OSGi Alliance

Patrick Olinet

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The market leader of Power & Control

Two Core businesses

- **Electrical Distribution**
  - Supplying electricity reliably and in complete safety

- **Automation & Control**
  - Controlling, monitoring, and protecting machines and equipment

Four Core markets

- **Energy & Infrastructure**
  - 17% of sales
  - Water Treatment, Airports, Tunnels, Telecommunications, Data Centers, etc.

- **Buildings**
  - 41% of sales
  - Offices, Stores, Factories, Hotels, Hospitals, etc.

- **Industry**
  - 32% of sales
  - Food & Beverage, Automobile, Packaging, Pharmaceuticals, etc.

- **Residential**
  - 10% of sales
  - Single-Family Homes, Apartment Buildings
**OSGi at Schneider**

- Offers gateway technology that meets Schneider’s needs

- Will be used in the 4 core markets of Schneider. Typical use cases:
  - Internet/Intranet infrastructure for energy efficiency services
  - Home control gateway (linked to other gateways)
  - Connection between IT & industrial devices
OSGi : future needs

- We haven’t tried nor developed any remote management solution yet…

- But one will be needed sooner or later

- Standardized features wished :
  - remote services management : deployment, activation, status monitoring, deactivation and removal (10000+ gateways for residential market)
  - remote platform configuration : must allow to modify bundles permissions on the fly
  - remote services configuration : to handle general or specific parameters
  - security delegation : a main administrator could delegate bundle deployment/configuration permissions to service administrators
  - must work from the Internet network (firewall)

- Some solutions may already exist ? Are they standardized ?