

IT Infrastructure Assessment

Ensuring a safe, productive and up-to-date IT environment



Your IT Environment in Safe Hands

Most IT infrastructures are unable to perform the functions they were installed for, simply because they are not configured correctly, or they have become outdated. Even if your business focuses its talent on managing and maintaining the IT environment, you will not benefit, purely because the network is too constrained by its issues.

Our IT Infrastructure Management and Process specialists put you ahead – ensuring your IT environment is safe, productive, and up to date. When you engage with KPIT Cummins, you can be assured that your entire IT environment is scanned for Effectiveness, Efficiency, Security and Compliance. Productivity drains, security loop holes, non compliances, and non alignment with business requirements are identified and remedied. Our snapshot compares your network to industry standard architecture, pinpointing risks and productivity gaps, while providing you with solutions that fix these issues before they become costly to your business.

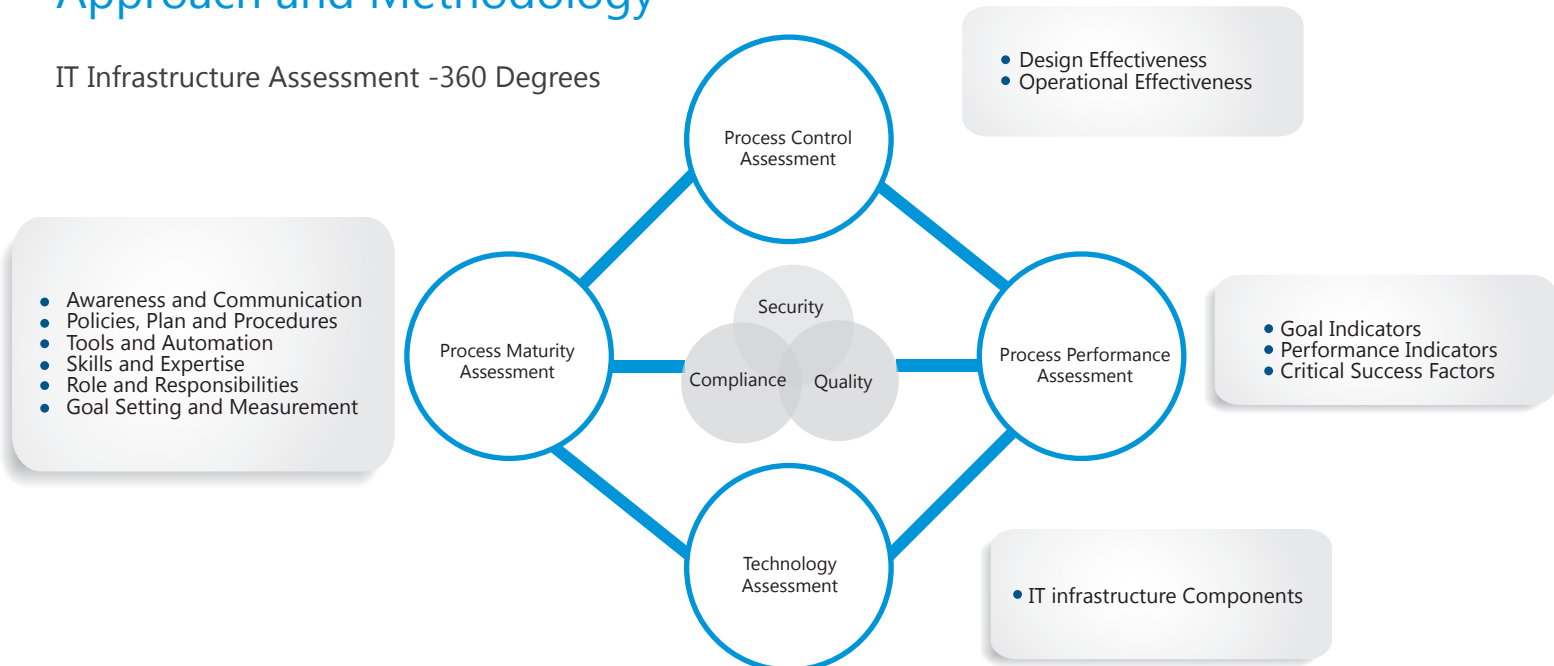
We help you prioritize your budget, by labeling these recommendations as either 'critical to business safety or efficiency', or 'important, but not critical'. With our IT audit, you can identify gaps, and repair problems before they constrain your operations. We help you bring your technology up to a standard that can be managed and maintained correctly. This way, your technology is not only refined, it is manageable, considered, and tailored to your needs.

The KPIT advantage:

- Flexible engagement models
- Perfect blend of Technology and Process assessors with strong professional qualifications like CISA, COBIT foundation certified, ISO 2000 Lead auditors and ISO 27001 lead auditors4
- Assessment is based on Global IT process and Control framework – COBIT

Approach and Methodology

IT Infrastructure Assessment -360 Degrees



Assessment Methodology – ISACA Standards

Scope of Process Control Assessment:

- Risk assessment for identified / baseline COBIT processes for IT Infrastructure operations and identification of Key controls
- Assessment of Design of Control including policy, procedures, guidelines, technology standards, SOPs etc towards achievement of Control Objectives
- Control testing of Operational effectiveness of Controls using Control Practices of COBIT
- Report on overall IT Infrastructure process assessment is presented along with critical risks and audit findings with recommendations.

Scope of Process Performance Assessment:

- Performance requirement is formalized for identified IT Infrastructure operational processes. This is based on the interaction with Process owners, IT Infrastructure project managers and sponsored understanding of Key Goal Indicators (Lead Indicators), Key Performance Indicators (Lag Indicators) and Critical Success Factors
- Analysis of current results of infrastructure performance based on identified performance requirement
- Report is prepared based on variance of planned and actual performance of IT infrastructure based on Key Goal Indicators and Key Performance Indicators.

Scope of Process Maturity Assessment:

- Understanding of Maturity Matrix is documented based on the interaction with Process owners, IT Infrastructure project managers
- In-scope processes are assessed and benchmarked against management Maturity Matrix, based on the guidelines of COBIT process maturity assessment,
- Process wise maturity status report is prepared and presented.

Scope of Technology Component Assessment:

- Operating System versions and security/bug patching
- Listing of all hardware, mapping their depreciation schedules and lifespan
- Analysis of environmental conditions for equipment, including heat and power protection
- Network design analysis and a network diagram, with a view to improve support response times
- Report on the performance of hardware in all PC-based equipment
- Report on server hardware appropriateness, performance, levels of redundancy and any associated risks
- Analysis of Microsoft Server configuration
- Security Analysis on multiple levels

Delivering maximum value to your business

KPIT is a specialist partner for IT consulting and product engineering solutions and services to global Automotive & Transportation, Manufacturing and Energy & Utilities corporations. Trusted by over 180+ long standing customers for domain expertise, industry experience and commitment to quality, KPIT leverages its technology and process expertise to provide best in class, comprehensive solutions helping customers stay competitive in the marketplace.

- Leading IT consulting, product engineering and technology solutions partner to global corporations specializing in Automotive & Transportation, Manufacturing and Energy & Utilities
- Delivering business transformational products, consulting and services, enabling profitable growth for customers
- Co-creating high-value, high-impact solutions leveraging deep-seated innovation culture

8 innovation awards

50+ patents

\$410M+

annual revenues

8300+

employees

info@kpit.com

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