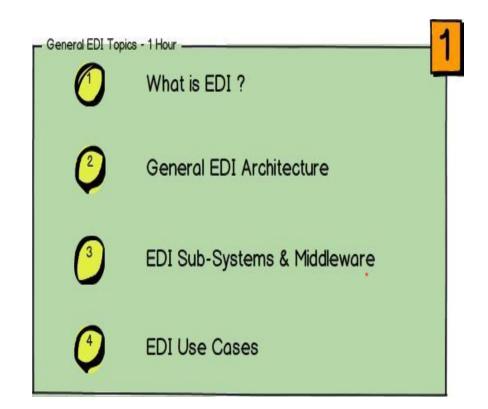
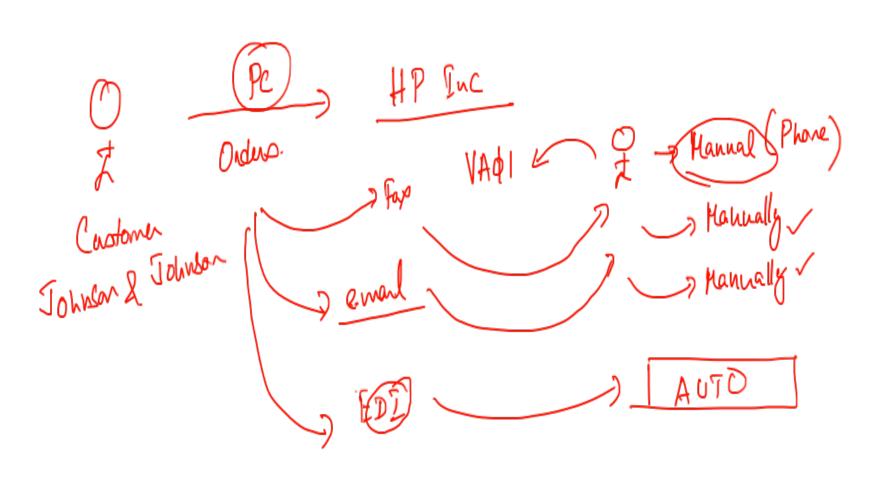
General EDI Topics



What is EDI?

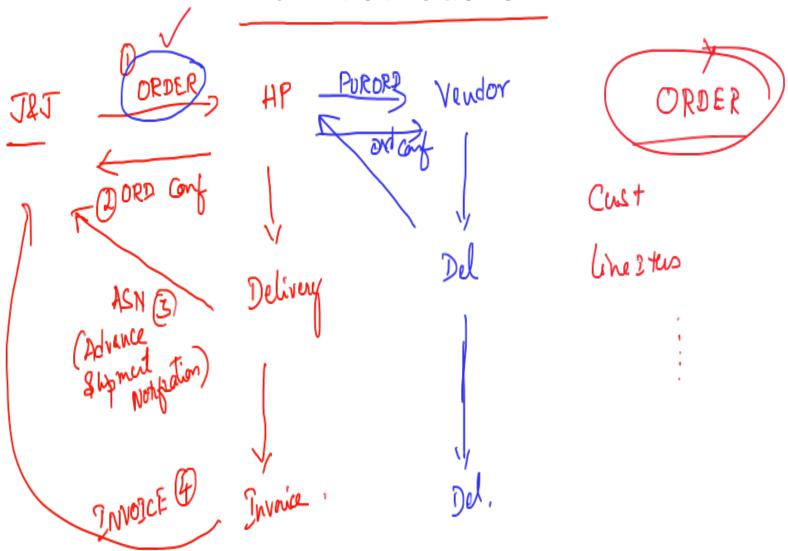
Electronic Data Partendange.



General EDI Architecture

EDI Subsystems & Middleware

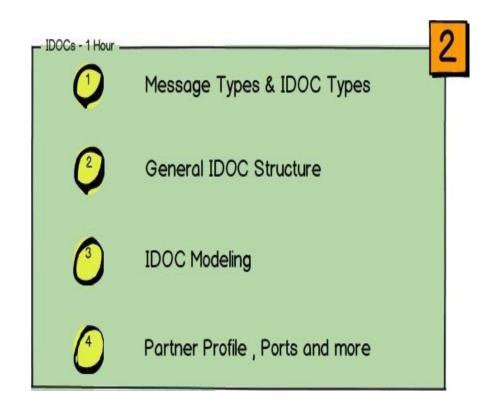
EDI Use Cases



e-mail (Standard) Key Sales EDJ Processes JEDIFACT (FU & ROW)

ANSE X-12 gnad Key SD EDI Message Types Company Order Delivery Billing 7 FDEFACT ANSI ORDERS / DESADV RD04 ORDRSP BA01 INVOIC

