UFI operations award 2011 - "Smart use of IT to improve your operations"

MOBILE ENTERPRISE BF Servizi



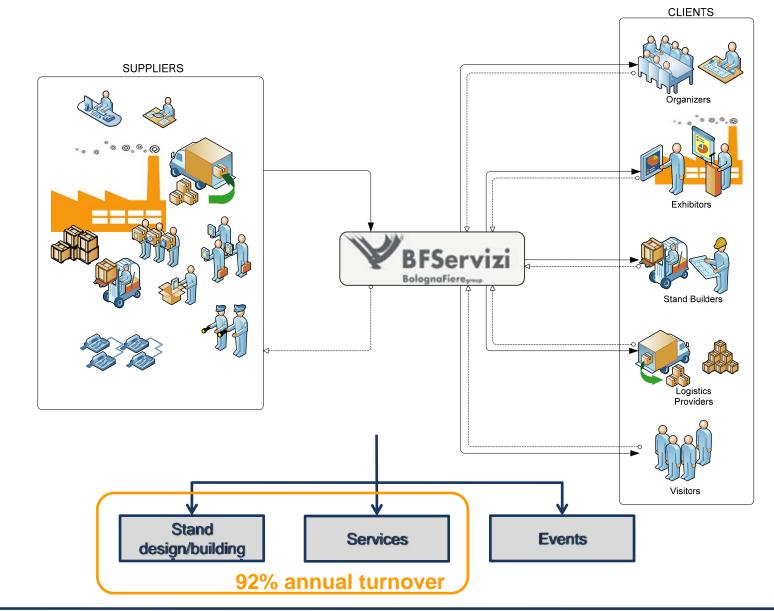


BF Servizi

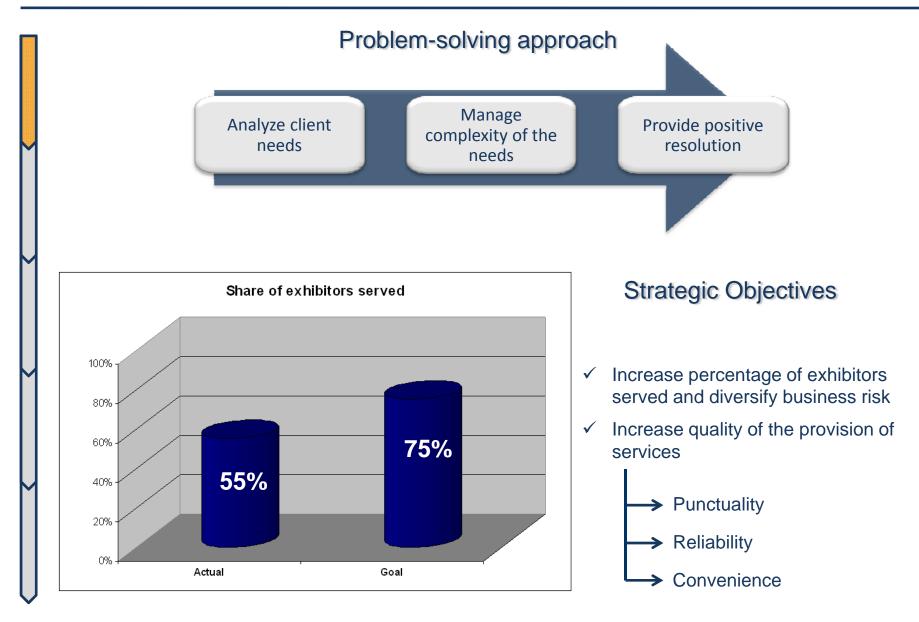


BolognaFiere 100% BFServizi BolognaFiere											
	About Us		Mission	Company Profile							
✓	Subsidiary of BolognaFiere specialized in providing organizers and exhibitors with	✓ ✓	Improve the offer and quality of services in the exhibition sector.	✓ ✓	Founded in 2003 15 employees						
	creative and reliable services and support for all event-related needs.	√	Offer these services for the organization and execution of events, both at the BolognaFiere exhibition center and in the	✓ ✓	€12 million in annual turnover 15.000 clients						
✓	Organizer of major non-exhibition events in the Bologna area.		surrounding geographic area.	✓	90 suppliers						









