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# e-Business: what about competences?

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# Computer vs. real life?





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# Real life!

HOME | MODA | SFILATE | BENESSERE & BEAUTY | MAGAZINE | SHOPPING | **LIFESTYLE** | MAISON | BAMBINI | OROSCOPO  
cucina | **hi-tech** | viaggi | motori | nightlife | speciali ▶

▶ SPECIALE FASHION WEEK

HOME / LIFESTYLE / HIGH TECH / BLACKBERRY / SLIDESHOW

## **BLACKBERRY**

Tecnologia e design a disposizione della donna in movimento.

BACK

my marie claire

IL TUO ACCOUNT

LOGIN

REGISTRATI



**Donna con smartphone** - Sono sempre di più le donne che riescono a conciliare la professione con il ruolo di mamme grazie all'utilizzo degli smartphone BlackBerry, restando efficienti in ogni momento della loro giornata. Clicca e vinci il tuo BlackBerry ideale!

1 di 2

Per ricordare  
i vostri  
giorni più  
importanti



ADV



**IN REGALO CON MARIE CLAIRE**

Dal 16 luglio in edicola l'allegato Marie Claire Bis Speciale Sfilate Autunno Inverno 2010/11



# e-business

- Humans are getting used to digital “prostheses”
- The first computers were used to increase brain power in extremely narrow and specific tasks (calculus, sorting...)
- Nowadays computers and other digital devices can be widely used to:
  - enhance communication (incl. social networking)
  - access services & buy products (B2C...)
  - work and cooperate between organisations (B2B)

# What is missing?

- Technology is available (though changing)
- Is broadband still the issue?
- Is the range of products and services satisfactory?
- Is the quality of services fully satisfactory?
- Are competences & skills an issue?



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## e.g. Italy (2010 report by DG INFISO)

- Broadband
  - DSL covering 96% of the population [11/27]
  - broadband covering 21% population [17/27]
- Range of products and services
  - public services for citizens 58% online [17/27]
  - 4% pop. selling goods/services online [17/27]
- 30% pop. **never** used the Internet [22/27]