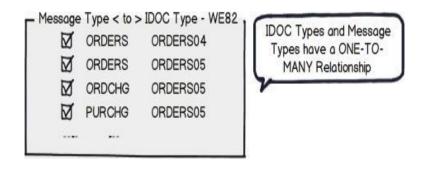


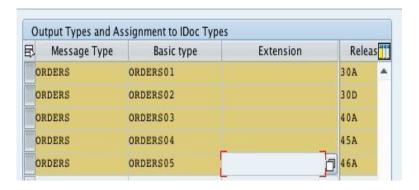


Message Types & IDOC Types

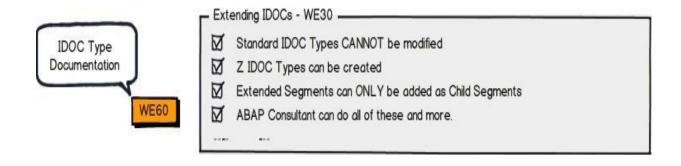
General IDOC Structure - IDOC Structure - WE30 -Control Record -RECEIVER MESSAGE TYPE Segment ORDERS05 CURCY **ZTERM** BELNR E1EDK01 Each Element in the Segment has E1EDK14 QUALF ORGID a fixed length NAME1 NAME2 STRAS ORT01 TELF1 LAND1 POSEX PSTYP MENGE DATUM ORGID BELNR Status Records Passed to Port OK Ready for Dispatch

