Open Smart Grid Platform

An Open source IoT platform for large infrastructures
Why did we develop the Open Smart Grid Platform?
The Open Smart Grid Platform architecture

Open Smart Grid Platform

- Application integration layer
- Domain layer
- Core
- Protocol Layer

Applications

Communication network (TCP/IP)

Smart devices

Use cases:
- Smart Lighting
- Smart Metering
- Microgrids
- Distribution automation*
- Load management*
- Device management*

* In development
The Open Smart Grid Platform architecture

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Key features Open Smart Grid Platform

- Fully Scalable; dynamically scaling up and down with number of devices
- State of the art security
- Generic; not limited to one use case, or specific device(s)
- Open source and based on open standards
Demo

Open Smart Grid Platform
Recap on what we saw

Open Smart Grid Platform

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- Protocol Layer

Communication network (TCP/IP)

Applications

Smart devices

Message Queue

Transaction #1

Transaction #2
Join the Open Smart Grid Platform project!

Visit our Github community @ Github.com/OSGP

Read our documentation @ documentation.opensmartgridplatform.org

Connect your hardware or applications

Drive innovation
Thank you!

www.OpenSmartGridPlatform.org

www.SmartSocietyServices.com