Most businesses activities involve multiple applications and information sources, so incompatibilities between these systems can cause delays and errors that prevent companies from achieving real-time business. The key to increasing operational efficiency and maximizing the individual value of these systems is ensuring that they can communicate and interact in real-time.

TIBCO’s Enterprise Application Integration (EAI) solutions leverage technologies such as Java, Web Services, and TIBCO’s own high-performance messaging software to break down barriers between incompatible and distributed applications and databases. TIBCO EAI solutions dynamically transform and intelligently route messages and documents so they get to the right place, at the right time, and in the right format.

The Right Tool for the Job, Every Time
TIBCO EAI solutions include a wide variety of technologies for every integration scenario. In addition to its own implementation of Java Message Service (JMS) and support for Web Services, TIBCO provides an innovative and trusted messaging software. TIBCO EAI solutions enable synchronous and asynchronous communications using publish/subscribe, request/reply, broadcast and multicast communications, and a wide range of delivery verification and encryption options.

Integration of Other Technologies
TIBCO realizes that legacy methods of integration will continue to exist either because they meet current business needs or because they are difficult to replace. TIBCO EAI solutions provide interfaces for exchanging information with leading technologies such as COM, CORBA, MQSeries, CICS, and IMS, and with implementations of JMS from other vendors.
Management of Business Processes
TIBCO EAI solutions enable the automation of end-to-end business processes by coordinating sequences of tasks and the resources (both systems and people) that perform them. TIBCO EAI solutions also support sophisticated exception management and the dynamic modification of processes even when processes are underway.

Rapid Addition and Modification of Systems
TIBCO EAI solutions increase the flexibility of networks using a unique architecture that connects each application to the integration platform through a single point of contact called an adapter. Any application or system connected to the integration platform is automatically connected to every other connected application or system.

No-coding Approach to Integration
Adapters enable the integration of applications using a simple configuration GUI instead of by hard-coding connections. In addition to packaged adapters for most leading applications and information sources, TIBCO EAI solutions provide a software development kit that lets companies create adapters for legacy and custom applications and information sources.

Intelligent Routing of Information
TIBCO EAI solutions route information by subject name as opposed to addressing it to recipient applications or individuals. New applications can instantly begin publishing and receiving information to communicate with the other applications and systems in the enterprise. Information can also be dynamically routed based on content.

Automatic Data Transformation
TIBCO EAI solutions automatically transform information as it moves across the network — resolving incompatibilities so each system can send and receive information in its native format. TIBCO EAI solutions support a wide range of input/output options including HTTP, FTP, SMTP, database and flat files, XML and SWIFT, and any data format using Java-based plug-ins.