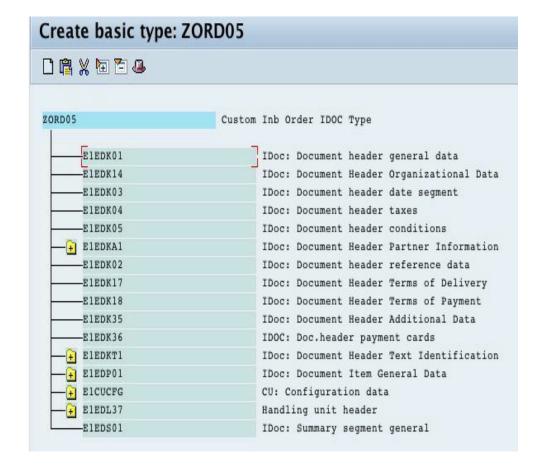
IDOC Type to Message Type Mapping



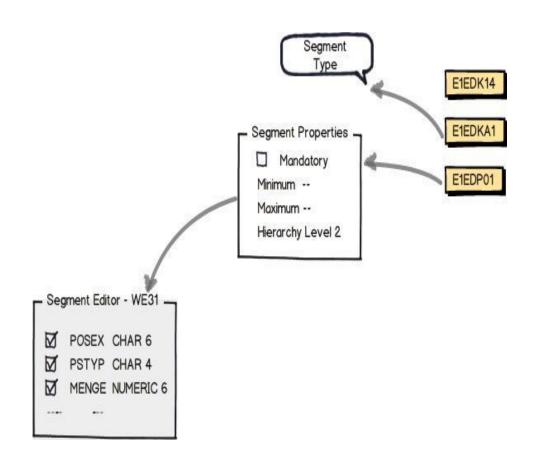


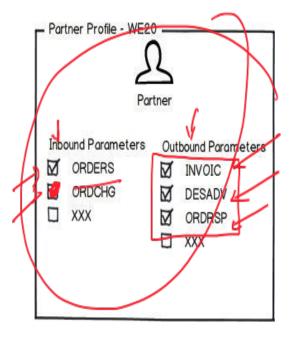
IDOC Modeling

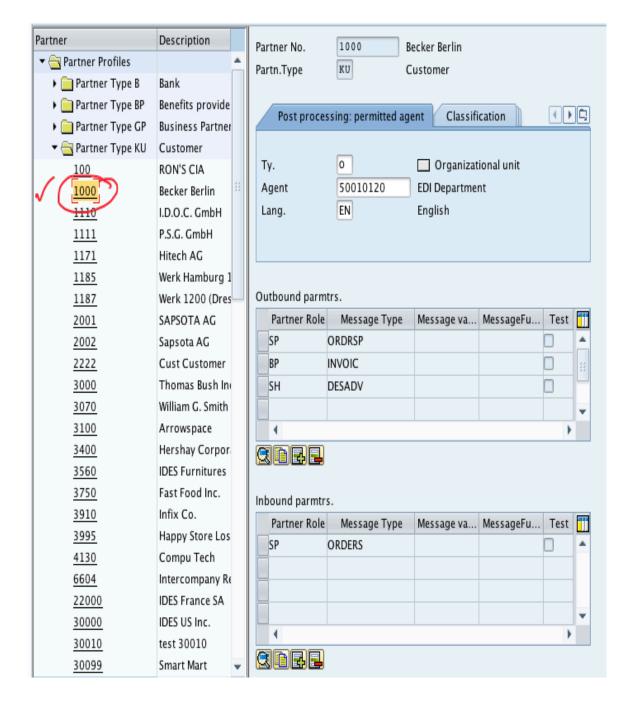


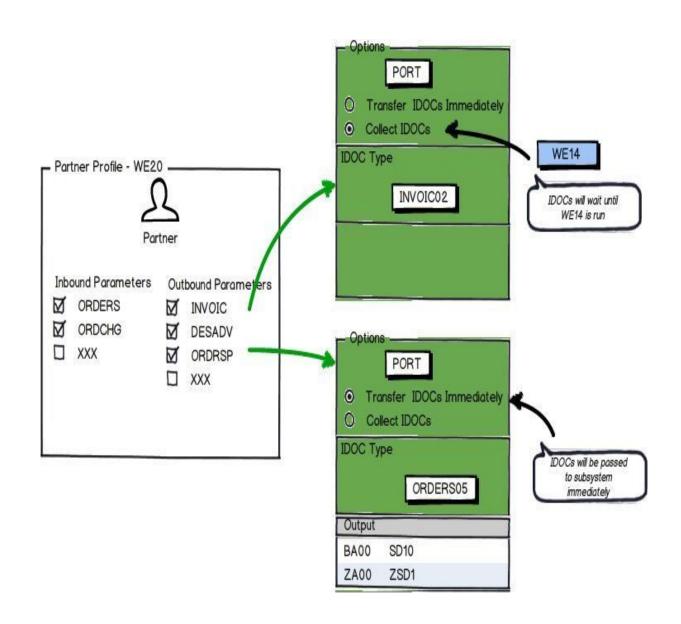


Segment Editor



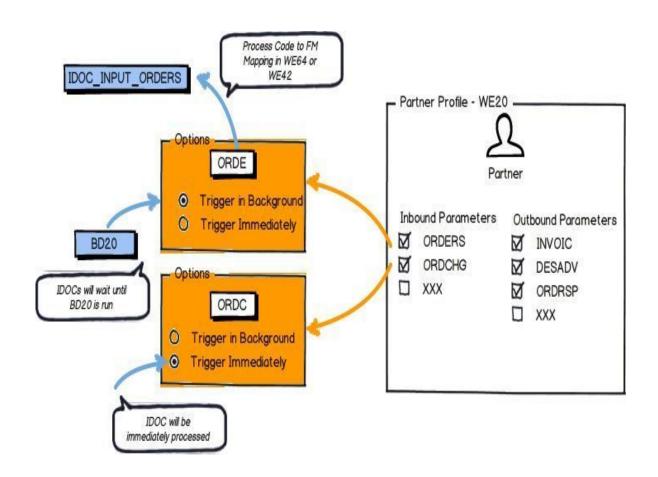




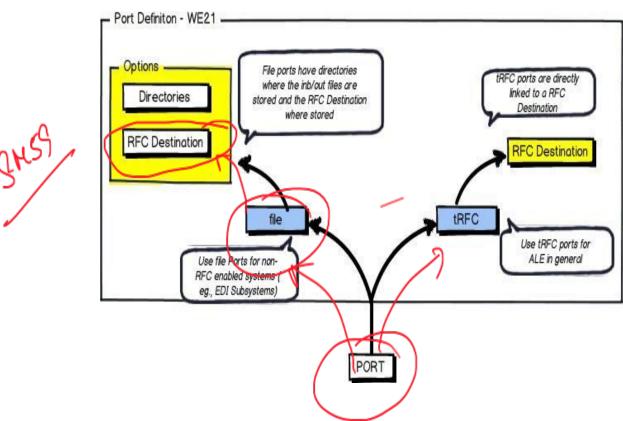


rtner No.	1000	Becker Berlin		
rtn.Type	KU	Customer		
rtner Role	SP	Sold-to party		
Message Type	ORDRSP		Purchase order / order confi	rmatio
essage code				
essage function		Test		
Outbound Options	Message Control	Post Processing	g: Permitted Agent	1
eceiver port	SUBSYSTEM	File	Port für ein EDI-Subsystem v	ia Dat
