

futureLAB develops digitalSTROM® Server

futureLAB Press release, 3rd October 2008

digitalSTROM® is the new standard for electrical intelligence and combines power and information via existing power lines. The technology is better than powerline or wireless. It is simple to use and helps to save energy.

digitalSTROM.org is a Non Profit Organisation. It was founded at the Swiss Federal Institute of Technology in Zurich in order to develop digitalSTROM® into a worldwide standard. An alliance of companies, organisations and research institutes collaborating to network electric devices via existing power lines in an energy efficient, user friendly and secure way. Simple and reliable and without causing added cost.

The goal of the digitalSTROM® Alliance is to equip every household with intelligent electric devices. The so-called «smart home», currently a luxury only available to the rich, should be available to every household in the near future.

In the public building sector, the digitalSTROM® Alliance aims to further the networking of existing electrical devices in order to improve comfort and functionality, also in older buildings.

Users of digitalSTROM® profit in many ways from the new technology. On the one hand it increases the comfort while it is easy to use. On the other hand digitalSTROM® helps to measure and save energy. The whole system is based on plug&play intelligence with no need for new cables or retrofitting requirements. This results in high compatibility with existing infrastructures and systems. Further advantages are the low-cost and the minimized installation requirements, which makes digitalSTROM® predestined for the mass market.

Some interesting applications of digitalSTROM® are diming of energy saving lamps with common push buttons, measuring of energy consumption of single devices and the «All-Off-Button» which turns off all the important devices such as the stove or the light, when leaving the house.

futureLAB's part in the cooperation with digitalSTROM® is the development of the digitalSTROM® server. The server controls all the devices in a multiroom flat and collects all the consumption data in real-time. This allows the visualisation and adjustment of all the data of a device and a simple and secure access to each single device. The other important task is the secure connection to the Internet. Third party developers could use futureLAB API's to develop their own applications. This allows them to get information about the multiple devices and to send control commands to the flat.

Apart of the development of the digitalSTROM® Server, futureLAB plays a major role for the future trend of the standards within the digitalSTROM® Alliance. Further futureLAB supports companies in their own development of digitalSTROM® applications and conducts whole turnkey projects as an outsourcing partner. futureLAB has in-dept know how in the area of Internet and Application development combined with specific experience in mobile and web based control of buildings.

About digitalSTROM®

digitalSTROM® is the new Standard for electrical intelligence. Power and Information via existing power lines. Better than Powerline or wireless! Energy, comfort and security. Simple operation. Plug&play.

digitalSTROM.org is a Non Profit Organisation. It was founded on 7.7.2007 at the Swiss Federal Institute of Technology in Zurich in order to develop digitalSTROM® into a worldwide standard. An alliance of companies, organisations and research institutes collaborating to network electric devices via existing power lines in an energy efficient, user friendly and secure way. Simple and reliable and without causing added cost.

The goal of the digitalSTROM® Alliance is to equip every household with intelligent electric devices. The so-called 'smart home', currently a luxury only available to the rich, should be available to every household in the near future. In the public building sector, the digitalSTROM® Alliance aims to further the networking of existing electrical devices in order to improve comfort and functionality, also in older buildings.

<http://www.digitalstrom.org>

About futureLAB

futureLAB is a software development company founded in May 2000 by its employees. The engineering team consists of very experienced Internet software and network specialists. All members of the management team have a track record of successfully building new products, lines of business and entirely new businesses that have generated millions in revenue in telecommunications and Internet industries. futureLAB specializes in the design and implementation of innovative software solutions. futureLAB systems are being used worldwide as appliances or managed service by more than thirty partner companies like cablecom, Swisscom, SF TV (Swiss TV), Zurich Police Department and others which are offering services to end-users.

<http://www.futurelab.ch>

For further information, please contact: futureLAB AG, Mr. Christoph Bochsler, VP Marketing, Phone +41 52 260 22 22, Fax +41 52 260 22 23