The MASYC Group, Inc.

MASYC Middleware Solution
SOA-based integration with EnterpriseOne

ORACLE SALES CLOUD ← **MMS** — **MASYC Middleware Solution** → **ORACLE JD EDWARDS ENTERPRISEONE**

The **MASYC Middleware Solution** addresses the challenge of integrating third party solutions with EnterpriseOne. This solution is:

- Designed with current technology *(Java/XML/SOA)*
- Managed in EnterpriseOne
- A Scalable, light-weight integration
- Has a robust solution for error handling & recovery

This solution was designed as a tightly integrated solution for EnterpriseOne. The architecture based on a loosely coupled integration that is business process driven. This integration provides visibility for management of transactions. As a real time integration, accommodating bi-directional creation, modification, or deletion of data between third party systems and EnterpriseOne. Once configured, integration is **automated**. No sub-processes need to be started manually, such as Business Functions or Universal Batch Engine (UBE) reports.
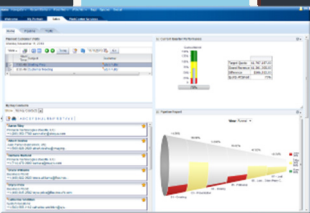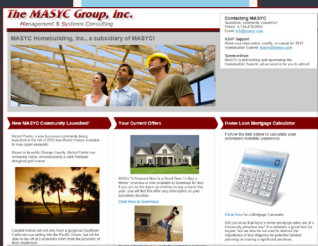
The **MASYC Middleware Solution** provides an easy to use Workbench which manages scheduling, services, events and transactions. The Workbench is implemented using the EnterpriseOne toolset and has the same look and feel like other EnterpriseOne applications. Schedules for different services can easily be changed depend on their usages. Service endpoints can be added, removed or deactivated on the fly. Integration events generated from within EnterpriseOne for different interfaces can be viewed in a clear and concise way. Transactions are captured and presented in a user-friendly manner in order to show health of the system, and the Workbench has extensive error recovery features.

The MASYC Middleware Solution adheres to the Service Oriented Architecture (SOA) principles to maximize interoperability with different technologies and systems. It uses latest industry technologies and languages such as Java, XML, REST, JSON along with JD Edwards EnterpriseOne toolset for scalability, robustness, modularity and reusability.

Utilizing EnterpriseOne technology, this integration provides a solution that is not dependent on any additional third-party software. It is light-weight, real-time and yet individual integrations can be flexibly scheduled to run every few minutes or in a nightly run.

Events start by using EnterpriseOne triggers and can be setup to fire off instantly. For example when a purchase order is created an event is triggered and sent to Hyphen so a supplier can be assign to the task.

The EnterpriseOne Integration Workbench provides a familiar access to track and analyze integration failures. This workbench is used to configure and schedule integration processes allowing the flexibility for the user to regulate the integration flow.
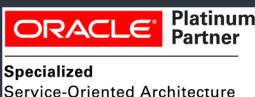
Solutions For HomeBuilder Management

MASYC Developed Solutions

MASYC Middleware Solution
Continued

Integration Workbench

Critical information *(a sample is shown above)* is available for all MASYC Middleware Solution integrations of EnterpriseOne, such as Oracle's CRM On Demand, Hyphen as well as your company website.

MMS Features

- Web Service Based
- Service Oriented Architecture
- Pre-Defined Transitions
- SOA Based Orchestration
- EnterpriseOne based Event Triggers
- Integration Workbench
- Automated, Transparent Service
- Instant Real-Time Transactions
- Utilizes EnterpriseOne Security
- Transaction Based: Error Handling, Recovery & Reprocessing

MMS Integrations

- Foundation
- Oracle Sales Cloud
- Web Sites
- BDX
- JDE Warranty 360
- Hyphen Solutions

TECHNICAL SUPPORT

MASYC consultants have years of experience working with EnterpriseOne and configuring it to meet our clients unique requirements. MASYC has a development organization to provide technical support for our solutions. The MASYC team is focused on EnterpriseOne and the HomeBuilder, Construction and Engineering industries.

Understanding your Implementation

As an Oracle Platinum Business Partner, *The MASYC Group, Inc.* provides complete project management and facilitation for upgrades, new implementations and post-project support.

MAINTENANCE

Our software solutions are constantly improving with input from our customers. New features we implement are available to all MASYC clients that are currently on maintenance.

CareOne Support Plans

The MASYC Group, Inc. provides several technical support plans each with a spectrum of services from basic administrative services to software upgrade reviews.

For more information on any of our products or services please visit us on the Web at:

WWW.MASYC.COM

ORACLE Platinum Partner

The MASYC Group, Inc.
220 North Tustin Avenue
Santa Ana, California 92705
(714) 479-0900
chad@masyc.com