Output Mode				
OTransfer IDoc Immed.	0:	Start subsystem	Output Mode	4
 ○ Collect IDocs 	•	Do not start subsysten	n	
IDoc Type				
Basic type	ORDERS05		Purchasing/Sales	
			i	
Extension				
Extension View			ī l	
	er Syntax Error			

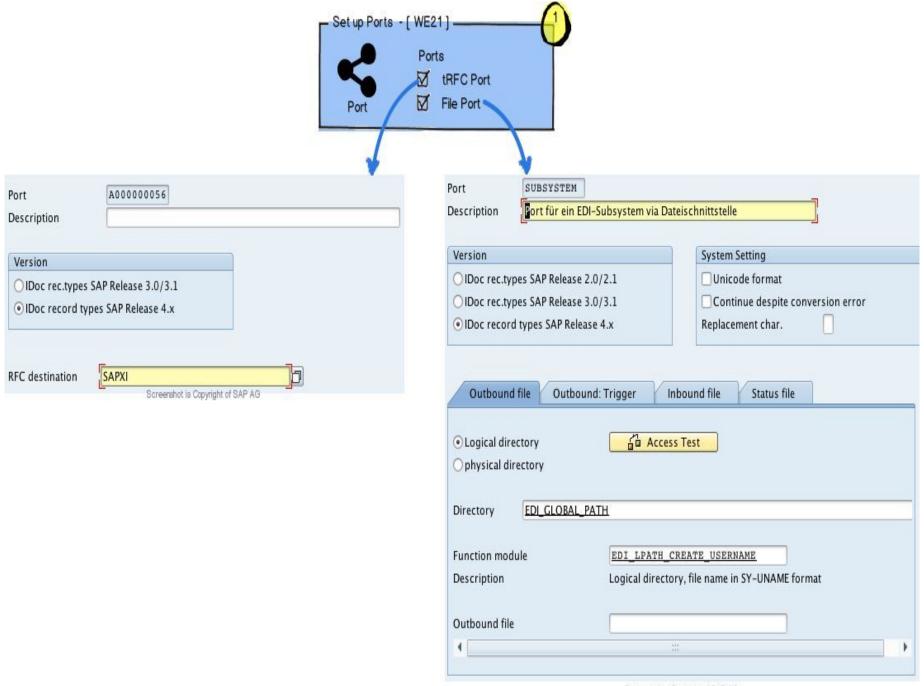
Partner No. Partn.Type Partner Role	1000 KU SP	Becker Berlin Customer Sold-to party		
虽 Message Type Message code Message function	ORDRSP	Test	Purchase order	/ order confirmation
Outbound Opti	ons Message C	ontrol Post Proces	sing: Permitted Agent	() C
Application: Message Type: Process Code:		s DI Order Response IRDRSP: Sales order confi	rmation	
Application v1	Message type	Process code	e Change	<u> </u>



