Reliability solutions capture and analyze historical and real-time operational and asset data to improve asset performance, reduce costs, and facilitate mission-critical decision-making in core business operations. Reliability solutions enable manufacturers to consistently achieve higher levels of operational efficiency and safety by balancing costs and risk to optimize safety and benefits. Reliability services are consulting engagements designed to help owner-operators redesign work and people processes consistent with the software.

Digital technologies can augment reliability and other asset performance management (APM) functions to an unprecedented degree. Computing resources in the Cloud and at the network edge as well as artificial intelligence (AI), digital twins, and augmented reality are changing how people work.

A maintenance strategy defines the rules for the sequence of planned maintenance work. In the real world, manufacturing sites utilize a mix of reactive (run to failure), preventive (time based), and predictive maintenance (PdM) strategies depending on asset type and its criticality to the ability to produce product. Industrial Internet of Things (IIoT) will enable an even higher order of maintenance for complex assets that requires advanced skills to diagnose issues.

The benefits of maintenance strategy optimization include extending asset life, reducing asset failures and downtime, minimizing repair costs, and improving health and safety.

For more information, please visit us at www.arcweb.com/market-studies/.

**RESEARCH FOCUS AREAS**

- Strategic Analysis
  - Major Trends
  - Regional and Industry Trends
  - Strategic Recommendations

- Competitive Analysis
  - 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 Revenues
    - Service Revenues
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  - Market Shares by Service Type
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    - Aerospace & Defense
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    - Food & Beverage
    - Metals
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  - Pharmaceutical & Biotech
  - Pulp & Paper
  - Refining
  - Transportation & Logistics
  - Water & Wastewater

- Market Forecasts
  - Total Asset Reliability Software & Services Business

**Worldwide Asset Reliability Software & Services Market**

- Shipments by Region
- Shipments by Revenue Category
- Shipments by Software Deployment
- Shipments by Service Type
- Shipments by Industry
- Shipments by Reliability Methodology
- Shipments by Sales Channel

**Industry Participants**

The research identifies all relevant suppliers serving this market.