Back office

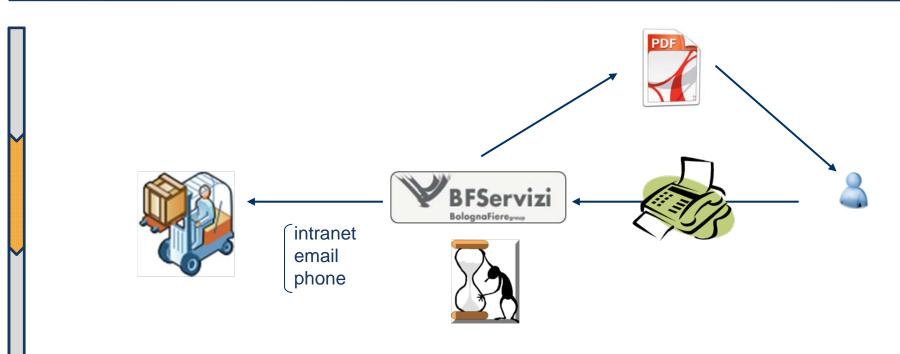


	Market	 economic crisis → requests for last-minute services mature sector → competitive environment
~	Organization	 lengthy process lead-time human resources used for low-value activities scarce information sharing
~	Clients and Suppliers "offline"	 static order forms (pdf) manual entry of order data non-standard transmission of orders to the supply chain no traceability of client/supplier orders lengthy billing time
Μ		 obsolete ERP accessibile only via intranet

• "client-server" logic \rightarrow device dependency

• unable to modify system to align with new processes



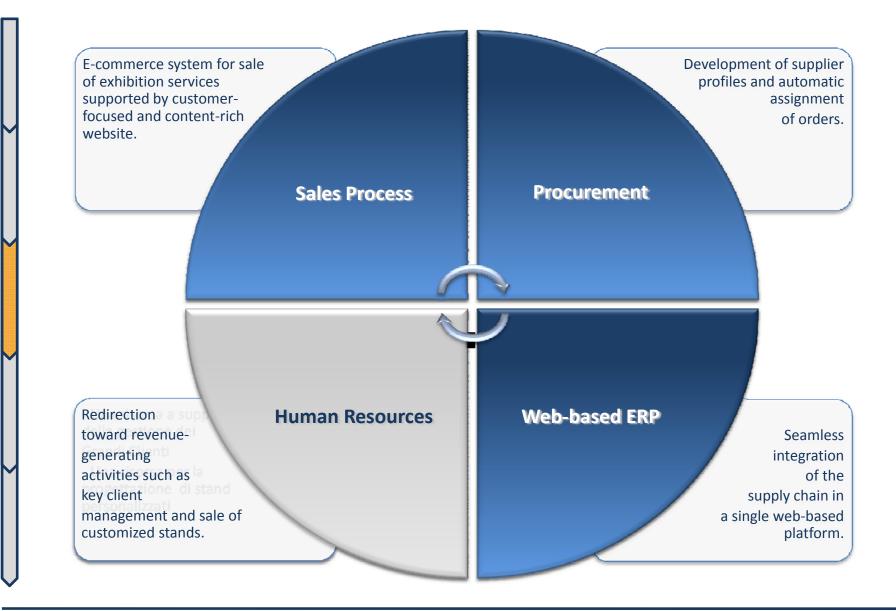


- Manual check and insertion of client orders (~14.000/year)
- 15% of order forms containing errors (usability problem)



- Static and passive presentation of commercial offer
- Orders forwarded to supply chain in non-standardized manner
- Paper archive