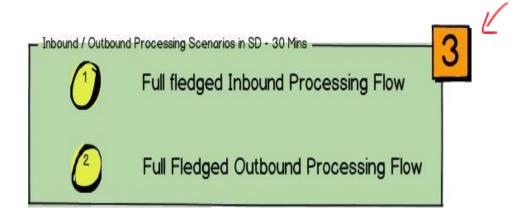
Port

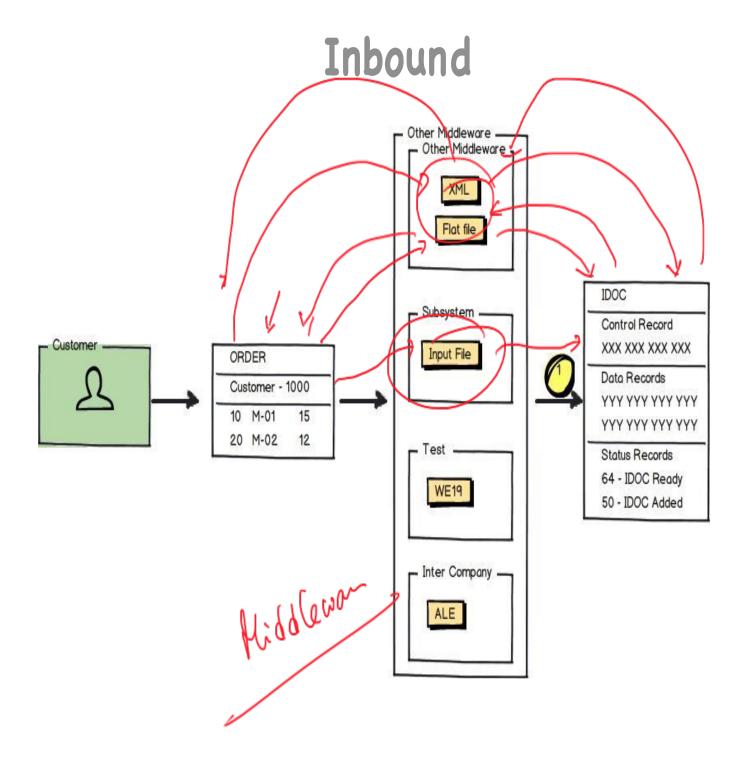


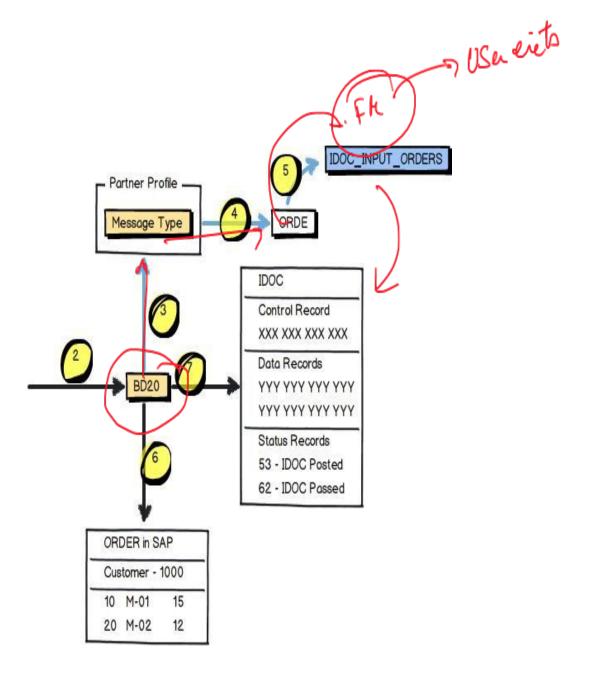
,

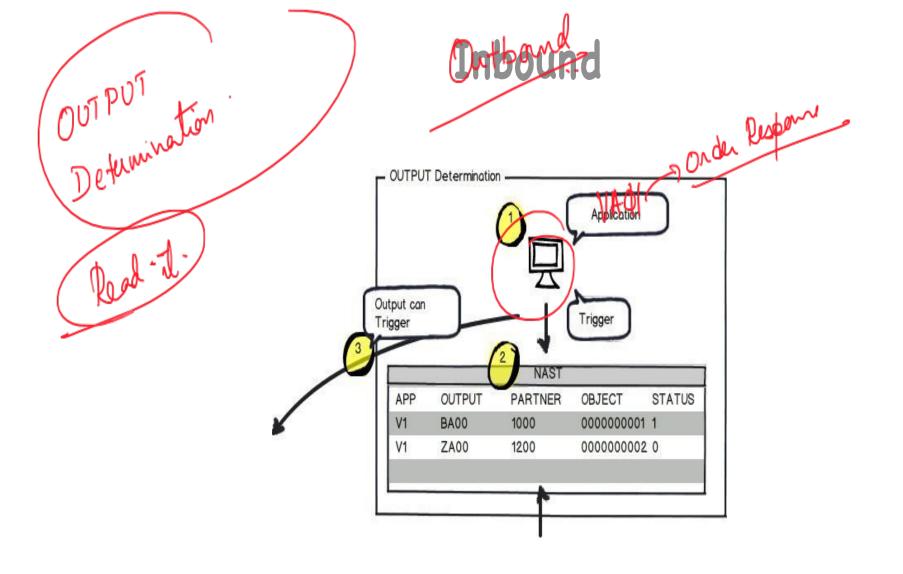


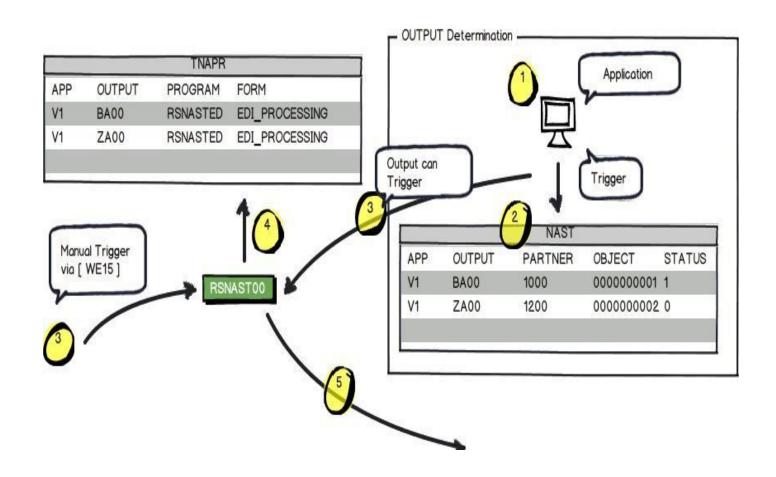
Inbound / Outbound Processing Scenarios in SD

