

Logistics optimization



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Benetti

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AZIMUT – BENETTI GROUP

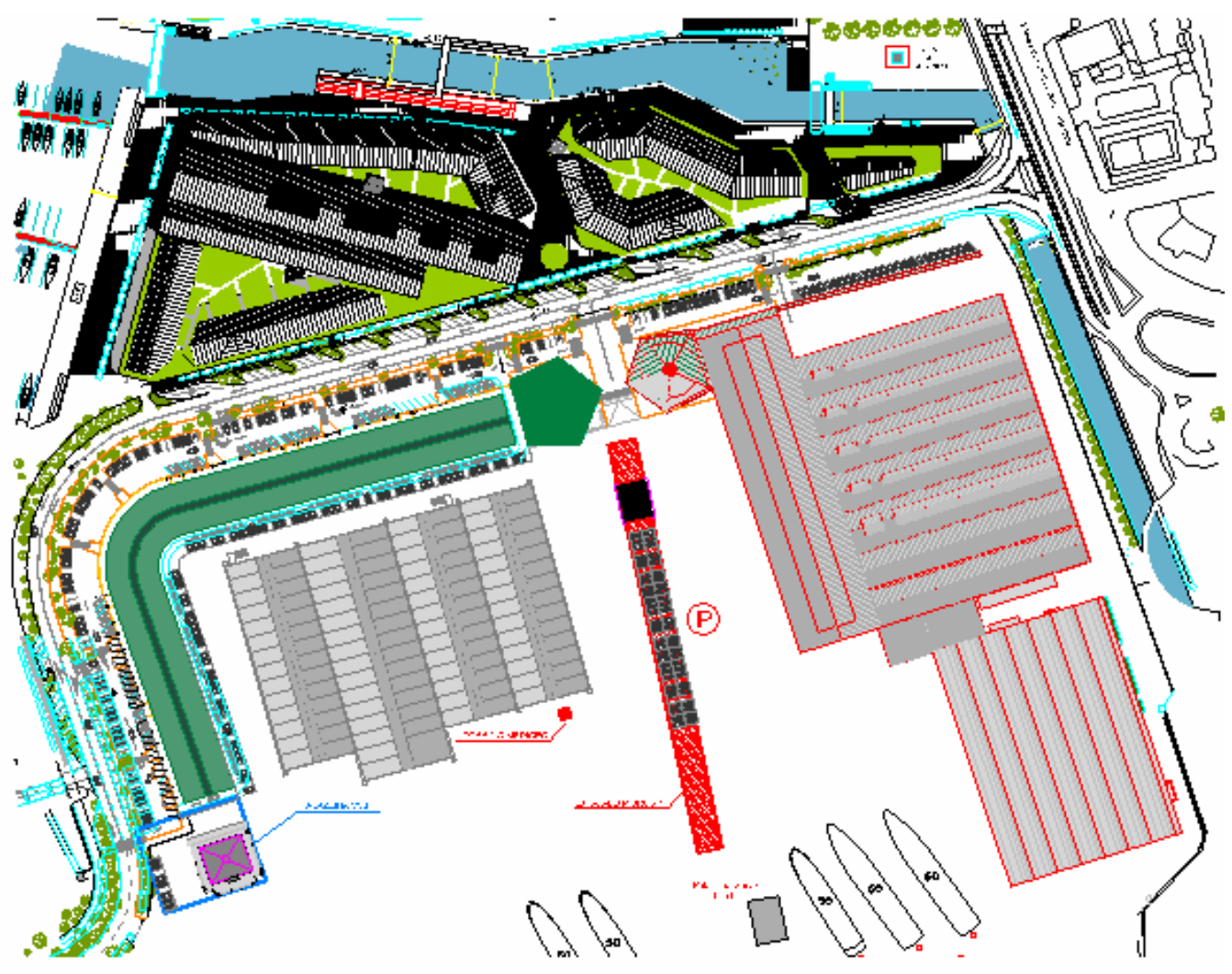
- Income value over 800 Mln €
- Orders portfolio: 1,5 Bln€
- 138 office in 67 countries, continuously growing
- Over 2500 employees
- August 2007: first Chinese customers

Azimut - Benetti is the **world leader**

WORK IN PROGRESS: LIVORNO SHIPYARD BENETTI TODAY...



