

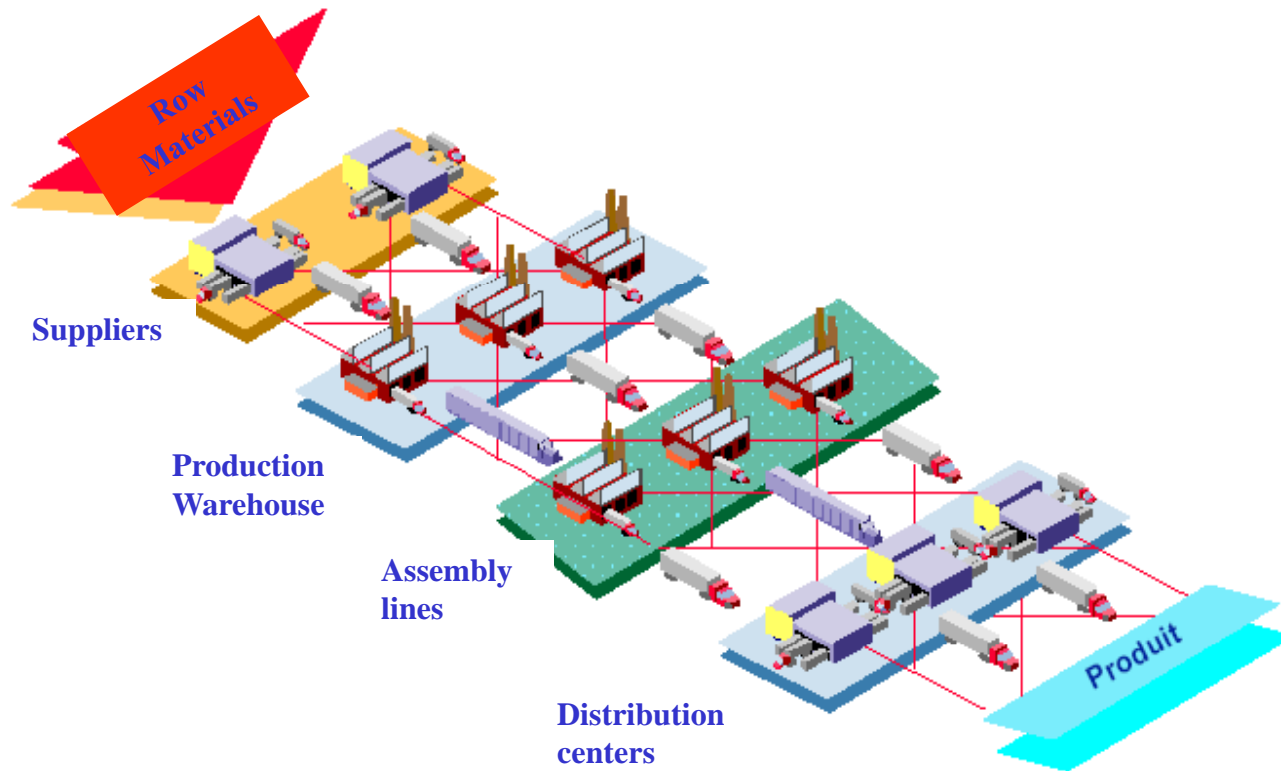
TICIO Project

**TIC PME 2010 Nb 41
DGE Program**

**Innovation in
clients – suppliers relationship**



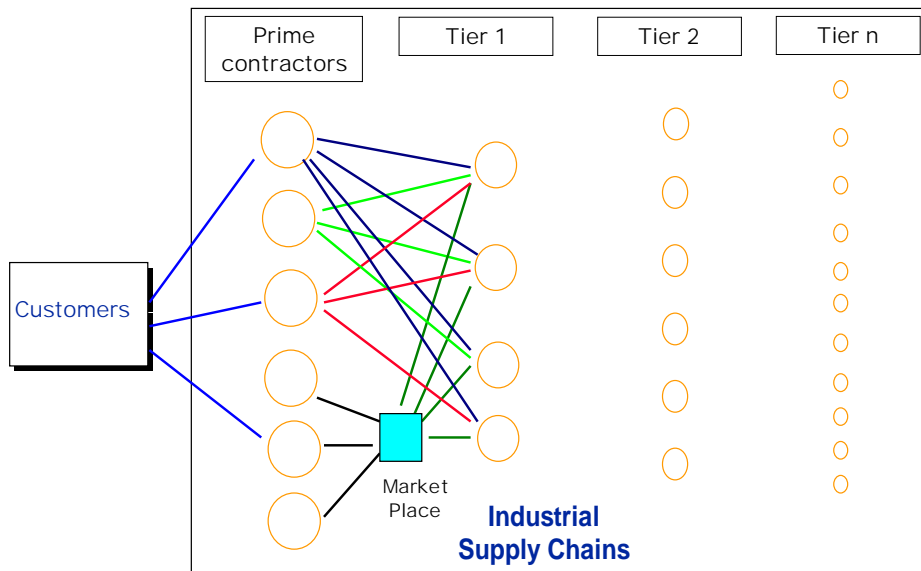
The rules have changed, the only way to deal with these new rules is through Extended Enterprise