*Italy has made visible progress in recent years in*



# User skills

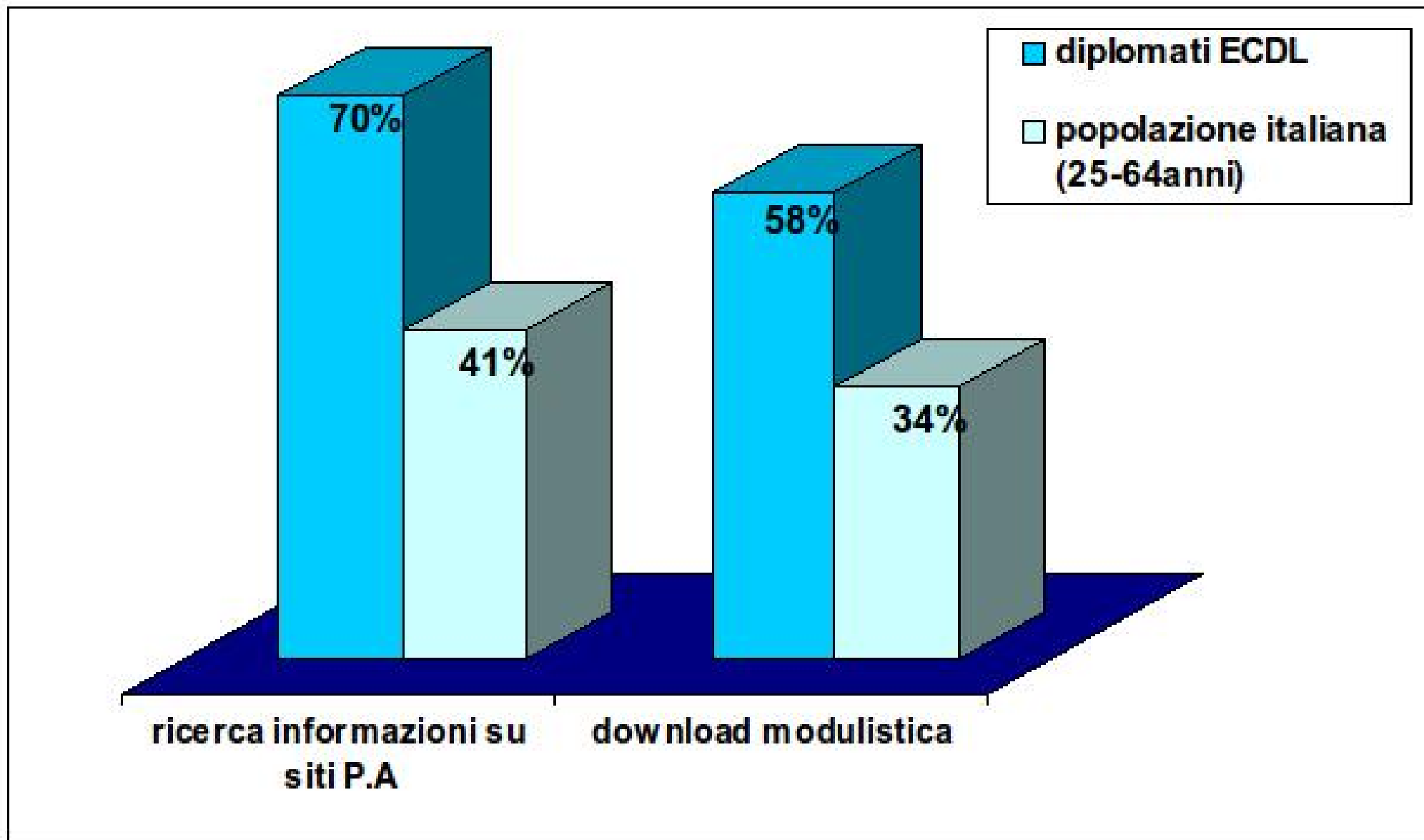


- Unfortunately, skills are still an issue
- Lack of (self-)confidence still prevents most consumers from using e-commerce
- Researches by AICA and SDA Bocconi on the “cost of IT ignorance”:
  - >7% working time wasted due to lacking skills
  - >2500€/year wasted per avg. Employee
  - 10% reduction of waste thru std ECDL training
- However, lack of confidence and time waste depend on bad system performance, too



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# ECDL improves use of e-gov.







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# Quality (1)



## PRENOTA E ACQUISTA IL TUO BIGLIETTO ON-LINE .

VOLO

AUTO

HOTEL

HELP

### Ricerca avanzata

Andata e ritorno [Solo Andata](#) [Multitratta](#)

Date fisse [Cerca le occasioni](#) [Idee di Viaggio](#)

Da: [Cerca Aeroporto](#)

Milano, Linate, Italia

A: [Cerca Aeroporto](#)

Trieste, R.Dei Legionari, Italia

Cerca per:

Prezzo

Orario

Data Partenza:

11/11/2010

Orario:

Intera giornata

classe:

Classica/Economy

Data Ritorno:

13/11/2010

Orario:

Intera giornata

Adulti: Bambini 2-11 anni:

1

0

Bambini 0-23 mesi:

0



Solo voli diretti



solo tariffa intera



+/- 3 giorni

CERCA



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# Quality (2)



[PRENOTA E ACQUISTA](#) ▶

[Modifica il volo](#)

[Scegli il volo](#)

[Dettaglio biglietto](#)

[Dati passeggero](#)

[Acquista](#)

[Ricevuta](#)

SCEGLI IL VOLO DI ANDATA

[HELP ?](#)

Hai richiesto:

Volo ANDATA E RITORNO, 1 Adulto, classe Classica/Economy - ([Cambia date](#))

[SCEGLI](#) ▶

1) da **Milano, Linate** a **Trieste, R.Dei Legionari**, il **11 Novembre 2010**

2) da **Trieste, R.Dei Legionari** a **Milano, Linate**, il **13 Novembre 2010**

La tariffa include tasse, supplementi e servizio di vendita  
Per alcuni metodi di pagamento potrebbe applicarsi un supplemento di EUR 5 per biglietto.

