

La mappa dell'Information Broker®

MOBILE LEARNING

*"Learning anytime, anywhere
Apprendere in ogni istante e in ogni luogo"*

Sezione 1: Definizione

Che cos'è il mobile learning?

Mobile learning è l'uso di soluzioni di apprendimento su strumenti mobili o senza fili - e questo copre un certo numero di aspetti - PC Portatili con connessioni senza fili; PC palmari e telefoni cellulari. Quindi entrambi i termini "mobile" e "senza fili" sono spesso usati in modo intercambiabile.

Titolo: Centres sections: m-learning centre [originale in inglese] - Fonte: e-Learning centre
<http://www.e-learningcentre.co.uk/eclipse/m-learningcentre/>

Che cosa intendiamo con "mobile learning"

Mobile learning è qualcosa che spesso è concettualmente frainteso o semplicemente considerato come un'altra cacofonia dell'industria informatica. Proviamo a demistificare il termine e a stabilire che cosa il *Mobile learning* è o non è realmente.

Che cos'è il Mobile learning:

Mobile learning è la naturale evoluzione dell'e-learning

Mobile learning è solo una componente di una soluzione completa di blended learning

Mobile learning è atteso dai lavoratori soggetti a continui spostamenti

Che cosa non è il Mobile learning:

Mobile learning non è l'erogazione di un corso multimediale su un telefono cellulare

Mobile learning non è solo una trovata pubblicitaria

Mobile learning non è solo imparare su una connessione senza fili

Titolo: About Mobile Learning [originale in inglese] - Fonte:IBM
<http://www-3.ibm.com/services/learning/mobile/whatis.html>

Sezione 2: Approfondimento

M-learning come e-learning?

Non sempre la modularità e la scalarità degli investimenti economici, temporali e lavorativi sono compresi a pieno e perseguiti a fondo: troppo spesso si tende a replicare il desktop learning sul Pda, nello stesso modo in cui si finisce per replicare l'editoria o l'aula nell'e-learning in genere. Vale dunque la pena sottolinearlo: l'm-learning è - gioco forza - superficiale, non è l'e-learning e non lo sostituisce (se non dove funziona e serve meglio). Non è l'e-learning a risolvere in sé i processi formativi più complessi e raffinati.

Titolo: M-learning per molti ma non per tutti (E: Martignago) - Fonte: Web Marketing Tools
<http://www.wmtools.com/articolo.asp?ID=1025>

Senza fili, in trasferta, m-learning

Insofar as students have traditionally used their time on public transport to catch up on required reading or last-minute revision, *Mobile Learning* has been with us for quite a while. However, today's ICT has significantly extended the scope for learning on the move, and the term 'm-learning' has gained serious currency in describing wireless-enabled learning strategies and processes across the entire gamut of instructional delivery. Current emphases appear to be in remote just-in-time applications, but there are also many instances of m-learning blended into more traditional instructional scenarios -

Donna Abernathy's article [@Work; Get Ready for M-Learning](#) gives the terminology a degree of perspective. In this issue of WTN, we look at some of the ways in which the special qualities of m-learning are exploited, and explore the range of content currently delivered via portable wireless devices.

Titolo: Wireless Learning/ Mobile Learning/ M-Learning [originale in inglese] - Fonte: Web Tools Newsletter
<http://webtools.cityu.edu.hk/news/newslett/wireless.htm>

mLearning: mobile, senza fili, tascabile...

Just what is mobile elearning (mLearning)? It's elearning through mobile computational devices: Palms, Windows CE machines, even your digital cell phone. Let's call them information appliances (IAs), and ask what's cool about this? Imagine...

...The vision of mobile computing is that of portable (even wearable) computation: rich interactivity, total connectivity, and powerful processing. A small device that is always networked, allowing easy input through pens and/or speech or even a keyboard when necessary (though it may be something completely different like a chord keyboard), and the ability to see high resolution images and hear quality sound. It may be that the image is overlaid on the world through glasses that act like a Heads Up Display.