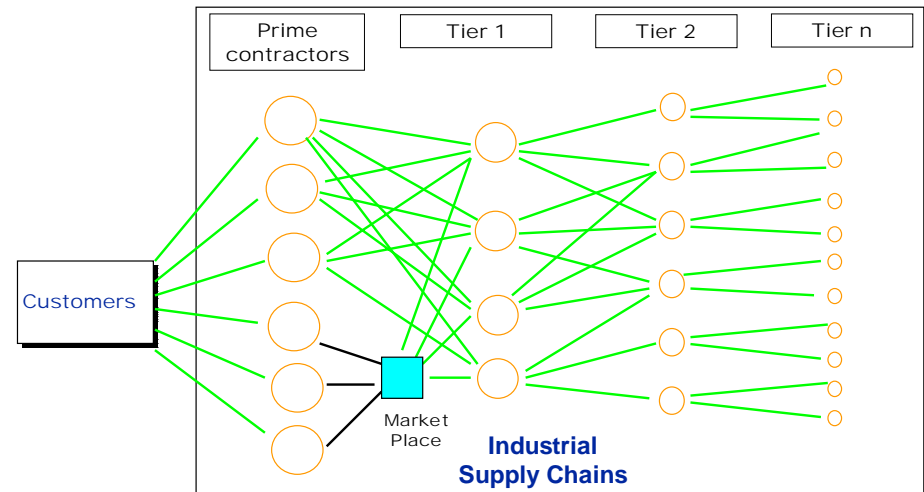
➔ Digital integration of the supply chain key factor of competitiveness