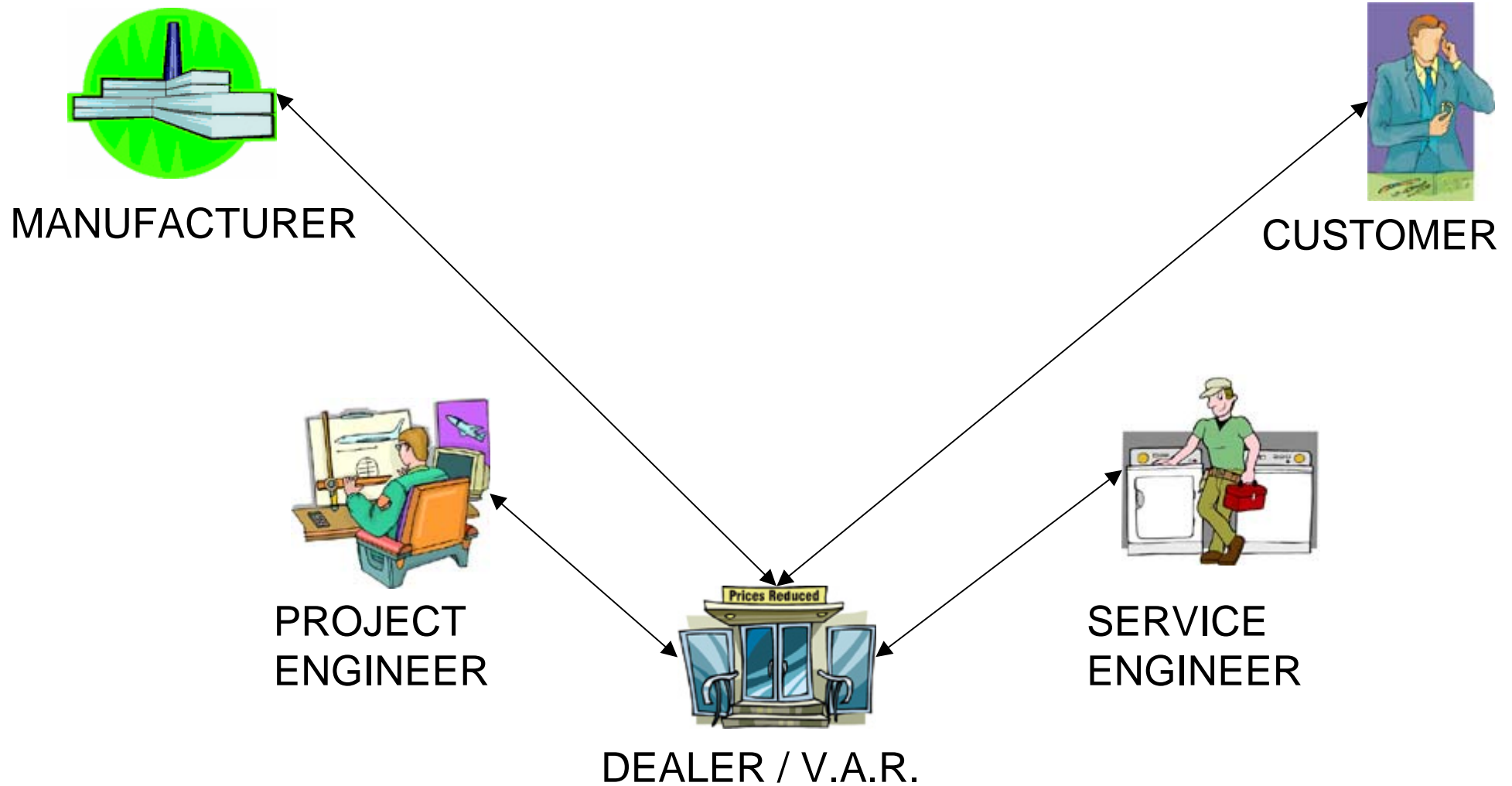
[Segnala ad un amico](#)

Voli diretti			Prezzo ANDATA E RITORNO			
Partenza	Arrivo	Durata	Promo	Facile	Comoda	Libera
Milano, Linate	Trieste, R.Dei Legionari	1h 0'				
<b>09:00</b>	<b>10:00</b>	<a href="#">Dettagli</a>	<input checked="" type="radio"/> <b>EUR 95.68</b>	<input type="radio"/> EUR 221.68	<input type="radio"/> EUR 325.68	<input type="radio"/> EUR 657.68
<b>20:20</b>	<b>21:20</b>	<a href="#">Dettagli</a>	<input type="radio"/> <b>EUR 95.68</b>	<input type="radio"/> EUR 221.68	<input type="radio"/> EUR 325.68	<input type="radio"/> EUR 657.68