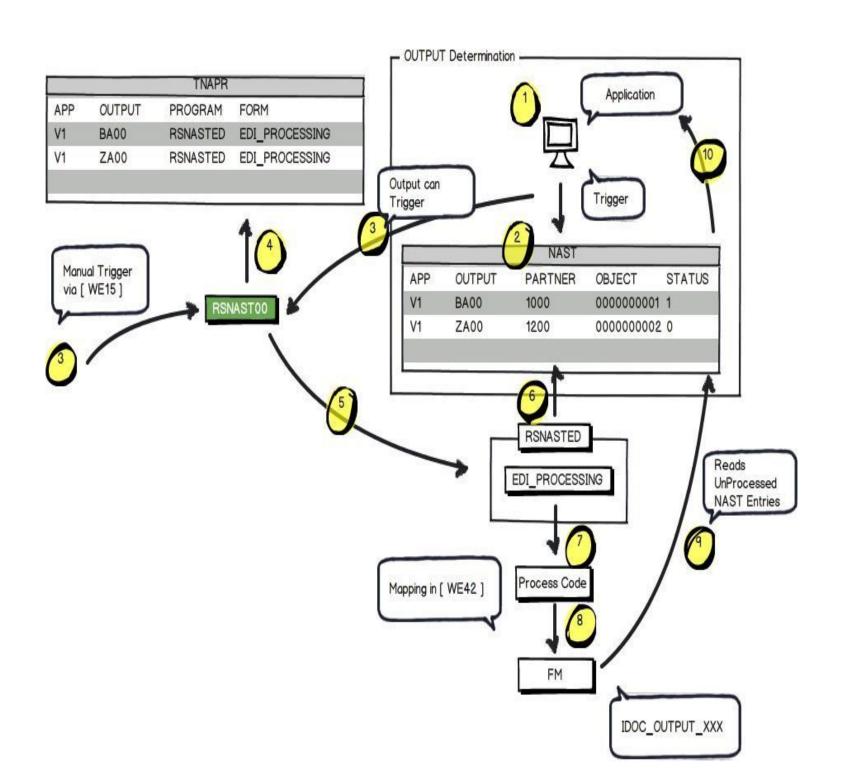


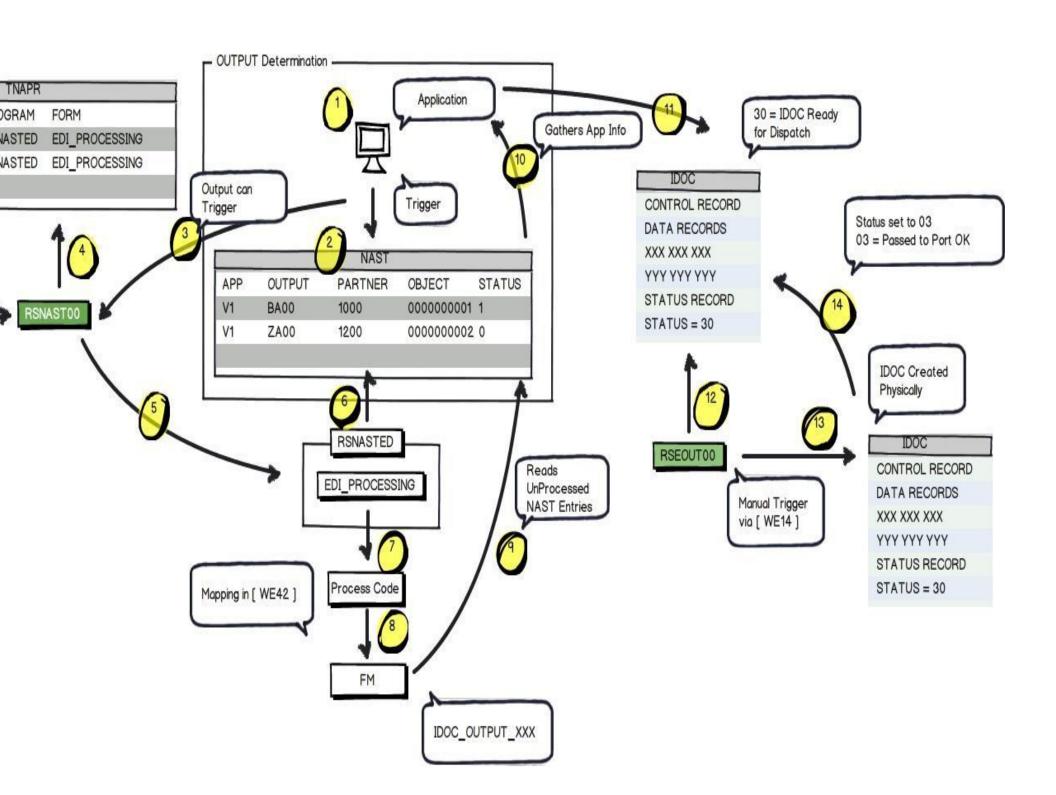




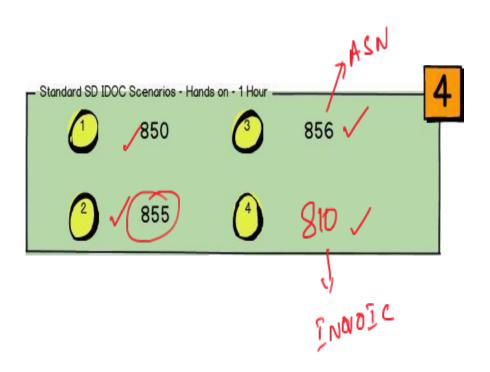




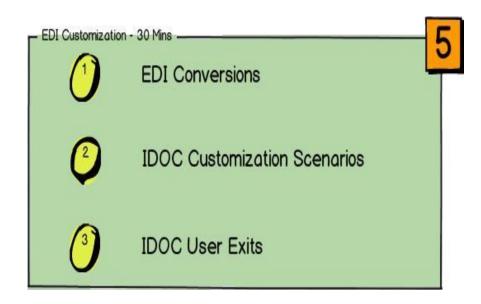




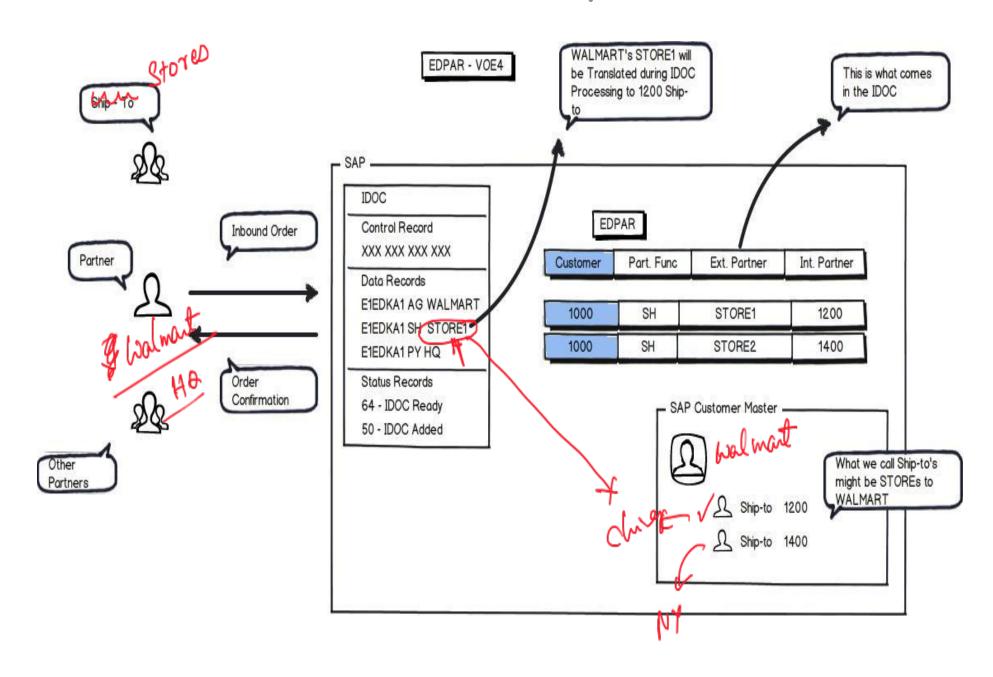
Standard SD EDI Scenarios - Hands On

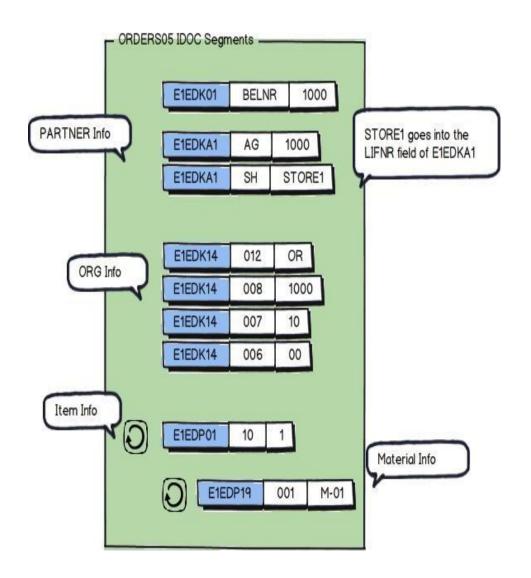


EDI Customization



EDI Conversion Example





IDOC Customization Scenarios

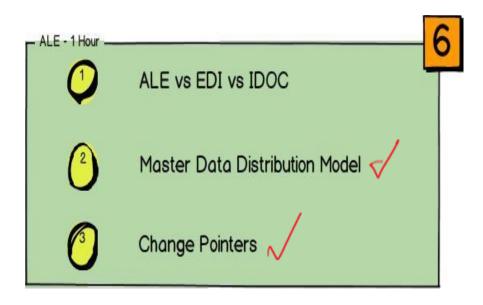
IDOC User Exits - Mostly Technical is nature



Search for Call Customer

Identify the Brief purpose in 'Attributes' and the data that is available in 'Tables'