30% of the value 70% of the value

A strategic goal, but most of the work has to be done



Mandatory : standards and suppliers support

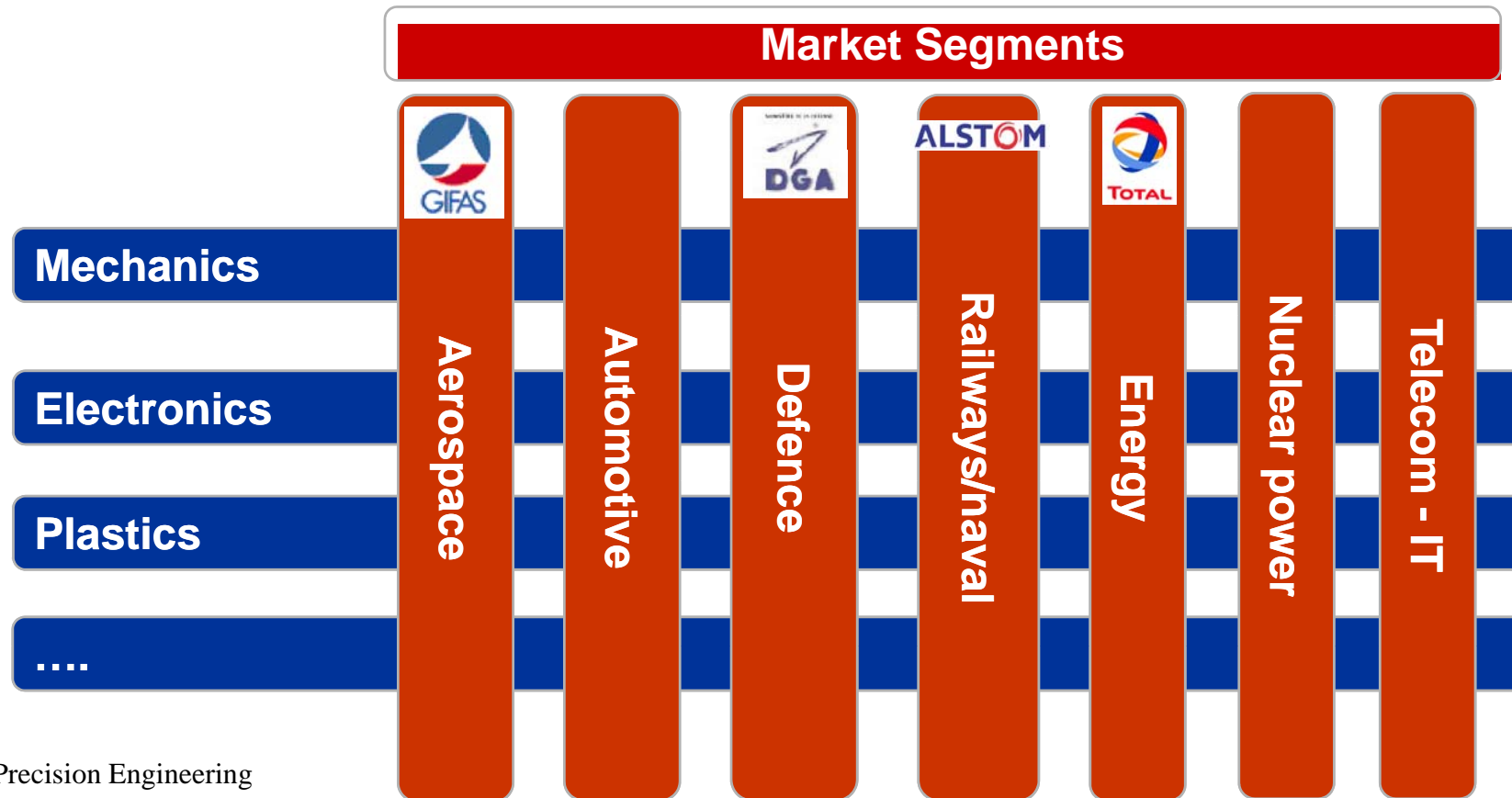


— Heterogeneous Business Process, Messages and Technical Architecture
— ➔ difficult or impossible integration, overcosts, quality and reliability problems
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— Standard Business Process, Messages and Technical Architecture
— ➔ easy integration, quality, reliability



Market Segments vs Cross Sector Activities



*Precision Engineering



Project objectives:

- 1- Standardize exchanges between Electronic and mechanical engineering companies*
- 2- Create bridges between the standard defined and the standards used by their clients in order to help them to become more competitive*



