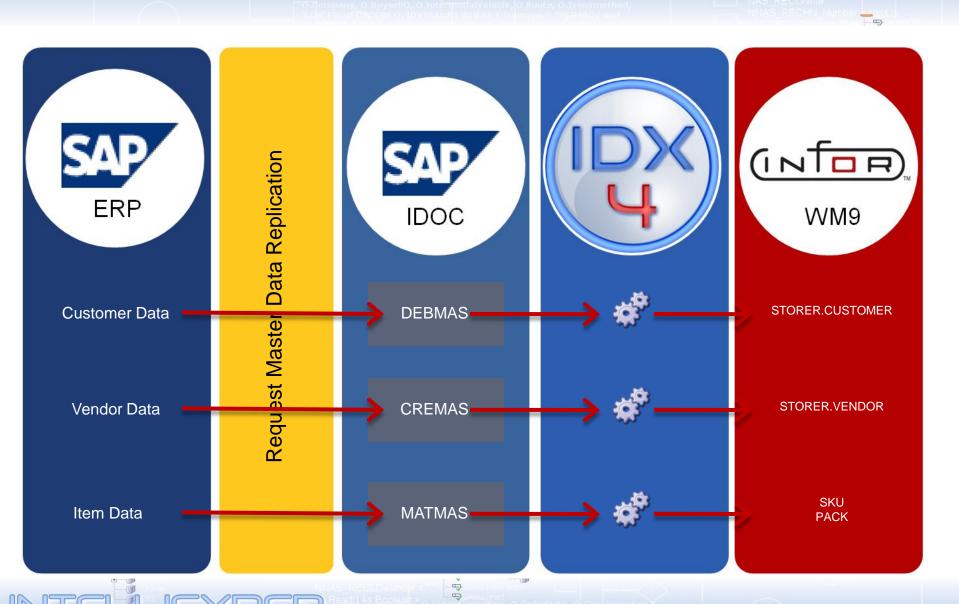
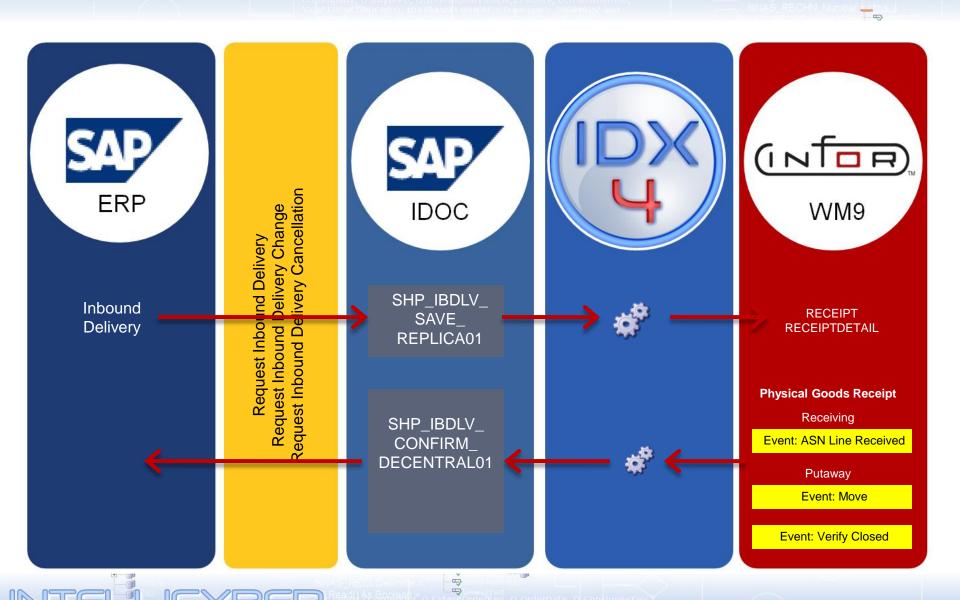
SAP Use Case Scenarios

- SAP Integration with External WMS (WM9) using IDX4
 - Case 1 Master Data Replication
 - Case 2 Inbound Delivery Processing
 - Case 3 Outbound Delivery Processing
 - Case 4 Goods Movement Processing for Stock Category Transfers

