



On Demand Legacy Assessments

The 1st step toward remediation and modernization



Compelled to do more with less, IT managers are reevaluating their maintenance costs, legacy application lifecycles and using modernization to get more out of precious IT resources.

In so doing, managers are finding ways to evolve and modernize legacy technology, rather than completely replace existing systems. The goal is to meet business needs and service levels while reducing the total cost of operation.

To accomplish this, companies are using business and technical assessments conducted by eCube Systems. These assessments evaluate older systems based on business goals and technical capabilities.

The evolution of strategic enterprise applications starts with the assessment process. The results and deliverables of the assessment are then used to drive the remediation and modernization phases.

eCube Systems is a legacy middleware company and IBM Business Partner whose offerings can mend, extend and modernize strategic legacy applications.

eCube enables companies to lower the total cost of ownership by making it cost effective to modernize and/or keep legacy applications in service longer, with lower risk and greater reliability.

HIGHLIGHTS

- *Define solutions for your most pressing legacy system issues – both business and technical*
- *Be confident in the level of confidence you can have in your legacy assets*
- *Document application and architecture with powerful meta-model representation*
- *Determine if redeployment of proven functionality in modern architectures is viable*
- *Determine if consolidation and phased evolution can meet your business needs*
- *Rather than basing decisions on technical expediency, focus on business value*
- *Assess the impact and benefits of complete modernization*
- *Proof of Concepts provide lower risk and clarify options*



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Assessments, the 1st step toward remediation and modernization

Assessment: the Key to Legacy Modernization

If you plan to maintain, improve, migrate, transform or otherwise modify existing information systems, it's essential to understand those systems. eCube offers three types of generic assessments that will shed light on your system's needs.

Executive Assessment:

Executive Assessments provide IT managers with the analysis, tools and procedures that enable them to address complex legacy issues head-on. With Evolution Services, IT managers can determine what best serves the company's goals.

Business Goals: The key to the entire Executive Assessment is identifying the true business goals and initiatives that should guide IT actions and the decision-making process.

IT Actions: With business goals clearly identified and prioritized, IT actions for individual applications are determined. Actions include: 1) Consolidation and improved operational maintenance; 2) Integration, consolidation, and improved operational maintenance; 3) Selective evolution, integration, consolidation, and improved operational maintenance, 4) Immediate and complete legacy modernization.

Deliverables: At its conclusion, eCube will deliver an Executive Assessment Summary document, propose next steps and a simple proof of concept solution, if applicable. Executive Assessment Summary documents commonly include the following:

1. Business Analysis
 - What type of risk does the firm face?
 - Technological (change, status quo, market shifts)
 - Operational (costs, efficiency, flexibility)
 - Competitive (where does the firm stand relative to competition)
 - What are the primary goals and key business initiatives that drive business decisions?
2. Technology Analysis
 - Current strengths and weaknesses
 - Technology and architectural options
 - IT and corporate core competencies
 - Alignment with primary business goals and key business initiatives
 - Potential benefits of improvements and reaching (and aligning with) business goals
3. Cost Benefit Analysis with return on investment (ROI) modeling
4. Recommendation

Duration: 1-10 days

Cost: Fixed, one day minimum



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Case Analysis:

In cases where a quick solution is needed, eCube typically conducts a Case Analysis. The Case Analysis is used to define a technical issue, its scope and complexity, and to immediately propose solutions. This information is delivered in a Case Analysis Summary document. Case Analysis can be delivered on site or remotely, if access is available.

In some cases, where there is a simple solution, changes can be implemented immediately within the scope of the Case Analysis. If it is more complex, we can arrange to begin work on the systems remediation as soon as the Case Analysis is completed and there is sign-off on the proposed solutions.

Deliverables: At its conclusion, eCube will deliver a Case Analysis Summary document, propose next steps, and a simple Proof of Concept solution, if applicable.

Duration: 1-3 days

Cost: Fixed, one day minimum

Application/Enterprise Assurance Assessment:

eCube employs a standards-based methodology for assessing software assurance to assess whether a software system is meeting its security and business goals. This top-down, six stage approach uses claims and arguments to drive goal-aligned assessments, which provides evidence to identify best practices and improvement opportunities in both the development process and the application itself. This process is an efficient and effective way to establish whether your company can depend on this legacy application and its development process.

Application and Enterprise Assurance Assessments rely on a tool-enabled, analyst-driven examination of business goals, systems and related artifacts, along with discussions with subject matter experts. Assessments support large applications or enterprise projects for a variety of scenarios, including full-scale replacement, package deployment, platform or language migration, remediation, integration, consolidation and small, localized enhancements.

Application and architecture representations can be captured and stored in an industry standard meta-model (KDM) for analysis and used as the basis for future remediation and modernization.

Deliverables: At its conclusion, eCube will have delivered an Application/Enterprise Assessment document, knowledge transfer, Cost Benefit Analysis with return on investment (ROI) modeling and proposed options for next steps.

Duration: 5-10 days

Cost: Fixed

Why Conduct an Assessment?

Properly aligning business needs with the allocation of technical resources is a significant challenge to CIOs and senior technology managers. The challenge is to innovate and deliver high returns on IT investment while maintaining existing operational service levels. Adding to this complexity are shrinking budgets, unexpected requirements and the long-term fate and state of legacy systems.

eCube brings a wealth of experience to the assessment process, insuring that you take the actions that are best suited to your organization's goals. The resulting deliverables align business needs with legacy systems life cycle management in an actionable business blueprint. Whether your goal is to lower costs or improve operations, this blueprint will identify capabilities that legacy systems should have and contribute in order to meet your business goals -- as well as help you decide if eCube is the right firm to help you get there.

eCube Systems

eCube Systems offers a family of legacy evolution products and services that maximizes return on technology investment by leveraging existing technical equity to meet evolving business needs. Fortune 1000 companies turn to eCube Systems to reduce risk, extend ROI, and increase productivity as they consolidate legacy capabilities and evolve legacy systems to contemporary service oriented technology platforms, such as the SOA-based Enterprise Service Bus, advance messaging solutions and contemporary Web services.

eCube's offerings make possible the immediate interoperability with and phased transformation to contemporary platforms such as XML, SOAP, J2EE, .NET, for users of COBOL, RPG, OS400, IMS, VMS, MVS, COOLGen, Entera, DCE, EZ-RPC and many others.

For more information

Contact eCube Systems at ev-sales@ecubesystems.com or 866-493-4224.



eCube Systems
Enabling Enterprise Evolution

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