TICIO Partners

Project partners

- FIEN
- AFNET
- BOOST
- EISTI
- OPTICS VALLEY

Standards Partners

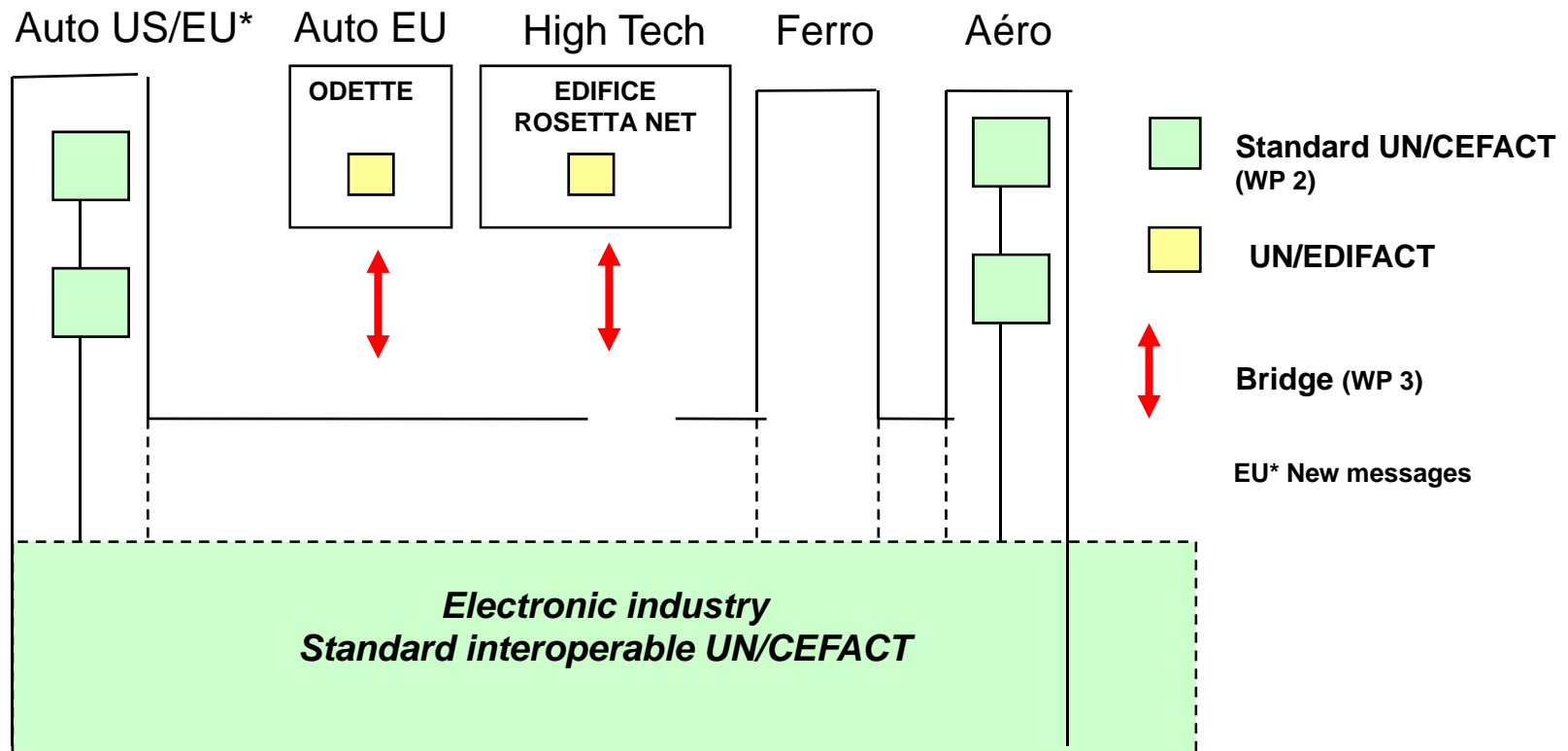
- BoostAero
- EDIFICE
- ODETTE

Companies :

- AVNET
- SONY
- ACOME



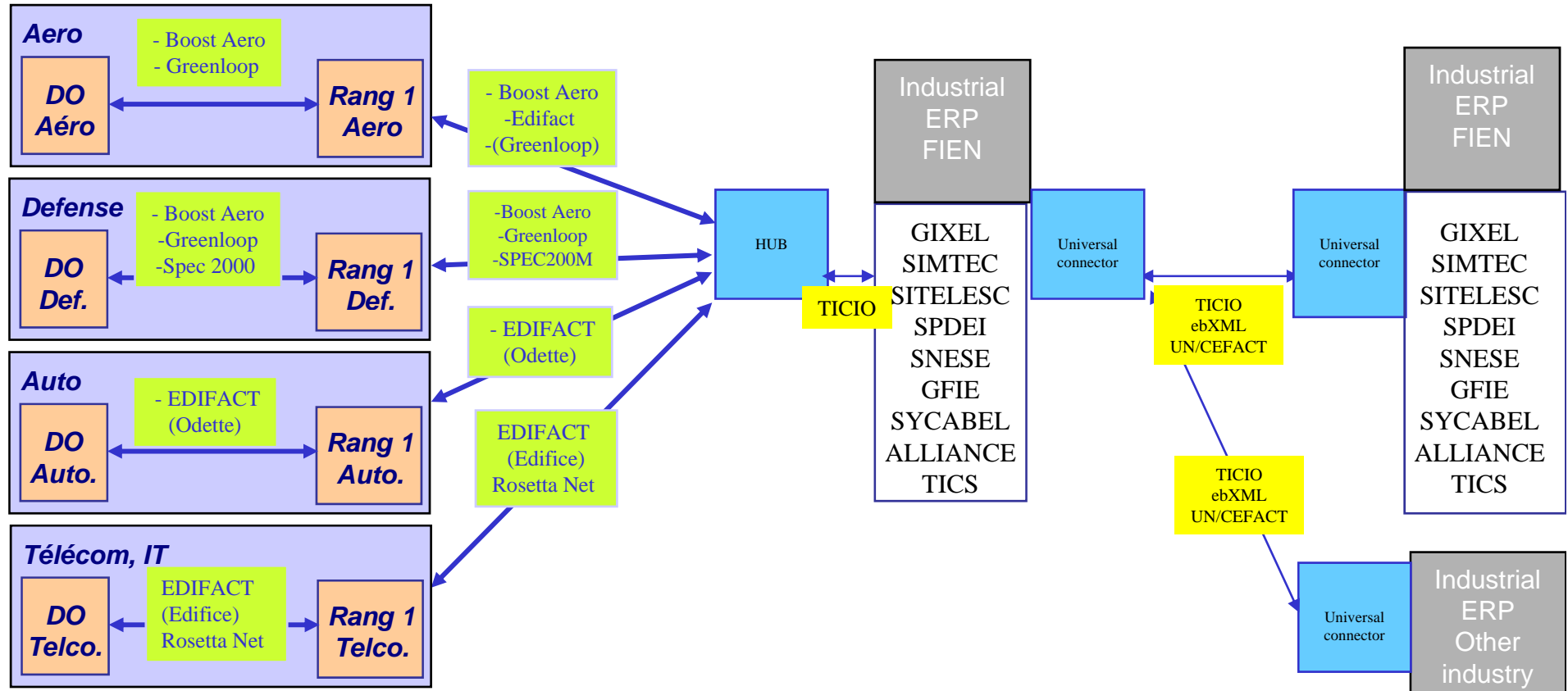
Create bridges between the standard defined and the standards used by their clients



