

Architecture Design

An architecture is the framework that brings order into the otherwise chaotic world of information technology. The benefits can be significant, including lower costs, improved inter-operability and easier system maintenance.

The cost-savings of designing an architecture that identifies components that produce results quickly, and serves as a foundation on which to build, can bring significant return on investment (ROI).

Focusing on technology standardization and efficiencies, skills leverage, the potential for the retirement of aging and high-cost systems and platforms, the reduction of technical risk and complexity, are all benefits.

Architecture design is a mix of Art and Science. The Art comes from extracting your business requirements. The Science is translating them into technology solutions.

M9 Systems offers you both the Art and the Science in a step-by-step process that transforms your business requirements into a real-world, production-ready architecture. One that supports new and legacy applications. We consider business culture issues as well as business drivers. We assess the levels of standardization and business discipline and do not let the architecture design effort set unrealistic goals.

We will look at any proposed architecture in terms of:

- Most appropriate architectural fit**
- Lowest Total Cost of Ownership**
- Best ROI**
- Greatest flexibility**
- Quickest time to market**
- Range of functionality**
- Industry standards compatibility**

Architectural Illusion #1
Confusing an architecture with a "buy list" of approved products.
(META Group, November 2003)

Encompassing any component of:

- **Data Architecture**
Organization of sources and stores of business information.
- **Application Architecture**
A framework for building applications that guides the overall implementation of business functionality.
- **Technology Architecture**
The computing infrastructure, both hardware and software, that enables the data and application architectures.
- **Support Architecture**
The software components and organizational functions required to effectively manage the technology investment.

With business increasingly dependent on IT for management information and process execution, IT architecture becomes a critical success factor for agility and survival in an uncertain world. From **Documentation** and **Assessment** to **Optimization**, **Strategy Development** and architecture design, M9 Systems is your complete IT Solutions provider to position you for success.

