

General Product Information

KnowledgePulse



Small steps
to great knowledge



Small steps...

Knowing instead of being aware

The Internet and the World Wide Web have shown that we may be aware of much, but we have trouble remembering things precisely. With the Knowledge Pulse®, the step from being aware of something to knowing something is just a small one – a MicroStep. Whether it involves a language course, a project management seminar, or product training: transferring what “you heard somewhere” into thorough knowledge seldom succeeds.

It is difficult enough to find the time to further your education – often, there is also little time to attend classes and spending even more time at the computer just to eLearn is tedious.



We understand. That is why we developed MicroLearning with the Knowledge Pulse®. All of us can learn in small steps. And many small steps lead us onward and promote learning success, even when our goals lie far ahead.

Further education must pay off

Often, eLearning fails to fulfil learners’ expectations. High dropout rates prove that classroom training without a teacher is of little benefit. Many learning methods have deteriorated into mere portals for downloading .pdf and .ppt files. In the end, this approach fails to save costs, as updating content often turns out to be prohibitively expensive. By contrast, MicroLearning with the Knowledge Pulse® is tailored to learners’ individual needs and can be done in passing. Best of all, the Knowledge Pulse® makes it as easy to manage and update content as it is to take small learning steps.

Having time to learn

Knowledge Pulse® facilitates integrated learning. Learning steps are suggested automatically during work breaks and can be completed without taking up much time or requiring a specific learning environment, thus eliminating set-up time. Information is delivered continuously and at the right time and place. Excuses don’t stand a chance!

Learning becomes fun!

Opportunity promotes learning. Without academic drill, ambition arises by itself, playfully – with each correctly answered question, learners come one learning step closer to reaching their goal of

mastering a language, obtaining a certificate, or attaining the desired promotion. With MicroLearning, even the broadest subject is split into small training units. The individual learning steps are offered only whenever the user happens to have time. This approach makes it possible to complete up to twenty learning steps per day.



No additional effort required

The Knowledge Pulse® runs on all standard devices such as the PC, notebook or mobile phone. Each of these devices is able to display the small learning steps. The innovative MicroStep Manager® runs in the background as a server, directing and recording each learner’s individual learning progress and ensuring constant, long-lasting learning success.

Successful applications

Corporate learning: business seminars and in-house training academies

Language training: foreign languages for everyone!

Certification training: qualify for a better job!

Deepen your knowledge

In conventional classroom training, training units are distributed over a longer period of time. Many participants find it difficult to keep abreast of the learning content in-between lessons. It is thus frequently necessary to review the content of previous units during class, needlessly wasting time. This is why, once the training is over, participants often quickly forget what they have learned.

The Knowledge Pulse® addresses these particular issues, increasing the success of corporate learning. It makes it easy to review learning units after class and continue learning. The Knowledge Pulse® is easily implemented into existing IT infrastructures which allows businesses to adopt it quickly and cost-effectively. Use of the Knowledge Pulse® significantly increases the benefits of initial- and further training for businesses. Furthermore, the system records both the lasting build-up of knowledge and the employees' level of proficiency, thus making them easy to measure.

Corporate academies

The Knowledge Pulse® in corporate learning: European banks make use of the Knowledge Pulse® to supplement classroom training, employing it for in-house training such as customer consulting.



Certification training



Since early 2005, training- and certification provider Quality Austria has been training Corporate Social Responsibility Managers with the help of the Knowledge Pulse®, as it ensures that learners acquire knowledge in a lasting manner.

Language courses via mobile phone

The largest Polish mobile phone service provider is offering its customers the opportunity to learn English and German quickly and easily - with their ordinary mobile phones. Straightforward handling lets participants quickly attain learning success in an uncomplicated manner, in accordance with the Common European Framework of Reference for Languages. The Knowledge Pulse® regularly sends out learning impulses which are easily integrated into users' daily lives.



GET MORE

Knowledge Pulse® instead of exams

CMEasy – the online pneumology curriculum. Austrian doctors now have the opportunity to participate in further training at their computers, from the comfort of their home or at their workplace, instead of having to attend expensive congresses.



Österreichische Gesellschaft für Pneumologie
Austrian Society of Pneumology

They are aided by the MicroStep Manager® which coaches them during their personal learning steps. The Knowledge Pulse®'s automatic documentation of correctly completed learning units provides the foundation for certification according to the CME curriculum.

...to great knowledge

Research Studios Austria Forschungsgesellschaft mbH

Research Studios Austria Forschungsgesellschaft mbH (RSA FG) is a network of flexible, market-oriented research and development units spanning all of Austria. The individual Studios are established close to clients and centers of expertise. The Research Studios develop products and services in the areas of eTechnology and Smart Contents. The Research Studios are partners in national and European research projects, contributing to the increase of innovation and know-how in Austria with their commitment.

Rapid Prototyping & iterative reframing

The research and development conducted at the Research Studios follows a rapid prototyping process in order to iteratively optimize results, refine them in line with market requirements, and shorten the time span between the initial idea, its conceptualization and its development into usable applications. With its interdisciplinary and application-oriented activities, Research Studio MicroLearning & Information Environments forms part of a regional and international network and researches and develops innovative systems at the exciting intersection of learning, knowledge, and ICT. Based on thorough

analysis of the medialization of all areas of life, the Studio develops future-oriented solutions relevant to economy and industry, as well as public institutions. New forms of working, learning, and knowing are emerging at the meeting points of technology and culture. New models, applications, and methods are now needed to shape these intersections. The virtual courses and classrooms common today will not be able to adequately fulfil the requirements of tomorrow, as they fall short of meeting corporate and scholastic educational needs.

One of the main challenges facing initial training- and further education-, communication-, and knowledge structuring processes lies in creating dynamic and flexible learning environments and information systems which are suited to daily use. Studio MicroLearning & Information Environments addresses this issue by reappraising micro-dimensions. The Studio's approach is geared towards design-oriented didactics and smart media applications. The main focus lies on Integrated MicroLearning (IML) and Integrated MicroInformation (IMI). These principles involve embedding small learning steps and information units into the general workflow, creating the appropriate didactics, and understanding the process of knowledge transfer, evaluation,

and performance assessment, as well as the associated media technologies and administrative systems.

The Knowledge Pulse® constitutes the technical core of the solutions developed by Research Studio MINE. It is a web-based client-server system that is platform-independent and can be employed simultaneously on desktop PCs, notebooks, and all other devices connected to the Internet, including mobile devices. A client ("Smart Switch") is installed on these devices, providing the opportunity to engage in microactivities in accordance with the user's personal learning environment and level of knowledge. The "unobtrusive push" principle is responsible for providing impulses which support processes of learning, information transfer, evaluation and attention management. The server-side MicroStep Manager® records learners' microactivities, evaluates them, and prompts users to take further learning steps tailored to their personal needs. New applications and products – solutions for end-users as well as businesses and institutions: www.researchstudio.at

Invented by RSA FG

Knowledge Pulse® is a research product developed by Research Studios Austria Forschungsgesellschaft mbH www.researchstudio.at

Further information about the Knowledge Pulse®

Research Studio MicroLearning & Information Environments
Research Studios Austria Forschungsgesellschaft mbH
www.knowledgepulse.com

Further information about MicroLearning

Research Studio MicroLearning & Information Environments
Research Studios Austria Forschungsgesellschaft mbH
www.microlearning.org

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Product liability

Research Studios Austria Forschungsgesellschaft mbH shall not be held liable for damages ensuing from incorrect installation or inappropriate usage of the Knowledge Pulse®.

General Terms and Conditions

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