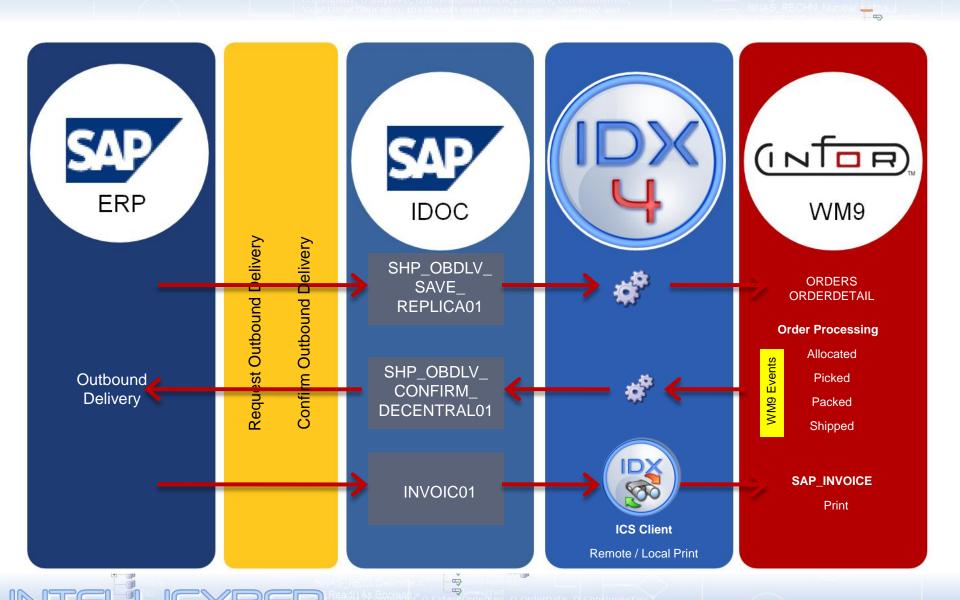
Use Case 1: Master Data Replication



Use Case 2: Inbound Delivery Processing



Use Case 3: Outbound Delivery Processing



Use Case 4: Goods Movement Processing

for Stock Category Transfers



Post Goods Movement



MBR_CREATE_ GOODS_ **MOVEMENT**

Goods Movement Goods Movement

Create Cancel





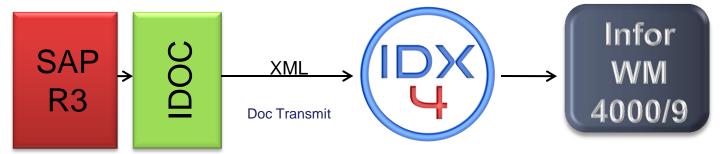
HoldByLot RemoveHoldbyLot HoldReceivedToHoldLoc

•Holdbyld, etc

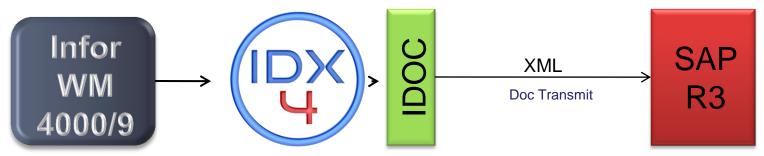


SAP integration – IDOC approach

- This solution is by far the most common and simplest method for interfacing SAP
 - -Use IDX Adaptor to define IDOCS and WMS mapping
 - -Define interface rules (i.e. Lookups, resolutions, etc)
- SAP R3 to Infor WM 4000/9



Infor WM 4000/9 to SAP R3







IDX4 Support for SAP

- RFC Adaptor
- IDOCS
 - Automated metadata connection and mapping
 - Brings down each IDOC level properties (e.g. description, release version, etc)
 - Control Segments and Data Segments can be

automatically created

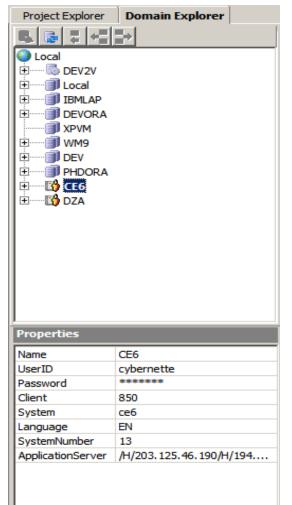
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TRANSMITFLAG			■ SNDPRT				⊕ B ORDERS01	
ADDDATE			■ 9\DP8\t				SOIn	- 1
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■ ORDERKEY			= RCVPRT				⊕ DESADV01	
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E310W.TRANSMITLOGs.ORDERSs.ORDERDET/		ú	SOPIDO1.IDOCs.E1VPOLHs.E1VPOLIs	CHARG				
E310W.TRANSMETLOGs.ORDERSs.ORDERDETA		ú	SDPIIDO1.IDOCs.E1WP0LHs.E1WP0LIs	CRPCS				
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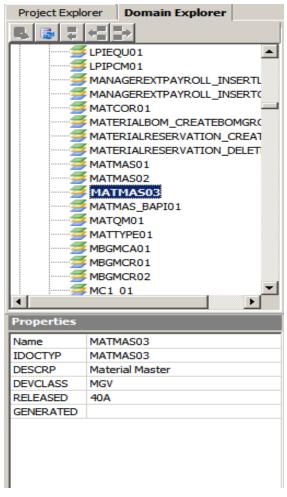


