

Odin Solutions

Spin-off from the Universidad de Murcia (UMU) based on more than 7 years in the research and development on remote monitoring and sensor control systems







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Why we decide to have this step:

Needs:

- We have been looking for solution to retain the knowledge represented by the researchers working with us
- Lack of ternure track within research institutions

Opportunities:

- Maturity of the technologies we have been developing with extensive testing based on collaboration with industries
- The flexibility/modular design that allows several usage of the same baseline
- The University Smart campus deployment that brings a 30 building and 60 vehicles showcase

Challenges

Create a company with UMU participation (2 years of discussion or royalties, etc)

Define a business model for the IoT ecosystem

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Spin-off leveraging on IoT technology and different enablers developed over several years:

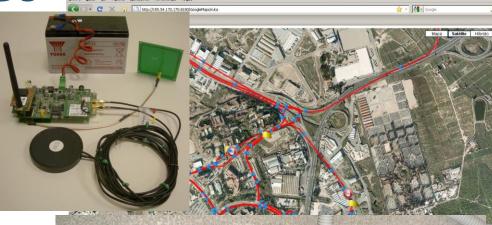
- Integration of heterogeneous sensors in a common IPbased gateways
 - KNX, HVAC, Deli, CAN, propietary alarms system, etc
 - 6LoWPAN support for new sensors
- SCADA web system for monitoring and actuation over sensors with an editor for defining interactions
- Results in the domotic, sensor fusion and the remote monitoring and operation on agricultural deployment

We have a solid baseline based on an innovation and technology transfer approach



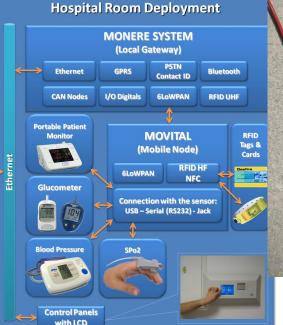
Technology Enablers





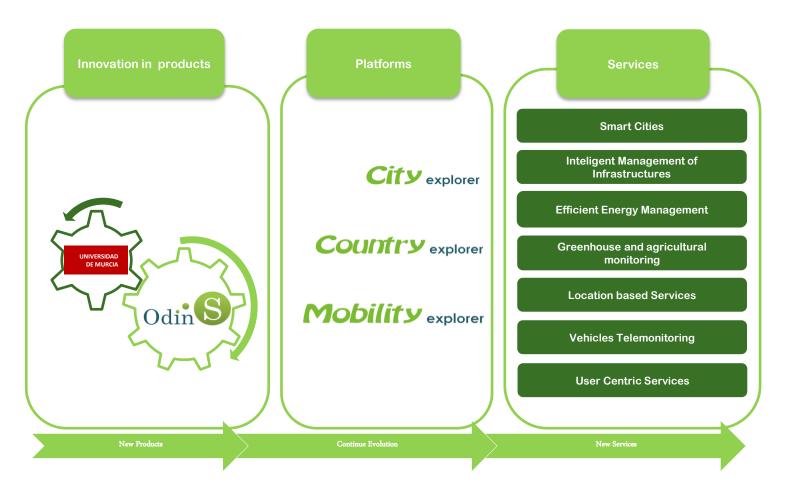


Internet





OdinS: ¿What is offering?