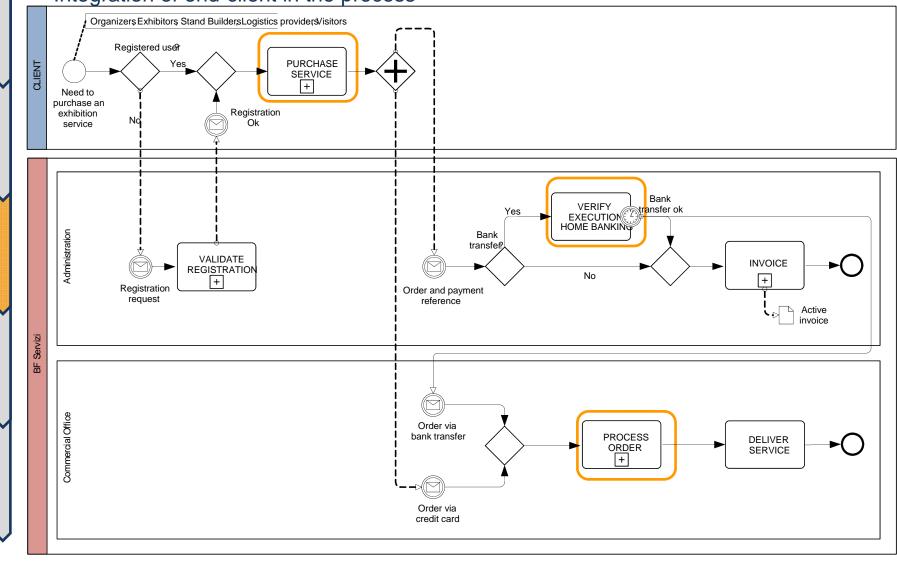




MOBILE ENTERPRISE: sales process



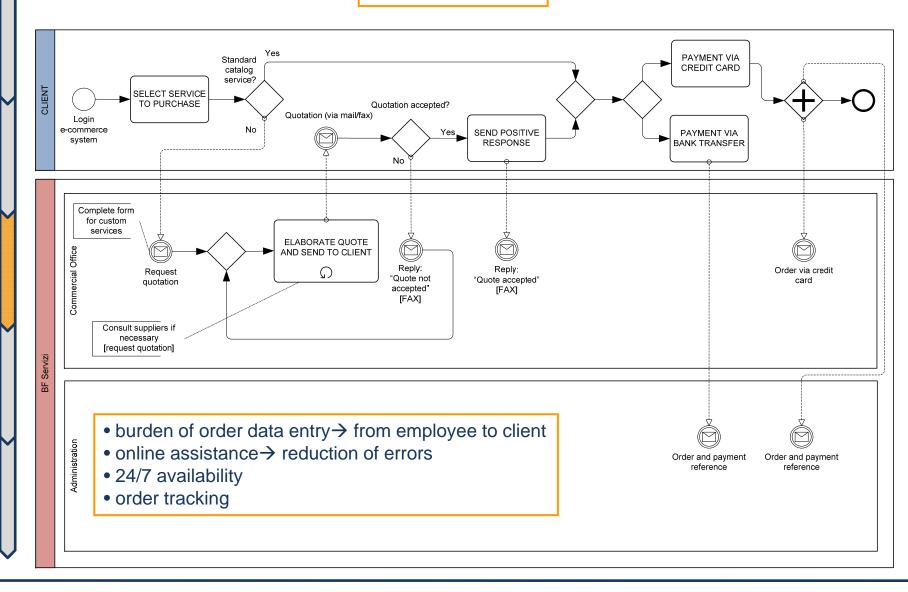
✓ BPMN (Business Process Modeling Notation) ✓ Integration of end-client in the process