Titolo: m-Learning: Mobile, Wireless, In-Your-Pocket Learning [originale in inglese] - Fonte: Linezine - Learning in the new economy
<http://www.linezine.com/2.1/features/cqmmwiyp.htm>

L'era del Mobile Learning

The evidence is overwhelming that mobile learning is beginning to take hold:

- Over 50 percent of all employees spend up to half of their time outside the office.
- The average employee had less than two days of training in 2002.
- More than 525 million web-enabled phones will be shipped by 2003.
- Worldwide mobile commerce market will reach \$200 billion by 2004.
- There will be more than 1 billion wireless internet subscribers worldwide by 2005.
- Multi-purpose handheld devices (PDA and telephone) will out sell laptop/desktop computers combined by 2005.
- Most major US companies will either switch to or adopt wireless networks by 2008.

Titolo: The Mobile learning Era - Fonte: Empowering Technologies, Inc.
<http://www.empoweringtechnologies.net/mobile.htm>

Sezione 3: Ricerca e aggiornamento

Il progetto m-Learning finanziato dalla UE

m-Learning is a 3-year project funded by the European Commission under the Education Area of the Information Society (IST) Programme. The project will develop prototype products to provide information and modules of learning via inexpensive portable technologies which are already owned by, or readily accessible for, the majority of EU young adults. The products will seek to attract young adults aged 16-18 back to learning, with a focus on developing literacy and numeracy skills, and will assist in the development and achievement of life long learning objectives.

m-learning is drawing on the experience of participants in designing modular multimedia learning materials and games, informed by m-learning's underpinning research, to develop prototype very small learning modules for delivery via a variety of handheld devices. An intelligent tutor system is also being developed including an assessment agent, to help identify needs and learning preferences, plus a tutor agent to help personal learning planning. User trials involving young adults from the target audience will take place in the UK and Italy.

Research within the programme includes:

- investigating of the features offered by current and forecast mobile devices (including mobile phones, palm and pocket PCs) as well as the capabilities of current and predicted mobile communications networks
- researching the motivation, preferences and behaviour of young adults currently using mobile phones and handheld electronic games
- researching the needs and experiences of young people with sight or hearing difficulties
- reviewing current and emerging standards and specifications for learning materials development and meta-tagging

in order to ensure interoperability with other learning systems monitoring research into possible health hazards associated with excessive use of mobile phones

Titolo: Research summary - Fonte: m-learning Project Consortium
<http://www.m-learning.org/index.html>

Sezione 4: Studio di casi

In molti casi m-Learning è già una realtà

In Enel il personale addetto alle letture dei consumi sarà attrezzato con un Pda iPaq per trasferire i dati dai contatori elettronici agli archivi aziendali. Contrariamente a quanto si poteva temere, gli operai anche con poca o nessuna esperienza informatica non hanno incontrato particolari difficoltà a utilizzare il computer palmare, apparso subito decisamente più agevole di un notebook. Si sta anche ragionando per distribuire i Pda agli operai che hanno necessità di aggiornamenti e consultazioni rapide.

Titolo: M-learning per molti ma non per tutti (E: Martignago) - Fonte: Web Marketing Tools
<http://www.wmtools.com/articolo.asp?ID=1025>

Sezione 5: Le risorse in rete per approfondire

e-Learning Centre: e-learning information and services

Here are some resources (including links to projects) on mobile learning (or m-learning).

See also

[m-Learning Centre](#) for aggregated resources about mobile/wireless learning from across the e-Learning Centre website.

Titolo: Library:trends and technologies - Mobile learning Fonte: e-Learning Centre: e-learning information and services
<http://www.e-learningcentre.co.uk/eclipse/Resources/mllearning.htm>

m-Learning forum

The m-learning Forum has been established to encourage new business opportunities and stimulate mobile learning products and services within the overall Learning Business. This in turn will create new opportunities for widening access to learning in order to reduce social exclusion and opportunities for the continuous up-skilling of the workforce in order to maintain competitiveness.

Titolo: m-learning Forum - Monitoring developments in mobile learning, ... - Fonte: Pjb Associates
<http://www.pjb.co.uk/m-learning/>