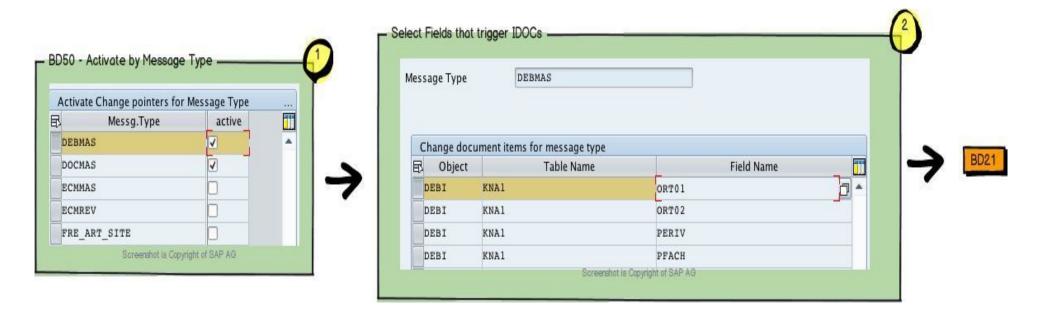




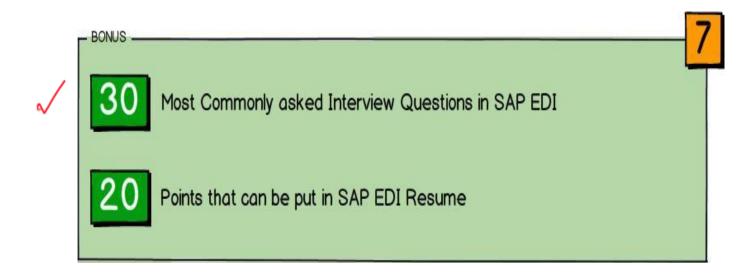
ALE vs EDI vs IDOC

MDM Model

Change Pointers



SURPRISE!!



Most Commonly asked EDI Questions



What are some of the Sub-Systems you have worked on?





What are the Message Types you have worked on?

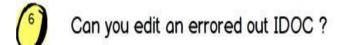


What is the difference between IDOC Type and Message Type?

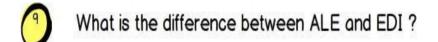


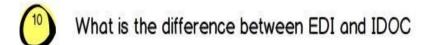
What are the IDOC Types that you have worked on?