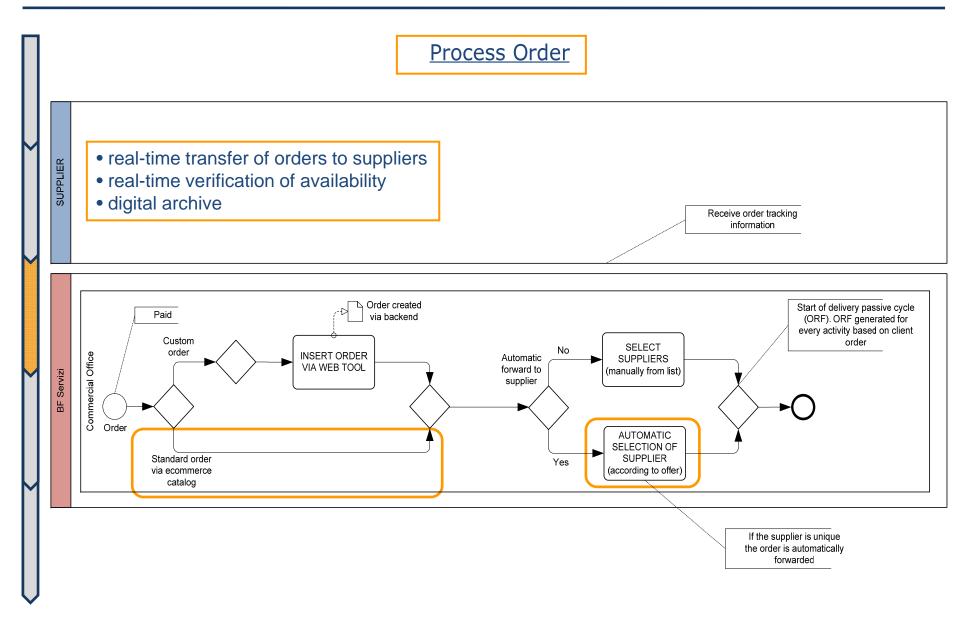
MOBILE ENTERPRISE: sales process



Purchase Service

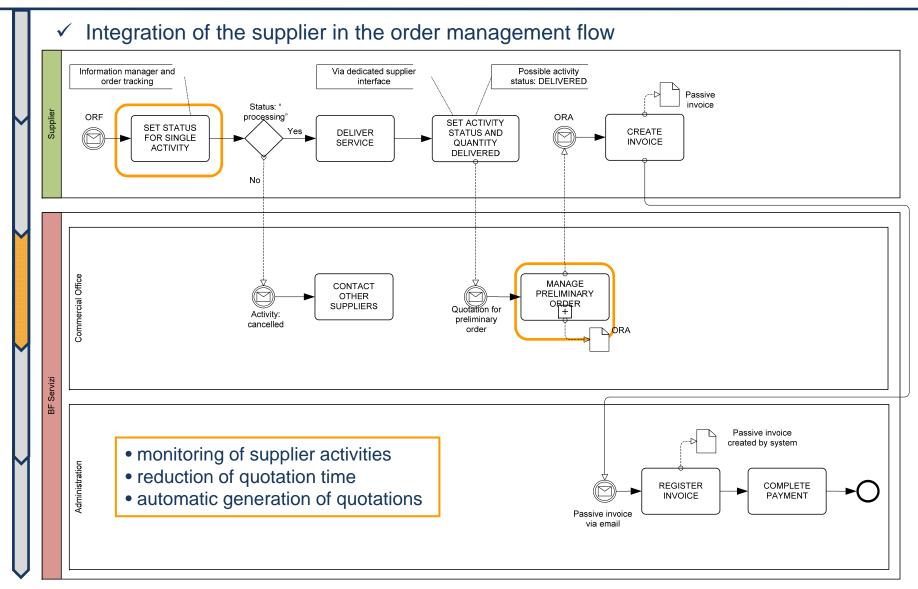






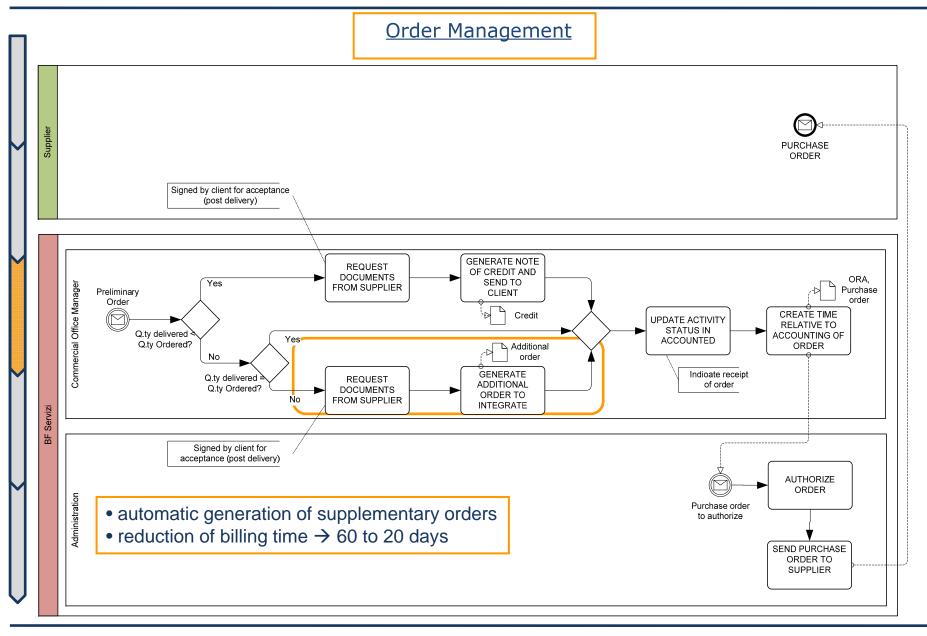
MOBILE ENTERPRISE: procurement process



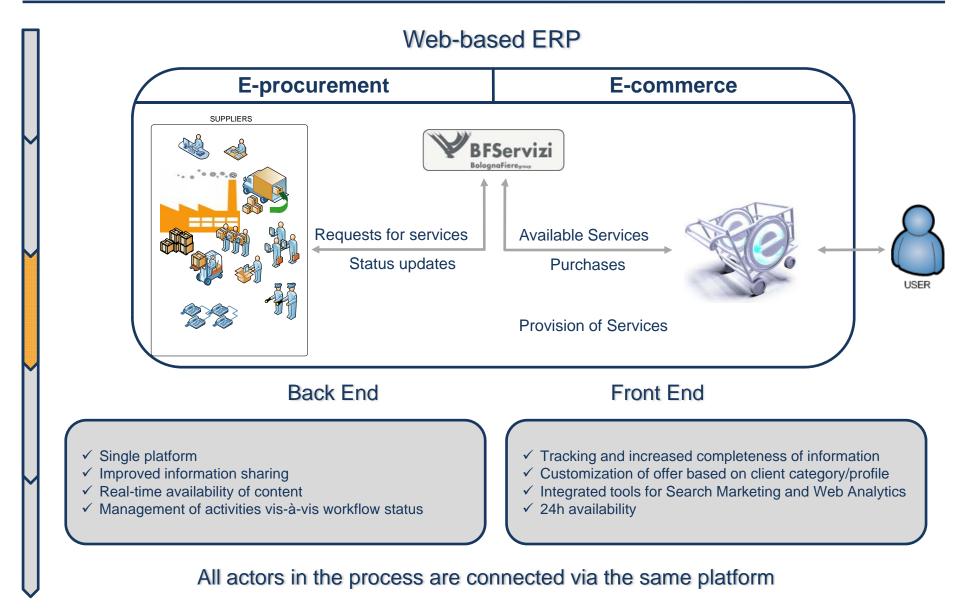


