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Application Portfolio Rationalization Offering (TCS – APROff)

Manufacturing

Acute cost pressures and mounting competition from low-cost players are key challenges that manufacturing companies face despite having enterprise-scale IT. The footprint for the manufacturing applications is becoming more and more complex due to the challenges translated from the demanding customer asking for more and more product variants in shorter time-to-market. The manufacturing process is being challenged to be standardized, harmonized and enhanced to sustain the pressures of these changes. Additionally, analysts say that maintenance and support activities consume 70%-80% of the IT budgets of large businesses. Infusing value into businesses through mergers and acquisitions no doubt improves productivity, efficiency and sales. However, this also leaves a legacy of disparate, redundant, under-utilized or obsolete IT applications and a complex technology landscape.

To derive maximum value from IT, businesses need to simplify operations and improve efficiencies across their organizations by retiring, re-engineering, consolidating or migrating applications and restructuring their IT enterprise architectures. It is necessary for the manufacturing process to be enhanced by leveraging the application portfolio rationalization. Tata Consultancy Services' (TCS') Application Portfolio Rationalization offering (APROff), an ANSI/ISA-95, or ISA-95 benchmarked application portfolio rationalization framework, is tailored to meet your business needs. TCS' APROff analyzes your IT organization and allows you to take informed decisions.

Overview

The TCS APROff analyzes the manufacturing IT application landscape and identifies applications which are redundant, under-utilized or lacking the intended functional coverage.

We take an inventory of the IT applications supporting the manufacturing operations. The application analysis is carried out in four stages – gap analysis against ISA 95, application profiling, application value analysis, and roadmap development. It uses ISA 95 standard as a reference to ensure completeness of the application portfolio that supports manufacturing operations.

TCS APROff determines the degree of fitment of the applications with the core requirements of your business. TCS APROff recommends which application to retire, re-engineer, migrate or retain. Finally, TCS defines an application rationalization roadmap in the context of your organization's vision and business priorities and the benefits projected over time.

Benefits

Ensure completeness of system coverage in plant floor

The application landscape is benchmarked with industry standard like ISA 95 which covers all the activities in a manufacturing plant floor. This assessment ensures a comprehensive technology enablement roadmap for your manufacturing plant operations.

Lower Total Cost of Ownership (TCO)

Let APROff help you reduce your IT budget by cutting the maintenance and support costs of your IT organization, which account for 70%-80% of your IT payouts.

Improve operational efficiency and productivity

Eliminating redundant IT applications and standardizing your application portfolio with APROff will speed up user transactions, raise employee productivity and enable you to spend less on user training and on documentation. This will impact both shop-floor and non-manufacturing functions.

Streamline governance and compliance

Leverage the consolidation and restructuring provided by APROff to simplify all your governance processes and lower the effort invested in IT standards compliance.

Achieve higher IT efficiency

Raise IT utilization levels and asset performance, with APROff, which allows you to re-use your IT systems across functions and business units. Identify areas to which IT system support can be extended or provided.

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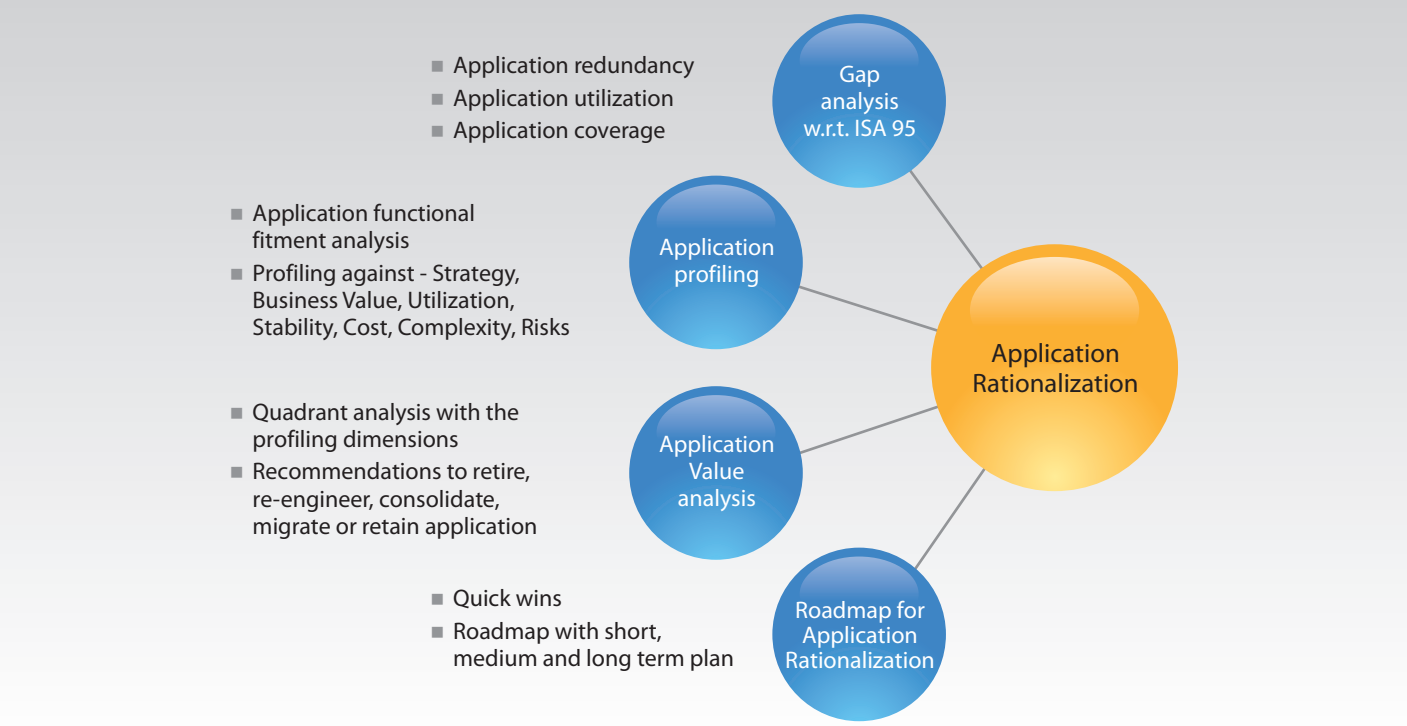

TCS' APROff methodology

The TCS Advantage

Our APROff framework matches the requirements of ISA-95, the international standard for the integration of enterprise and control systems in manufacturing companies.

The improvement opportunities that APROff identifies and recommends are holistic and comprehensive in nature and ensure complete solution coverage.

Developed primarily for manufacturing shop floor applications, the design of APROff includes strategic and operational benefits for the other services of your organization.

The recommendations APROff makes are supported by rigorous data analysis carried out as part of the framework's methodology. Our manufacturing consultants provide rich domain expertise and IT experience to create tailored solutions for you.

Contact

To know more about TCS' Application Portfolio Rationalization offering (APROff), contact ***manufacturing.solutions@tcs.com***

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering and assurance services. This is delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. A part of the Tata Group, India's largest industrial conglomerate, TCS has a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

For more information, visit us at **www.tcs.com**

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