EAI ONE's design / architecture meets the challenge of inter-application integration.

It was designed to have real business flexibility, visibility, reusability, and real-time response to the increasing speed of change in market dynamics—those are the objectives for which Integration is simply the means. **EAI ONE** is a customer-centric solution that solves the complex multi-application integration problem within and across the enterprise in a highly cost-effective way, while defining applications once and using it by interfaces.
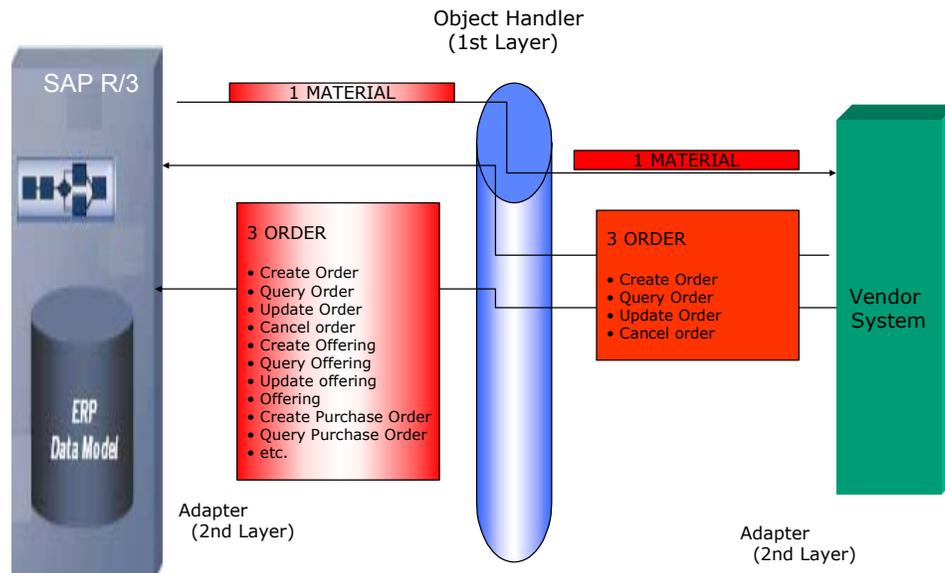
In essence, **EAI ONE** takes a vendor-neutral, standards-based approach to the design of objects and methods to have unique-application business processes covered by standard objects. The unique characteristics and methods for the transfer of business objects are encapsulated by protocols (methods) to access the vendor applications. Dividing the **Char**acteristics and **M**ethods and **E**vents of a vendor application, each application can be defined as a set of unique objects, representing the business process data, the fundamentals of Object-Oriented Design (**CHAR.M.E !)**

These business processes are application-independent and are therefore separately deployable across a diverse set of applications. The result is a vendor-independent solution that dramatically reduces the need for customization, minimizes complexity, speeds deployment, and delivers a low total cost of ownership.

Using **EAI ONE**, applications are defined by common/unique objects to cover either proprietary architectures, or best-in-class application functionality for a proprietary, single-vendor solution.

Having two layers, any actual or future technology discussion is eliminated, because of the technology layer which protects the business processes (controlled by the 2nd **EAI ONE** layer) and finally the interfaces.

EAI ONE gives organizations choice, flexibility, scalability, and visibility, while at the same time reducing cost, complexity, and time to deploy.

EAIONE's Handling of Simple Vendor Processes

Object Handler
(1st Layer)

SAP R/3

1 MATERIAL

1 MATERIAL

3 ORDER
- Create Order
- Query Order
- Update Order
- Cancel order
- Create Offering
- Query Offering
- Update offering
- Offering
- Create Purchase Order
- Query Purchase Order
- etc.

3 ORDER
- Create Order
- Query Order
- Update Order
- Cancel order

Vendor
System

ERP
Data Model

Adapter
(2nd Layer)

Adapter
(2nd Layer)

Each vendor solution presents it's own capability of processes (methods) based on common business objects.
Therefore EAI ONE is independent of technology and processes (it is true O.O.)

What does Gartner say ?

"As enterprises are moving beyond point-to-point integration approaches to more enterprise-spanning integration strategies, packaged application vendors are recognizing that merely providing a laundry list of APIs and adapters is no longer sufficient. The next generation of packaged application integration will be based on integration broker and Web Service technology and be governed by enterprise-spanning process models that extend well beyond the traditional definitional boundaries of any single package or suite."

—Jeff Comport
Vice President and Research Fellow