Exchange Principles

1 – Customer Value Chain

2 – Cross industry SME Value Chain



The five main benefits of Extended Enterprise are

- **Inventory**
 - It Reduces the amount of stock
- **Delivery Time**
 - It Reduces Delivery Time
- **Customer Service**
 - It Improves customer Services and reduces penalties
- **Productivity**
 - It improves productivity and it reduces administration time and the risk of error

To obtain this benefits, it is compulsory to implement a digital collaborative solution



State of the project

- Launch in July 2006

2 years	79,75 Hxmonths
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TICIO Business Processes

	SPL et KANBAN	SYNCHRONE	One shot	VsMI	Consigned VsMI
ORDER					
Order (Commande) ORDER, ORDER CHANGE, ORDER CANCEL, ORDER RESPONSE			█		
SCHEDULING					
Demand Forecast (Plan d'approvisionnement) DEMAND FORECAST, DEMAND FORECAST RESPONSE	█	█		█	█
Supply Instruction (Programme / Appel de Livraison) SUPPLY INSTRUCTION, SUPPLY INSTRUCTION RESPONSE	█	█			
Inventory Forecast (prévision d'évolution de stock) INVENTORY FORECAST				█	█
Supply Notification (proposition de livraison) SUPPLY NOTIFICATION				█	█
SHIPPING					
Despatch Advice (Avis d'Expédition) DESPATCH ADVICE	█	█	█	█	█
Receiving Advice (Réception) RECEIVING ADVICE	█	█	█	█	█
INVOICE					
Consumption Report CONSUMPTION REPORT					█
Invoice (Facture) INVOICE, INVOICE RESPONSE	█	█	█	█	█



Segments / Components mapping

g	
Planning. Details	
Delivery Planning. Buyer. Identifier (1,1)	
Delivery Planning. Seller. Identifier (0,1)	
Delivery Planning. Globally Unique. Identifier (0,1)	
Delivery Planning. Issue. Date (0,1)	
Delivery Planning. Sequence Number. Identifier (0,1)	
Delivery Planning. Note. Text (0,*)	
Delivery Planning. Buyer. Party (1,1)	
ASBIE	Party. AeroSpace_ Organization (0,*)
BBIE	AeroSpace_ Organization. Identifier (0,*)
BBIE	AeroSpace_ Organization. Name. Text (1,*)

EDIFICE DELJIT SEGMENT	EDIFICE COMPOSANT	ODETTE ELEMENT
BGM		E1004
BGM		E1004
DTM	C507	E2005-Q='137' E2380
NAD		E3035-Q='BY'
NAD		
NAD	C082	E3039
NAD	C080	E3036