IDX4 Support for SAP – Example Process

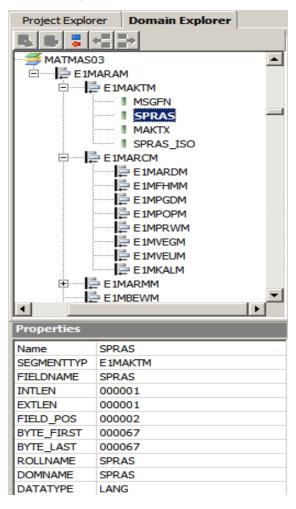
Connect to SAP R3 System



Extract Available IDOCS

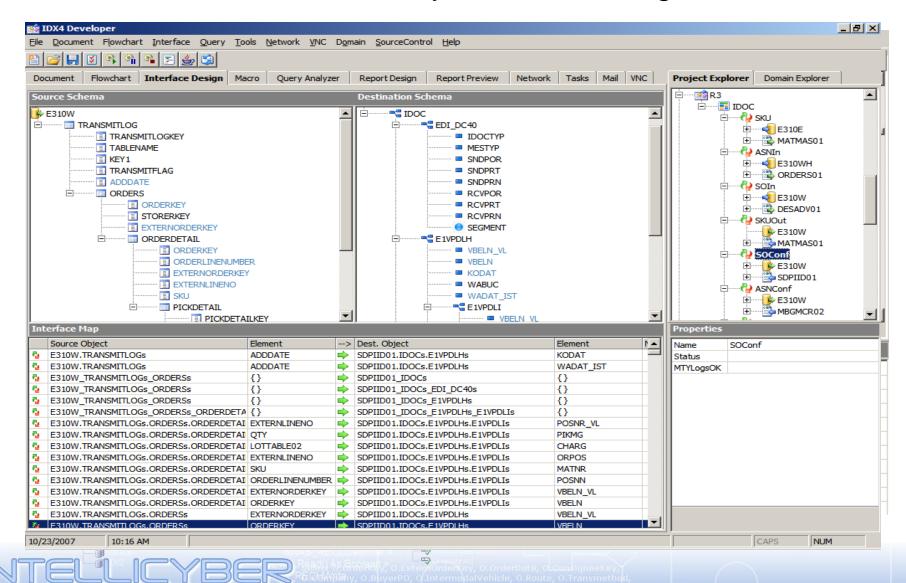


Display IDOCS segment and hierarchy



IDX4 Support for SAP — Example Process

Use IDOCS into any interface configuration



IDX4 Support for SAP – Example Process

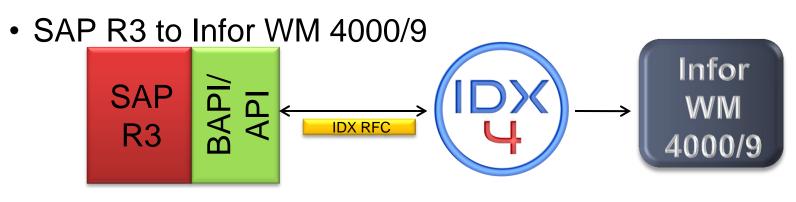
Interface creates IDOC

```
SPIID0120071011151453.XML - Notepad
                                                                    File Edit Format View Help
<?xml version="1.0" standalone="no"?>
<SDPIID01>
        <IDOC BEGIN="1">
                <EDI DC40 SEGMENT="1">
                        <IDOCTYP>SDPIID01</IDOCTYP>
                        <MESTYP>SDPICK</MESTYP>
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                        <SNDPRT>LS</SNDPRT>
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                                <ORPOS>000010</ORPOS>
                        </EIVPDLI>
                </EIVPDLH>
        </IDOC>
</SDPIID01>
```



SAP integration - RFC approach

- This solution is used when companies...
 - -Want real time movement of data
 - · Want to reduce latency
 - Have systems more closely synchronised
- IDX SAP adaptor mechanism, connects to internal SAP API's and BAPI's



• Infor WM 4000/9 to SAP R3

Infor WM
4000/9

IDXRFC

IDXRFC

SAP
R3