MOBILE ENTERPRISE: procurement process



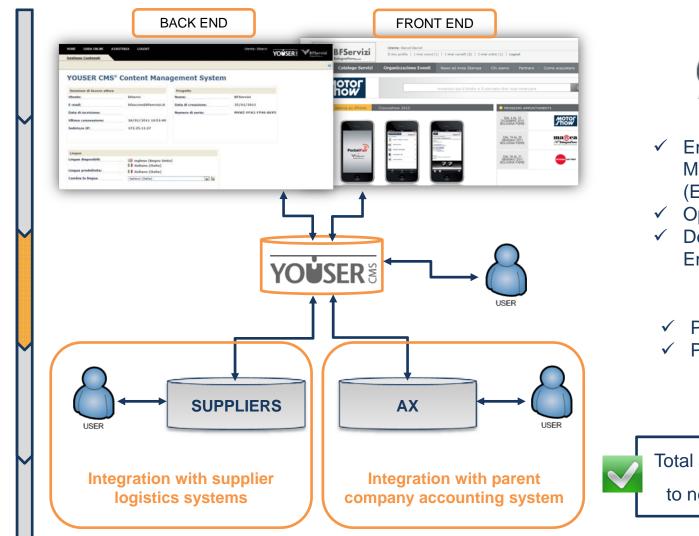






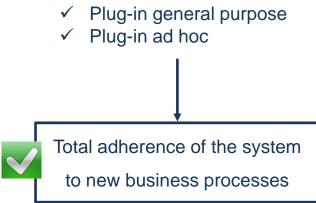
MOBILE ENTERPRISE: web-based ERP







- Enterprise Content Management System (ECMS)
- ✓ Opensource technology
- Developed with Java
 Enterprise Edition





