Value, 2014
Table 1: Major Companies Providing Reverse Engineering Solutions
Table 2: Industry Structure & Stakeholders of Reverse Engineering Schematic Design Market in MEA Region
Table 3: Major EPC Contracts Awarded for Refinery Expansion and Upgrade in MEA region, 2011-2015
Table 4: Major contracts awarded for reverse engineering software in Middle East region
Table 5: Major EPC Contracts Awarded in Saudi Arabia
Table 6: Major Contracts Awarded in UAE for Reverse Engineering
Table 7: UAE EPC Contractors Licensed Reverse Engineering Software
Table 8: Clean Fuel Project (Kuwait National Oil Company)
Table 9: Projects Planned and Underway in Kuwait, By Sector, By Value, As of 2015 (USD Million)
Table 10: Major Oil & Gas Projects Awarded in Kuwait, By Sector, By Value, As of May 2016 (USD Billion)
Table 11: Kuwait Major Refinery/Petrochemical Plants, By Capacity, As of 2015
Table 12: Top-spending EPC Clients in Iraq, 2008-2013 (USD Million)
Table 13: Key projects Currently Being Undertaken in Ghana
Table 14: Key projects awarded in Rest of MEA
Table 15: Middle East Major Upcoming Refinery Projects, By Country, By Estimated Cost, By Completion Date
Table 16: Projects Planned and Underway in GCC Countries, As of 2015 (USD Million)
Table 17: Competition Matrix- MEA Reverse Engineering Schematic Design Matrix

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3984044/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Middle East & Africa Reverse Engineering Schematic Design Market By Type, By Application, By Country, Competition Forecast & Opportunities, 2011-2021
Web Address: http://www.researchandmarkets.com/reports/3984044/
Office Code: SC2GZ4RV

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Single User</th>
<th>USD 3500</th>
<th>CD-ROM - Enterprisewide</th>
<th>USD 4000 + USD 56 Shipping/Handling</th>
<th>Hard Copy - Enterprisewide</th>
<th>USD 4500 + USD 56 Shipping/Handling</th>
<th>Electronic (PDF) - Enterprisewide</th>
<th>USD 8000</th>
</tr>
</thead>
</table>

* Shipping/Handling is only charged once per order.

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: __________________________________________ Last Name: __________________________________________
Email Address: * __________________________________________
Job Title: __________________________________________
Organisation: __________________________________________
Address: __________________________________________
City: __________________________________________
Postal / Zip Code: __________________________________________
Country: __________________________________________
Phone Number: __________________________________________
Fax Number: __________________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card:

You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check:

Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer:

Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: 

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World