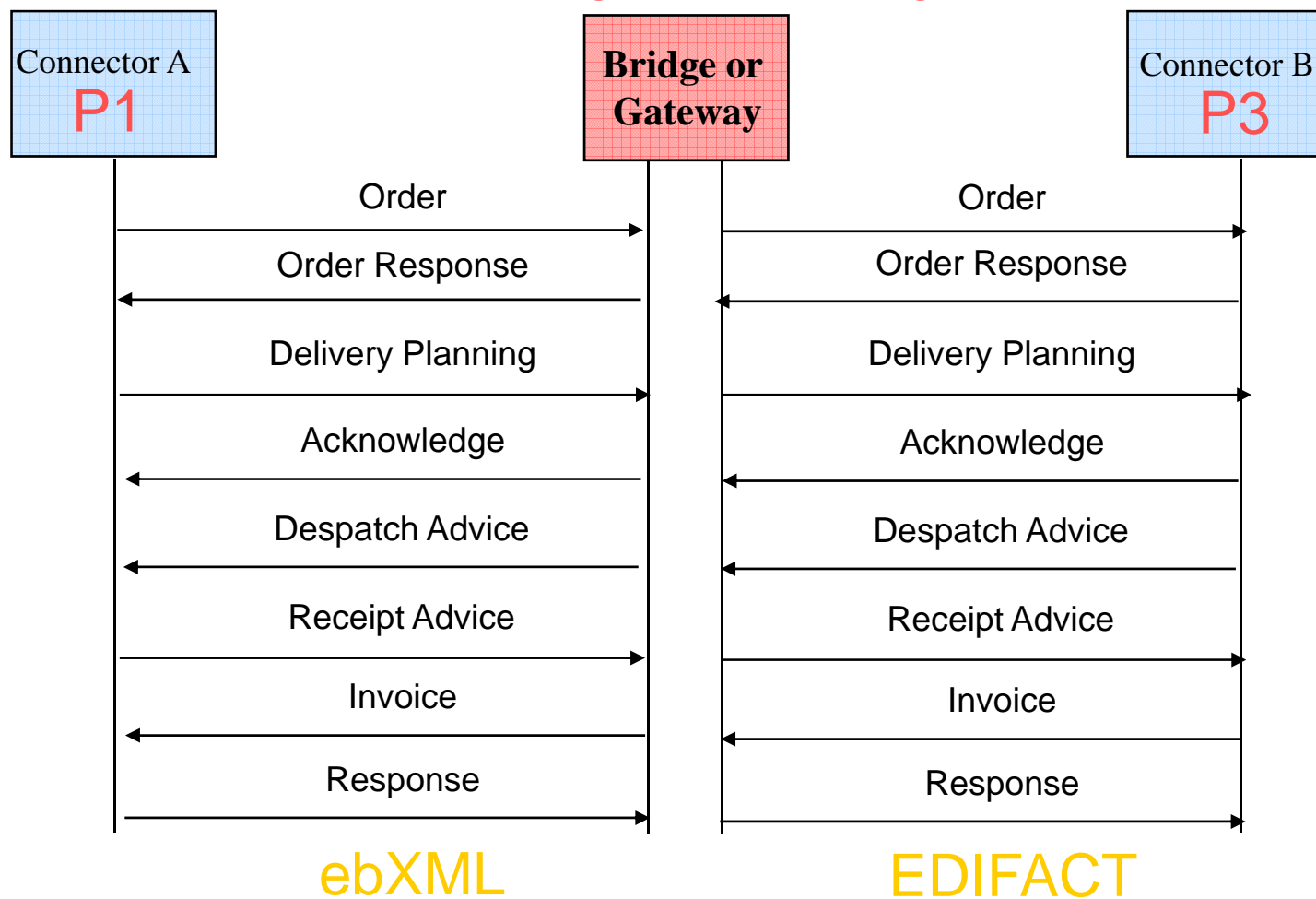
TICIO Project

	Titre du WP	T1	T2	T3	T4	T1	T2	T3	T4
WP1	State of the art and actual practices	█							
WP 2.1	Business process & procurement model		█	█	█				
WP 2.2	Data interchange specification		█	█	█				
WP 3	Mapping of Ticio Business Process & Industry market segment				█	█	█		
WP 4	Organization of the industrialization of the standard and proposal for solutions to the companies of the FIEN							█	█
WP 5	Change Management, promotion, Training								
WP 6	Co-operation with other projects of the same ecosystem								
WP 7	Management								
WP 8	Monitor Innovation (e-design et PLM)								



Business process Scenario (example)

connectorBridgeconnector (generic)



Thank you for your attention