l		BFServizi	User: Mark		de (1) My carte	(1) My orders Loquit			▶ Italiar
l		BolognaFieregroup Home Services Catalog	Mounting		Organization	News and Press Area	About us	How to purchase	Contact us
	Exhibition	WORLDWIDE BOLOGNA				type here text or servic	ce to search		Search
	Location	CURRENT STAND Hall Aisle Stand 22 A 21				VIDE BOLOGNA > Services C ling	atalogue > Por	terage and handling	
	Cart/	CURRENT CART	RENTAL	OF MAC	HINERY				
		Carrello 50 COSMOPROF	Photo	Code			List Pr		Actions
	Order	WORLDWIDE BOLOGNA	<u>Ŕ</u> ::	FM001	Lift truck 3,500	۶g		€/hour 53.00 VAT excluded	O Cart 🛱 O Detail
		TV CHANNEL COMPRESSED AIR CONNECTION CONNECTION TO WATER NETWORK	ħ.	FM002	Lift truck 5,000	وک		€/hour 80.00 VAT excluded	O Cart 🕅 O Detail
		LEASE OF WATER MATERIALS LEASE OF ELECTRICAL MATERIALS CLEANING SERVICES FOR STANDS	ĥ.	FM003	Lift truck 6,000	وک		€/hour 83.00 VAT excluded	O Cart 🕅 O Detail
		PORTERAGE AND HANDLING FURNITURE FOR OPEN AREAS FILOWERS AND PLANTS	ĥ.»	FM008	Crane truck cap	acity load up to 30,000 Kg		€/hour 156.00 VAT excluded	O Cart 🕅 O Detail
	Services	BAR AND KITCHEN EQUIPMENT REFRIGERATORS AND FREEZERS HOSTESSES AND INTERPRETERS	K.»	FM009	Crane truck cap	acity load up to 50,000 Kg		€/hour 198.00 VAT excluded	O Cart 🕅 O Detail
		STAND SURVEILLANCE SERVICES	K.	FM010	Crane truck cap	acity load over 50,000 Kg		<mark>€/hour 238.00</mark> VAT excluded	O Cart 🕅 O Detail
		TELEPHONE AND INTERNET SYSTEMS	HAVEN'T F		VHAT YOU ARE	LOOKING FOR ?			
	Ĺ	H AUDIOVISUALS TV ANTENNAS AND CONNECTIONS	cus	Tomize Re	QUEST		Custo	omized requ	uests

MOBILE ENTERPRISE: front end user experience



	Hall Aisle Stand 22 A 21	Carrello 50 COSMOPROF WORLDWIDE BOLOGNA
~	Cod.FM001 LIFT TRUCK 3,500 KG	€/hour 53.00 price VAT excluded (20%)
Customization of services: • Quantity • Duration • Accessories • Start/End	Machineries quantities*: Duration (hours)*: Minimum invoiceable: 30 minutes. For services longer than 30 metric compilation 1.5 for an hour and a half Accessories list: select Beginning Date and Time of the Service*: Image: Company representative Name*: Image: Company representative Name*: Image: Company representative Delivery*: Image: Company representative Select Select Name*: Image: Company representative Name*: Image: Company representative Select Select Select Select Select Select Name*: Image: Company representative Select Select Select Select </th <th>TO CATALOGUE ADD TO CART</th>	TO CATALOGUE ADD TO CART