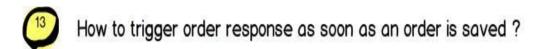
- What is the differnce between editing an IDOC in WE02 and WE19?
- Can you give some examples of the IDOC Statuses that you know of ?

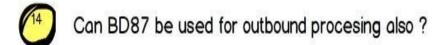




How can you see the documentation behind a segment in an IDOC?

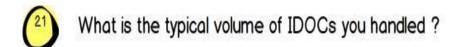
What are some of the batch programs you have used during EDI/ALE Processing?





- What is a Partner Profile ? Where and why do you maintain it ?
- What is Master Data Distribution model? Where do you configure it?

- Have you worked on Master Data Distribution model? What scenarios have you worked on?
- During Order processing, lets say the Customer Material Number needs to be translated to SAP Material Number. How do you approach this problem?
- During Order Processing, lets say the Customer Store needs to be translated to SAP Customer Ship-to. How do you approach this problem?
- Legacy System has 1000 Partner Profiles. How do you recreate them in SAP?



- Do IDOCs have number ranges ?
- How did you handle errored out IDOCs in your last client?
- Can you use same IDOC type for multiple message types?



Why would you ever have to create a new process code ?



What is the process code you used for standard inbound order processing?



If you want to introduce a new IDOC type for a particular Partner for Order Processing. What are the steps you would have to do?



When change pointers are enabled, do IDOCs get triggered during Master data Creation?



If materials require Serial Numbers and let's say it is NOT available in standard ORDRSP idoc type. How do you handle this ?



What is the difference between creating an Order via IDOC vs BAPI?

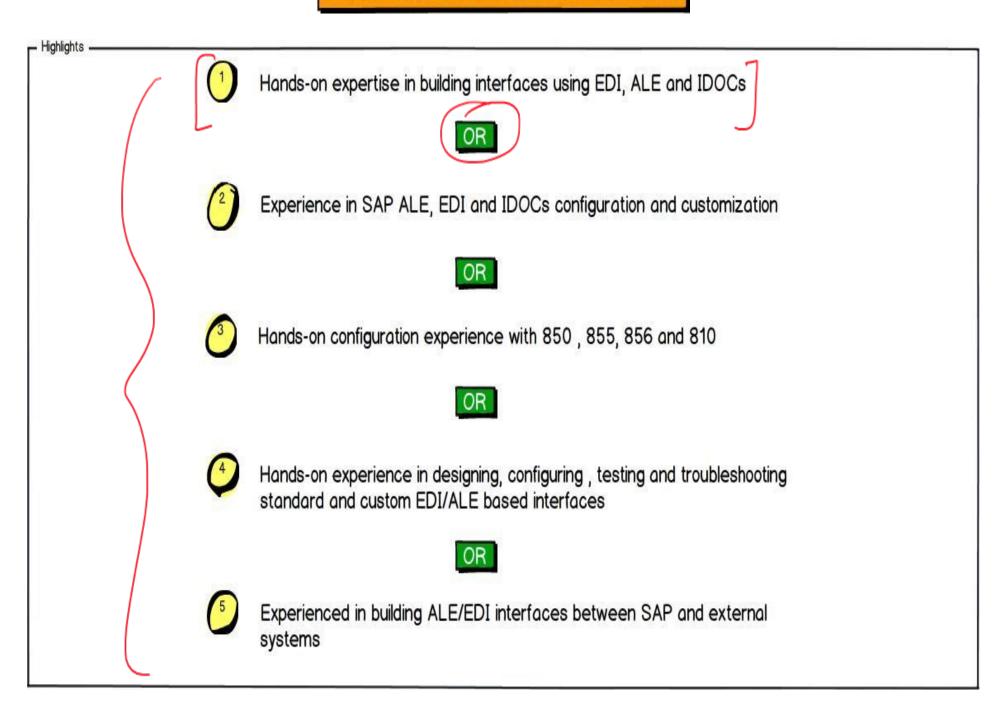


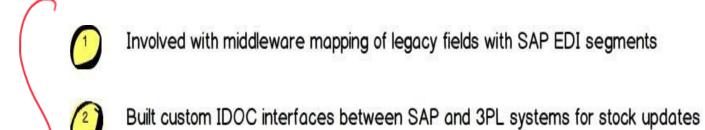
If you want custom fields in Additional data B to go in ORDRSP, how to you handle it?



How do you search an IDOC ?

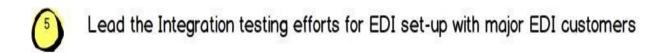
SAP EDI Resume Points





Worked on LSMW scripts to migrate Partner Profiles to SAP

Worked with EDI Subsystem consultants in field level mapping of 850/855 fields with SAP EDI segments





Performed GAP Analysis to map current processes with standard EDI processes to come up with recommendations for implementation

Configured Partner Profiles, output determination and co-ordinated Ports and RFC destination with Basis



Configured EDPAR for EDI Conversion of Ship-to's and Payers for large Customers



Configured Change Pointers for master data distribution between SAP US and APAC instances



Configured Change Pointers for Master Data Distribution between SAP and Peoplesoft



Set up batch processes for standard inbound/outbound IDOC processing Programs

SAP ACCESS