

Post

Utilities and Sustainability



Smart offices: less expensive is smarter

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When the professional sector you belong to was one of the main economic engines in your country and now it has collapsed, you know you are in trouble. That was the feel of every Spanish architect in 2008. My partner Pedro García-Llamas and me had to re-think the business, so we decided to make a strong bet for innovation. Since then, our objective is to offer our clients the best spaces to work in, with a clear message for all of them: You will save costs.

Saving is a goal that must be achieved through the use of many elements. Spaces themselves must be affordable for every business and at the same time fulfill all their requirements.

Efficiently managed energy entails a huge decrease of costs that we try to implement in every building. For example, in the efficiency project for the Business Innovation Center in Malaga ([BIC Euronova](#)), we will [reduce the carbon path](#) in 16,91 T of CO₂, equivalent to plant 2,818 trees; All thanks to a more efficient LED lighting and use of smart meters.

Besides of space and energy, we consider the IT infrastructure as a key part in every business strategy. A recent Ovum report shows that the [80% of companies does not manage the Bring-Your-Own-Device-Phenomenon](#). It is not just a problem of IT management but pure capacity. Nowadays, an increasing number of workers are using connected devices (tablets, smartphones...) and the IT infrastructure for such quantities is, in many cases, insufficient. Considering that connected devices market [will reach \\$1,2 Trillion by 2020](#), an adequate IT infrastructure is critical. In this sense, invest in such infrastructure means saving in the future.



But a step forward can be made: those elements could be managed not only individually but centrally. Domotics, and more specifically, M2M-based domotics, are often focused at homes, since offices are more complex environments that require special attention to energy, IT and other elements. However, we think that many SME companies could implement this kind of solutions that allow to manage everything remotely, from a device to a computer. The owner can control its office, store or little business in a smart way, achieving significant cost savings.

German-born architect Mies Van der Rohe said that in architecture less is more. The present and the future have taught us another lesson: less expensive is smarter.



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