ORD	RDINI RDINI																		
Risults #	ati trovati 106, V Numero Ordine	Offerta	-	Cliente	Cliente Fatturazione	Naz. Cliente	Naz. Cliente Fatt.	Manifestazione	Pos. stand	Stato Lavorazione			Stato fatturazione	Scadenza Data Ordine pagam.	Tot. iva esc	Totale	AX Au	tore Wor	kflow Azio
1	ORC003650		18/03/2011	ALLESTIMENTI ESSEGI SRL		Italia		COSMOPROF	33 • C • 15	CONFERMATO	Carta Credito Web	CONTABILIZZATO	FATTURABILE	23/03/2011 11:19:58	€ 109,00	€ 130,80	🕽 😋 alle	sti Appro	vato 🥜 🎗
2	ORC003649		18/03/2011	C033182 ALLESTIMENTI ESSEGI SRL		Italia		COSMOPROF	33 • C • 15	ANNULLATO	Carta Credito Web	RIFIUTATO	FATTURABILE	23/03/2011 11:16:50	€ 109,00	€ 130,80	X ale	sti Appro	vato 🧷 🕽
3	ORC003622		18/03/2011	CO40348 BIGINI REKLAME aps		Danimarca		BOLOGNA CHILDREN'S BOOK FAIR	30 - C - 18	CONFERMATO	Carta Credito Web	CONTABLIZZATO	FATTURABILE	23/03/2011 08:06:45	€ 50,00	€ 50,00	🛛 😋 alla	n Appro	vsto 🧷 🕽
4	ORC003451		17/03/2011	C034859 EDICIONS BROMERA S.L		Spagna		BOLOGNA CHILDREN'S BOOK		CONFERMATO	Bonifico Bancario Web	NUOVO	NON_FATTURABILE	22/03/2011 13:06:33	€ 177,00	€ 207,10	🗙 edic	ion Bozza	03
5	ORC003409		17/03/2011	C024951 VIPOLAND GMBH		Germania		BOLOGNA CHILDREN'S BOOK	30 · C · 2	CONFERMATO	Bonifico Bancario Web	NUOVO	NON_FATTURABILE	22/03/2011 11:41:56	€ 188,00	€ 185,00	🕽 🗙 vipe	ilan Bozza	03
6	ORC003355		17/03/2011	C034858 EQUIPO 63 S.A.		Spagna		BOLOGNA CHILDREN'S BOOK FAIR	29 - C - 14	CONFERMATO	Bonifico Bancario Web	NUOVO	NON_FATTURABILE	22/03/2011 08:32:08	€ 350,00	€ 350,00	🛛 🗙 equ	iposa Appro	vsto 🧷 🕽
7	ORC003311		16/03/2011	C040579 Exposures Event Solutions lip		Regno Unito (U.K)		BOLOGNA CHILDREN'S BOOK FAIR	29 - 8 - 39	CONFERMATO	Carta Credito Web	CONTABLIZZATO	FATTURABILE	21/03/2011 16:13:01	€ 154,00	€ 154,00	🛛 🗙 exp	osur Erron	. / 3

Stand	Cliente	Cliente di fatturazione	Ordine	Data Ordine	Articolo	Descr. Articolo	Data Fornitura	1		Fornitore	Stato	Q.ta Ordinata	Importo	
		ratturazione				Articolo	Data (dd-MM-yyyy)	HH	mm			Ordinata	Ordinato	
Area esterna: 550 - Corsia: nui - Sta	C031320 0.P.C. INTERNALIC	CUUSZOZ ARVEL	ORC003407	17-03-2011	FM001	Carreilo ele	17-05-2011	1/	00	F009882 - CFP COC	RENDICONTATA	1,00	55,00	
Padiglione: 20 - Corsia: F - Stand: 26	C040610 NERO PLAST AMBAL		ORC003516	17-03-2011	FM001	Carrello eler	17 - 03 - 2011	16	30	F009882 - CFP COC	RENDICONTATA	1,00	53,00	
Padiglione: 14 - Corsia: B - Stand: 30	C040261 AEROMED GENESUN		ORC003625	18-03-2011	FM001	Carrello ele	18 - 03 - 2011	10	00	F009882 - CFP COC	RENDICONTATA	0,50	26,50	
Padiglione: 16 - Corsia: B - Stand: 4	C040483 LOUNGE SUN & SPA	C029770 MAX S	ORC003671	18-03-2011	FM001	Carrello eler	22 - 03 - 2011	16	00	F009882 - CFP COC	IN_LAVORAZIONE	1,00	53,00	
Padiglione: 15 - Corsia: C - Stand: 24	C009280 CLARINS ITALIA SP.	C035092 INTEK	ORC003672	18-03-2011	FM001	Carrello ele	23 - 03 - 2011	09	00	F009882 - CFP COC	IN_LAVORAZIONE	1,00	53,00	
Padiglione: 15 - Corsia: C - Stand: 12	C031023 COMFORT ZONE SK	C035076 NEW F	ORC003716	18-03-2011	FM001	Carrello ele	22 - 03 - 201				LAVORAZIONE	1,00	53,00	
Padiglione: 14 - Corsia: C - Stand: 24	CU16723 VALETUDO SRL	CU28046 GK DE	ORC003232	16-03-2011	FM001	Carrello ele	22-03-2	✓ II	nser	tion	AVORAZIONE	1,00	53,00	
Padiglione: 18 - Corsia: A - Stand: 27	C040585 New Cid Cosmetics		ORC003326	16-03-2011	FM001	Carrello eler	16 - 03 - 2)roo(accina	JLLATA	0,50	31,80	
Padiglione: 33 - Corsia: C - Stand: 15	C033182 ALLESTIMENTI ESSE		ORC003650	18-03-2011	FM001	Carrello eler	23 - 03 - 2			essing	AVORAZIONE	2,00	106,00	
Area esterna: 35C - Corsia: null - Sta	C031326 O.P.C. INTERNATIC	C003282 ARVEE	ORC003750	20-03-2011	FM001	Carrello ele	23 - 03 - 2	✓ F	Revo	cation	AVORAZIONE	7,00	371,00	
Padiglione: stand - Corsia: Stand: '	C019715 O.T.I.M. SPA		ORC003770	20-03-2011	FM001	Carrello eler	22 - 03 - 2	√ F	Provi	sion	AVORAZIONE	1,00	53,00	
Padiglione: 19 - Corsia: B - Stand: 51	C030903 PMR SYSTEM GROUI		ORC000432	14-01-2011	FM001	Carrello eler	21-03-2				AVORAZIONE	1,00	53,00	
Padiglione: 19 - Corsia: F - Stand: 10	C032402 PIBIPLAST SPA		ORC000478	18-01-2011	FM001	Carrello ele	14 - 03 - 20	V P	ACCO	unting	DICONTATA	0,50	26,50	
Padiglione: 19 - Corsia: C - Stand: 3	C003073 V2 ENGINEERING SF		ORC000601	20-01-2011	FM001	Carrello ele	16 - 03 - 2011	00	30	F00985	RENDICONTATA	1,50	79,50	
Padiglione: 19 - Corsia: A - Stand: 3	C030914 NIMA ERRE.TI PACK		ORC000979	03-02-2011	FM001	Carrello ele	17 - 03 - 2011	08	30	F009882 - CFF	RENDICONTATA	0,50	26,50	
Padiglione: 30 - Corsia: A - Stand: 35	C031694 GROUP UK LTD	C003850 GBH E	ORC001185	09-02-2011	FM001	Carrello eler	16 - 03 - 2011	08	00	F009882 - CFP COC	RENDICONTATA	10,00	530,00	
Where?	Who?			Wh	at?		When?			Workflo	ow	Quan	tity	