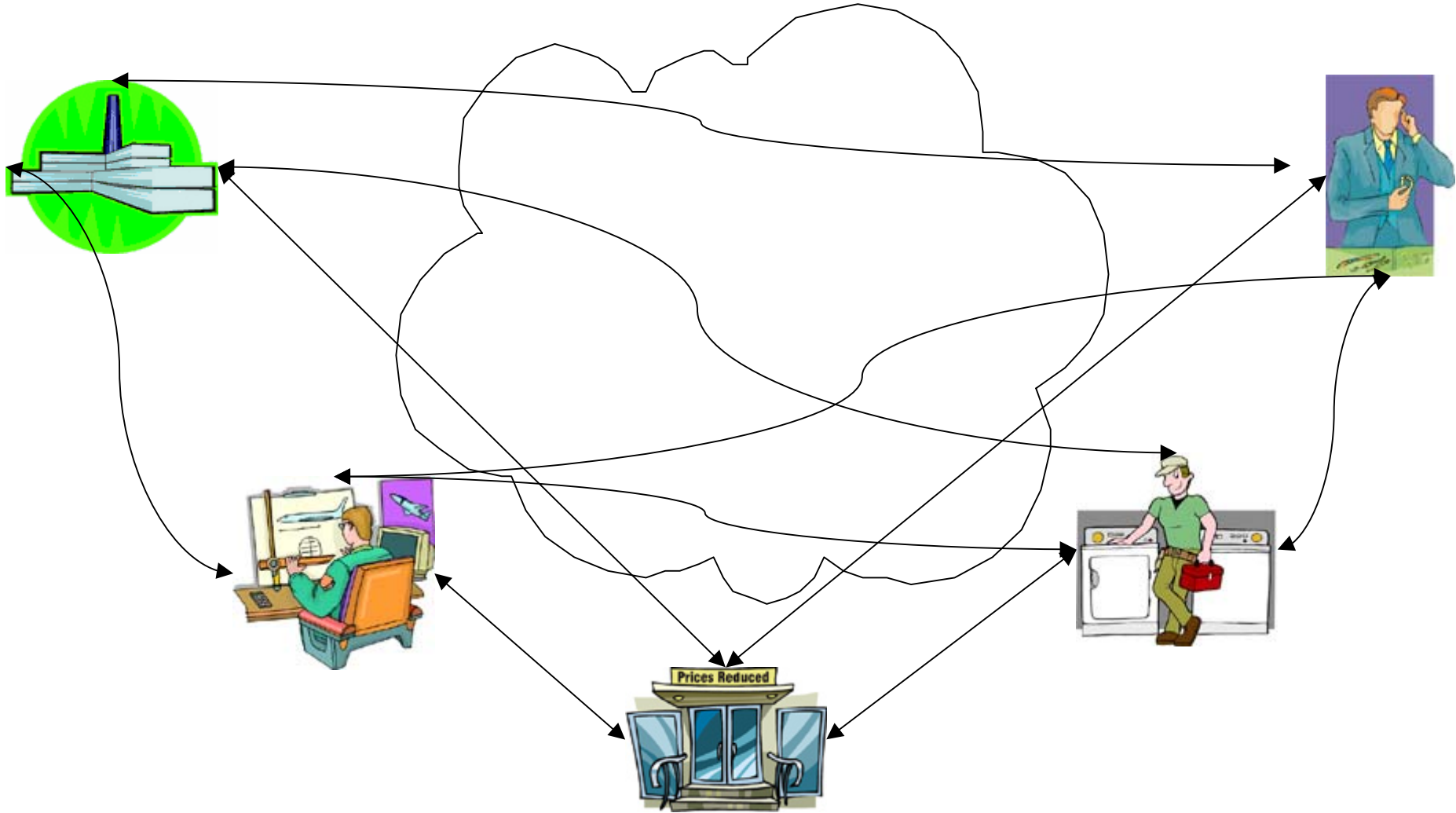
[CONTINUA](#)

Voli con scalo			Prezzo ANDATA E RITORNO			
Partenza	Arrivo	Durata	Promo	Facile	Comoda	Libera
Milano, Linate	Roma, Fiumicino					
<b>06:30</b>	<b>07:40</b>					
Roma, Fiumicino	Trieste, R.Dei Legionari	4h 5'	<input type="radio"/> <b>EUR 170.32</b>	<input type="radio"/> EUR 247.32	<input type="radio"/> EUR 373.32	<input type="radio"/> EUR 693.32
<b>09:20</b>	<b>10:35</b>	<a href="#">Dettagli</a>				
Milano, Linate	Roma, Fiumicino					
<b>07:00</b>	<b>08:10</b>					
Roma, Fiumicino	Trieste, R.Dei Legionari	3h 35'	<input type="radio"/> <b>EUR 170.32</b>	<input type="radio"/> EUR 247.32	<input type="radio"/> EUR 373.32	<input type="radio"/> EUR 693.32
<b>09:20</b>	<b>10:35</b>	<a href="#">Dettagli</a>				
Milano, Linate	Roma, Fiumicino					
<b>07:15</b>	<b>08:25</b>					
Roma, Fiumicino	Trieste, R.Dei Legionari	3h 20'	<input type="radio"/> <b>EUR 170.32</b>	<input type="radio"/> EUR 247.32	<input type="radio"/> EUR 373.32	<input type="radio"/> EUR 693.32

# A “blind” supply chain



# The “supply mesh”





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# The cost of ICT incompetence

- There's a larger visibility on the whole supply chain (e.g. you can know a car better than the dealer even before seeing it)
- Customers need to know what to ask for free (information) and what to pay for (real service)
- **Companies need to have in-house technical competences even when they outsource**
- AICA and Bocconi are studying the cost of lacking competences along the ICT supply



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EUCIP

# Technical + e-business skills

