

# eDapter

## EDAPTER FOR ORACLE ERP - PLUG N PLAY INTEGRATION

Trinity eDapters create a real-time, publish-and-subscribe network. On the publishing side, eDapters take native proprietary transactions and convert them to generic business events using configurable business rules. The eDapters that reside on the subscribing side interpret these generic business events for the receiving systems.

### Smart Translation

The eDapter is intelligent. It knows which modules to talk to within Oracle's ERP package, including the Oracle Shop Floor Management (OSFM) module. Moreover, the eDapter can be user-configured for a variety of business processes.

### Languages

- PL/SQL

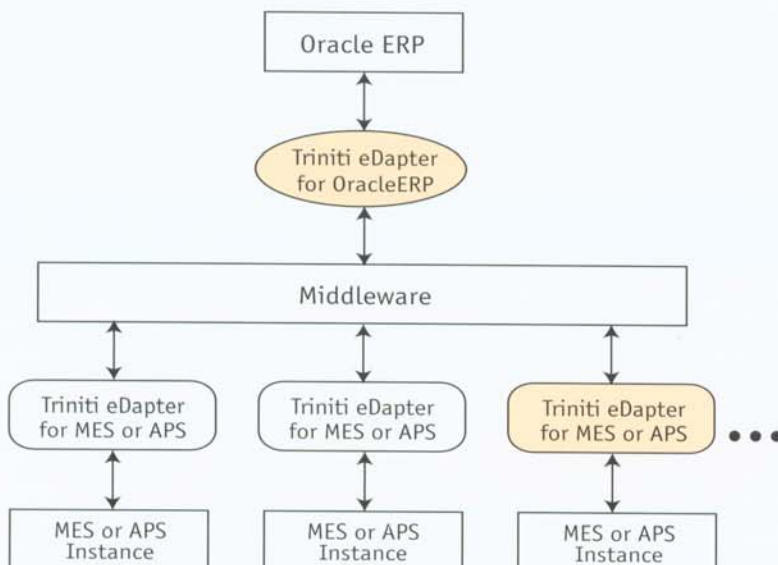
### Middleware

- TIBCO Rendezvous, BEA Tuxedo, Trinity Bus
- Architecture supports middleware-independence

### Real-time Transaction Capabilities

- Provides accurate up-to-the-minute WIP and inventory information
- Provides flexible mapping of items/products and bill of material routing (Oracle ERP → MES)
- Supports multiple routings (MES → Oracle ERP)
- Supports Lot/WIP transactions (MES → Oracle ERP)
- Sends actual resource usage at each step rather than planned intervals
- Optionally corrects errors (auto-recover)
- Handles rework lots
- Handles alternate routes
- Allows substitute components
- Provides user-definable attributes
- Identifies and sends parametric data
- Manages and automates inter-factory shipments (optional)

### How the eDapter Works



Trinity  
Architects of the Virtual Enterprise

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