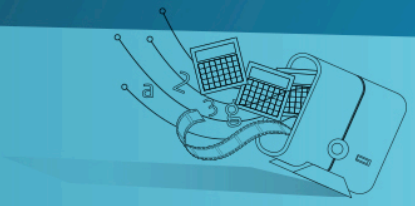
Post

Managed Connectivity

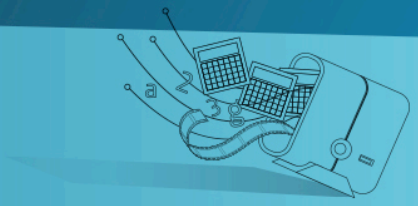


World Savings Day: six actual cases of M2M contribution to cost efficiency

Wednesday, 31 October 2012

Much of M2M is about efficiency and savings. Today, to celebrate World Savings Day, we wanted to explain some of the actual cases that show that this technology stopped being the future to become the present. Smart systems can save gas, electricity, fuel, time, water, what at last is always also a money saving.

- Part of the electrical consumption occurs due the lack of information by the users, who don't know how and when they are spending energy. Smart meters are the solution to this problem. In Ontario (Canada), where this type of meters has been implanted, households have reduced a 6.5% their consumption. The 75% of the users are able to obtain savings playing with the different hourly rates.
- The same thing happens with water. In Australia a significant reduction of water consumption (7%) was enabled through a combination of actions that include from regulatory restrictionsto the provision of information on the expenditure in comparison with the target set for the city.
- The public transport of Singapore, where every day more than 20 million transactions take place, has managed to eliminate 80% of the errors in these operations. The achievement took place thanks to the unification of the payment method: electronic and through the mobile.
- Have you ever seen a garden with an irrigation system working in a rainy day? It'll never happen with a smart system. An example is Sant Cugat del Vallés (Barcelona, Spain), where the level of moisture of the gardens is measured by sensors that have allowed savings of 20 % in the water used in irrigation.
- In Stockholm, a traffic control system that facilitates the recording of license plates sends an invoice to the driver address and automatically collects the payment of tolls by online banking has managed to reduce traffic by 20% and emissions by 12%.
- Smart lighting is a solution that allows a city to easily schedule lights on or off and set dimming levels of individuals or groups of lights so a city can intelligently provide the right level of lighting needed by time of day, season, weather conditions or motion detection. The city of Lyon (France) has started to develop this technology that,



combined with more efficient systems (such as replacement of traditional bulbs by leds), has achieved savings close to 80%.

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