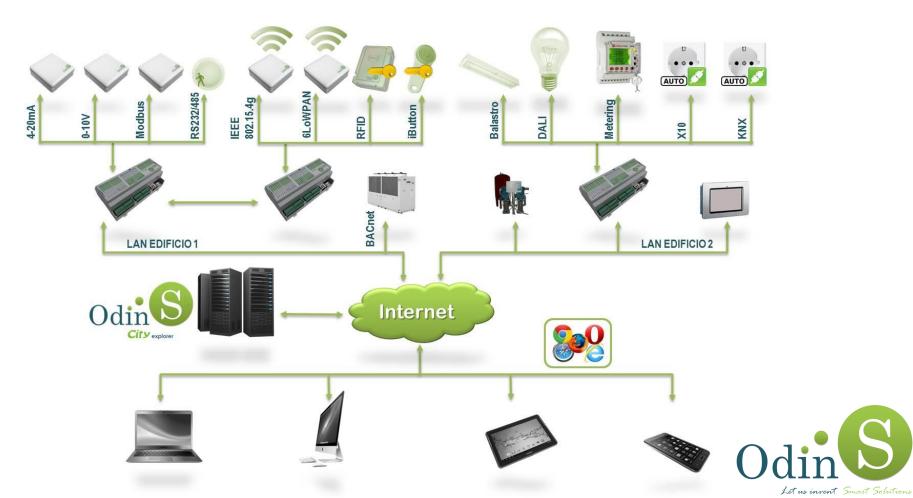






Platform of Monitoring and Control

Cityexplorer



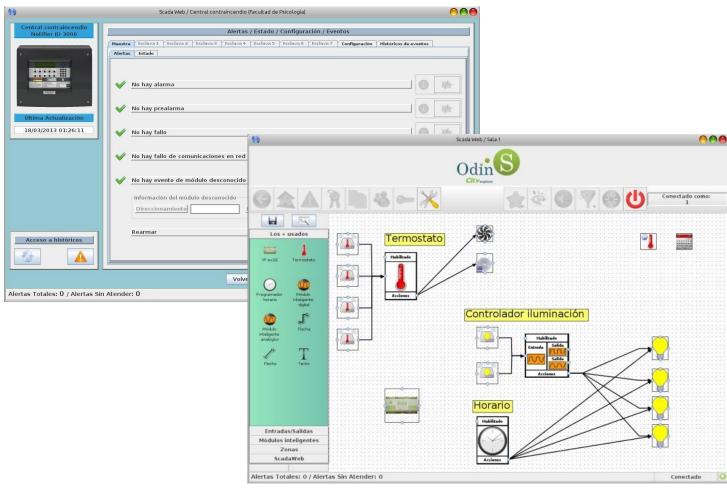
Smart Buildings



Monitoring of Energy Production



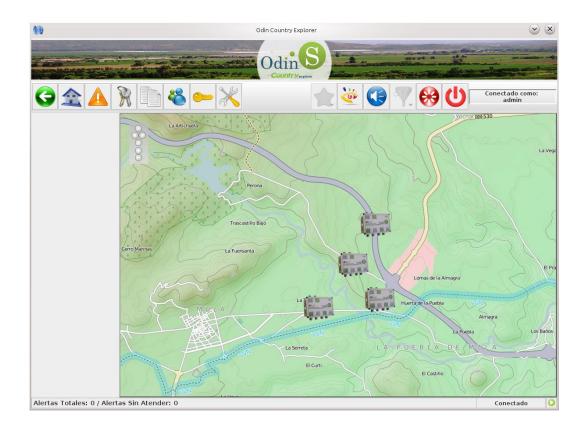
Graphic Editor of City explorer





Country explorer

- ✓ Monitoring of crops
- ✓ Irrigation







Mobility explorer

- (Desconocido)



Tele-monitoring



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Lesson learnt:

- 1. Either maturity of products was tested, still in real life complex situations. Unexpected happens!!
- 2. Many times it is better to sell concrete products/services and not an integrated system as clients do not understand complexity. Always better simple!!
- 3. Open interfaces, standarization and flexibility in the integration is key to be competitive. Apple/Microsoft business model are the exception!!
- 4. Good start is using distributions channels and collaborating companies. It is difficult to conquer the world in short time!!
- 5. IoT is a novel market, still many misunderstanding, Legacy exists!!

Lesson still to be learnt ©

- 1. How to maintain innovation while the everyday consumes your time. Is there life out there?
- 2. User involvements mechanism for better acceptance of apps. Clients are always right!!

Let us invent Smart Solutions

