

How Internet of Things is changing the energy environment?



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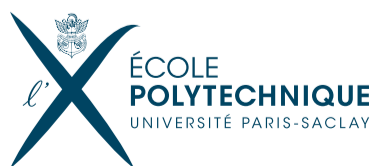
École polytechnique
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16h 00

Départements de Mécanique

Starting from the need to reduce our CO₂ emission by a factor of 2 but the energy demand will double at the same time, I will explain how Schneider Electric has, somehow, been operating over the last decade its transition towards the Internet of Things and one of its most immediate application in helping individuals, communities, industrials and cities to become smarter energy consumers. This includes smart demand plus smart supply plus demand response mechanisms to achieve a smarter grid avoiding black-outs.

I will try to elaborate on how the competitive environment has been evolving towards the extensive integration of customers and business partners in business and value-added processes and how the R&D capabilities have been widely open to new ecosystems.

Conclusion on how the convergence of Information Technology and operational technology are today leading to a more complex environment which is a huge opportunity of operational efficiency for all the stakeholders.



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