

Approach Paper

Bank on Binary Mantra

(An EAI Primer for Banks and Financial Institutions)

One of the foremost challenges for any forward looking Bank is to reconfigure its business processes through seamless integration of disparate applications such that customer service and productivity witness a measurable boost.

Easier said than done!!!

Binary Mantra's track record in this area has now made our solution a productized offering. The Bank could be any player in the Corporate, Retail and Investment Banking services typically operating through a network of branches, service centers, ATMs and Point-of-Sale systems.

|| Key Challenge ||

There can never be a bigger challenge than serving the customer through a single point of contact for multiple services that result in customer delight.

Typically, banks invite a whole range of technological challenges as they grow over the years – the most common situation being an assortment of disparate applications across the organization - legacy systems, databases, tailored applications, business software, and Business Intelligence tools. These never seem to comply with each another.

Add to that, the diversity in the Bank's various channels such as IVR, ATM, Mini-branches and Credit Cards that swear by different formats and standards. This again means no inter-communication and transactions in real-time.

Banks are giant and complex systems

|| The Need ||

The need of hour is a robust middleware solution that facilitates communication between delivery channels and product processors and

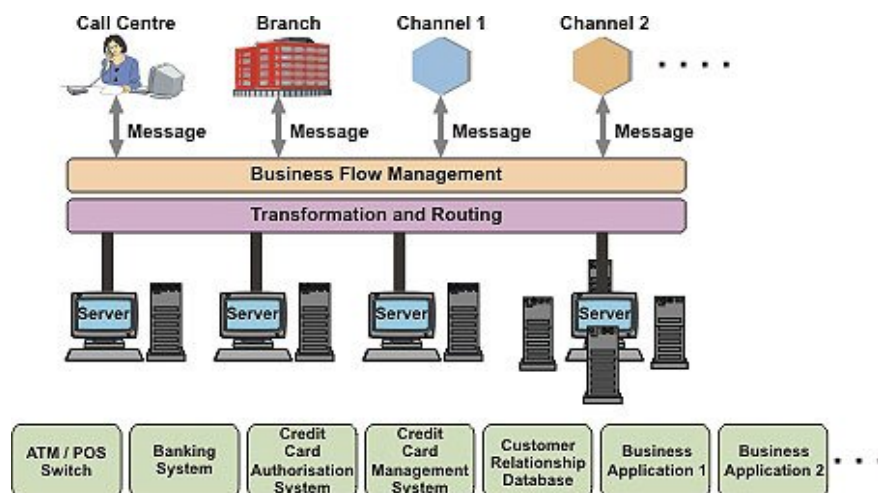
- Supports strategic plans,
- Enhances business processes,
- Minimizes delivery and acquisition costs

|| Solution ||

For the EAI solution to act as single point of communication between channels and product processors, the middleware program has to interface with all systems using TCP/IP sockets.

The solution architecture encompasses:

- Solution based on XML format for Message Communication
- Design's component based architecture to enable quick integration of new channels or new services
- Facility to generate MIS reports from comprehensive tracing of messages at various levels
- Capability to enable products not XML enabled by using product specific adapters
- Ability to provide IP based security and scaling with growth in business



EAI Solution Architecture

|| Project management ||

To ensure the lowest cost of ownership and measurable business value, project development is done offshore, at Binary Mantra's global development center in Pune, where our teams of analysts prepare the SRS and construct a high level UML design. RAD ensures project development and deployment within the defined framework of time and effort.

|| Measurable Business Value ||

- Prompt communication between various components
- Seamless Integration of disparate systems
- Flexibility to Modify Product lines
- Reduced Time to Market of new Channels
- Efficient and optimized business processes

Binary Mantra Systems is an Indian software development organization specializing in Microsoft.NET technologies. The company serves client in the areas of Business Process Management, Enterprise Application Integration, Customized Application Development, and IT Consulting. The company develops solutions to deliver measurable business value. The founding partners come from diverse spheres of technical, project management, sales & marketing and human resource development to offer tailored application frameworks and end-to-end business solutions. The diverse acumen spread across disparate functional areas spells our competitive edge. Visit www.binarymantrasystems.com for details.