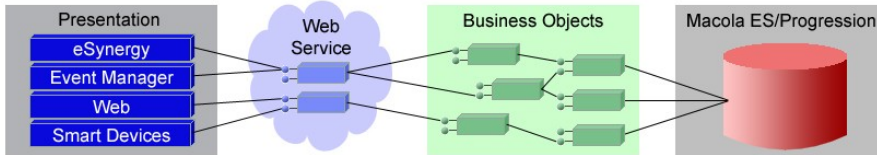


SOA - Service Oriented Architecture

What is SOA?

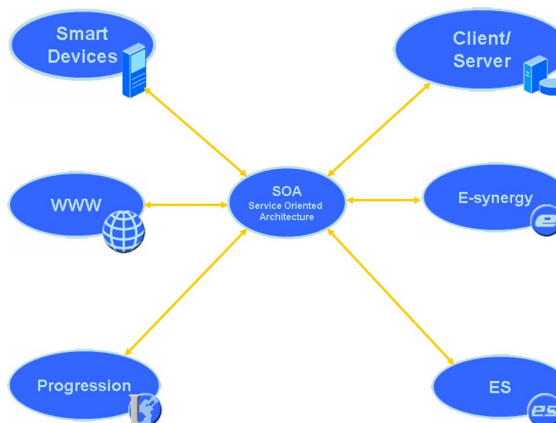
Service Oriented Architecture (SOA) simply gives you the ability to rapidly deploy new business processes based on current Macola functionality. SOA starts with services, which are groups of software components that carry out business transactions, for example, entering a sales order or producing a POP order. Therefore, you could essentially chain multiple Macola functions together in any way you want to create a different business process.



How can SOA help you?

The industry is moving to component based ERP and soon Customers will come to expect a much higher level of total systems integration for better Process Management. With WiSys SOA, it is possible to rethink systems integration and process flows for Macola installations for both Progression and Macola ES. The Web Services business object library provides the tools for connecting systems, information, and devices. Integration can be developed throughout Microsoft products, providing the capability to build, deploy, manage, and use connected solutions. WiSys SOA Web Services can be utilized from both COM based as well as .Net based development environments. This means that business automation can be created using tools as simple as VBA in any office application. Outlook can be used as a process based transactional engine by just using VB Macros. For example upon saving a contact you could create a customer or prospect in Macola. Or you could write a macro to scan the inbox for Excel Spread sheets containing orders and directly import the orders. Many customers today are maintaining their own custom web sites and are moving to .Net. With WiSys SOA they could manage orders and customers directly using Web Services. Trying to use Screen Designer and Flexibility to manage a Macola transaction screen can become overwhelming, limiting, costly and unreliable. Using either VB .Net or even VB 6, new flexible screens could be developed with direct transaction integration. For example, develop a simple Order Entry Screen.

Wisys products such as Pocket ES WMS are built on the WiSys SOA architecture. As these products are added to an installation, the SOA architecture becomes available for developing integrated solutions. The SOA architecture can also be purchased separately for development of customer or industry specific composite applications.



Supported Objects

Inventory (IM)

- Issues
- Receipts
- Transfers
- Add Items

Order Entry (OE)

- Order Create
- POP Pull
- SF Pull
- Captured Bills
- Customer Create
- Confirm Bill/Pick/Ship
- Advance to Invoice

Purchase Order (PO)

- Create
- Release
- Print
- Receiving

Production Order (POP)

- Create
- Release
- Production
- Substitute Items
- Add Items
- POP Backfill

Shop Floor (SFC)

- Material Issue
- Material Return
- Report Operations
- Report Production
- Scrap
- Reject