... AND
TOMORROW



VISION: PRODUCT AND PROCESS EXCELLENCE

ICT: key excellence factor for process excellence

- **technology and innovation**
- **return on investment**
- **marketing and “image”**

A challenge for Benetti!

eNautica: our partner

eNautica partners proposed us three different innovative solutions:

- **Mobile Warehousing Management System:** a mobile software to automate the logistics processes, using Mobile and BarCode/RFID technologies to identify and track the assets.
- **Real Time Localisation System:** using Wi-Fi tags the real time position of the vehicles is located
- **Synoptic :** a friendly 3D user interface to visualize job's documents, tools handling, yacht position and receptive capacity simulation.

Warehouse Management System

Goals: improve supply chain

Intervention area: receptive tools acceptance, internal movement registration, management of materials request from production, management of material delivered to production, inventory of warehouses, management of given back.

Used technologies: industrial PDA (Wi-Fi, barcode scanner and RFId), Bluetooth portable printers, gate RFId, tag RFId.



Warehouse Management System

Ordini d'acquisto

Lista ordini d'acquisto

Stato Ordine	Nr Documento	Data Documento	Codice Fornitore	Ragione Sociale	Commessa	Note
●	13580/07	05/10/2007	06692	METALMECCANICA IACOMELLI S.R.L.	FB248	
●	14470/07	30/11/2007	00044	ALASKA DIESEL ELECTRIC INC.	FB238	
●	00736/08	22/01/2008	67208	BOERO BARTOLOMEO S.P.A.	MAGLIV	
●	09114/07	25/06/2007	10001	COMPAGNIA GENERALE TELEMAR SPA	FB237	
●	00776/08	23/01/2008	10200	TERMOPETROLI VERSILIA SRL	FB239	
●	16622/07	29/11/2007	10218	TEAM ITALIA SRL	FB243	
●	16686/07	30/11/2007	10218	TEAM ITALIA SRL	FB243	
●	00518/08	18/01/2008	10218	TEAM ITALIA SRL	FB241	
●	01012/07	01/02/2007	00510	BENYACHT COOP S.C.R.L.	FB238	
●	12045/07	18/10/2007	00600	ARDUINO SRL	FB245	
●	14897/07	25/10/2007	00600	ARDUINO SRL	FB241	

Aperti Chiusi

Dettaglio ordine

Note Ordine Carichi

causale di movimento: magazzino di carico: commessa :

Ordine fornitore: FB248 FB248

data documento: nr documento: data consegna: codice fornitore: ragione sociale:

05/10/2007 13580/07 28/12/2007 06692 METALMECCANICA IACOMELLI S.R.L.

Righe d'ordine

Stato	Codice	Descrizione	UM	Qt ordinata	Qt evasa	Data Consegna
●	PORL.BENE.930	C/TI/MG/VE T.L.350x400 POS.00	NR	20	0	
●	PORL.BENE.931	D/TI/CC/VE T.L.600x600 POS.01	NR	20	0	
●	PORL.BENE.932	D/TI/CC/G/VE T.L.600x600 POS.02	NR	20	0	
●	PORL.BENE.933	D/TI/CC/G/VE T.L.600x600 POS.02a	NR	20	4	
●	PORL.BENE.934	D/TI/CC/G/VE T.L.600x600 POS.03	NR	20	0	
●	PORL.BENE.935	D/TI/CC/VE T.L.1250x900 POS.04	NR	20	0	
●	PORL.BENE.936	C/TL/CC/VE T.L.650x750 POS.05	NR	20	0	
●	PORL.BENE.937	D/TL/CC/G/VE T.L.600x600 POS.06	NR	20	0	
●	PORL.BENE.940	D/TI/CC/VE T.L.550x550 POS.09	NR	20	0	
●	PORL.BENE.941	D/TI/CC/VE T.L.1200x750 POS.10	NR	20	0	
●	PORL.BENE.942	D/TL/CC/G/VE T.L.900x700 POS.11	NR	20	0	

MW-Warehouse

Menù

- Anagrafica articoli
- Ordini fornitori
- Richiesta prelievo
- Buoni di prelievo da evadere
- Interrogazione di magazzino
- Inventario di magazzino

EXIT

Real Time Localisation System:

Goals: real time location of the vehicles

Used technologies: Wi-Fi tags.

The tool is equipped by a Wi-Fi tag which can communicate with the **existing Wireless** infrastructure (don't need to invest in a new Wi-Fi infrastructure)

Synoptic

Immediately display documents, job's data and vehicles location and yacht position in refitting.



Conclusions:

eNautica partners have developed new innovative solutions for the yachting sector

Benetti has adopted and validated these solutions which are currently in use