- ✓ Supplier used by BF Servizi to provide logistics and transport services within the BolognaFiere exhibition center.
- ✓ 12% and 15% of BF Servizi's total revenue can be retraced to services provided by CFP.
- ✓ Until 2010 CFP did not have any automated systems for scheduling their activities. The allocation of machines (for example, forklifts), was made based on human judgement rather than on precise calculations of availability.
- The disorganization inherent in CFP's modus operandi had over the years generated conflicts with clients of BF Servizi.
- ✓ By bringing CFP into the automated supply chain and introducing a GPS system for tracking CFP machinery, BF Servizi was able to introduce radical changes in the quality of service provided by this strategic partner.





CASE STUDY CFP



When a transport service is inserted into a user's online shopping cart, the ERP makes a protected connection with CFP's new automated logistics management system (developed by **PS MOBILE**). In real time the system can confirm if the service is available for the date selected.

Porterage and Handling



The logistics management system also allows for the GPS/WIFI tracking of machinery within the exhibition center so as to be able to identify the closest or most-ready machine available to fulfill last-minute requests.



CFP manager

Each CFP operator now uses a hand-held device in which he views the services assigned as well as the documents (exclusively in digital format) which must be signed by the end user once the service has been provided. Once completed, the information is transmitted back to BF Servizi's ecommerce system.





State-of-the art March 2011

- ✓ Reengineering of business processes
- ✓ E-commerce module
- ✓ Digitalization of the value chain
- ✓ Integration with main supplier
- ✓ System integration with parent-company accounting

✓ Development of system for sales performance tracking



- Integration with CRM
- ✓ Development of customer satisfaction tracking system
- ✓ Integration with business social networks



The principal result of the Mobile Enterprise project was a **40% reduction in** sales lead time.

Goal for 2011 is to transfer **20% of sales online**.

On the back end, the time required to **manage an order** has been radically reduced, thanks to the integration of vendors to the new web-based ERP.

The timeframe for **billing and soliciting payment** has also been reduced, thereby increasing the company's liquidity.

Vendors have also benefited from the transition from **paper to digital format**, simplifying operations, reducing errors and decreasing the time elapsed between the provision of a service and receipt of payment.



Mobile Enterprise

