

OSGi Alliance

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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

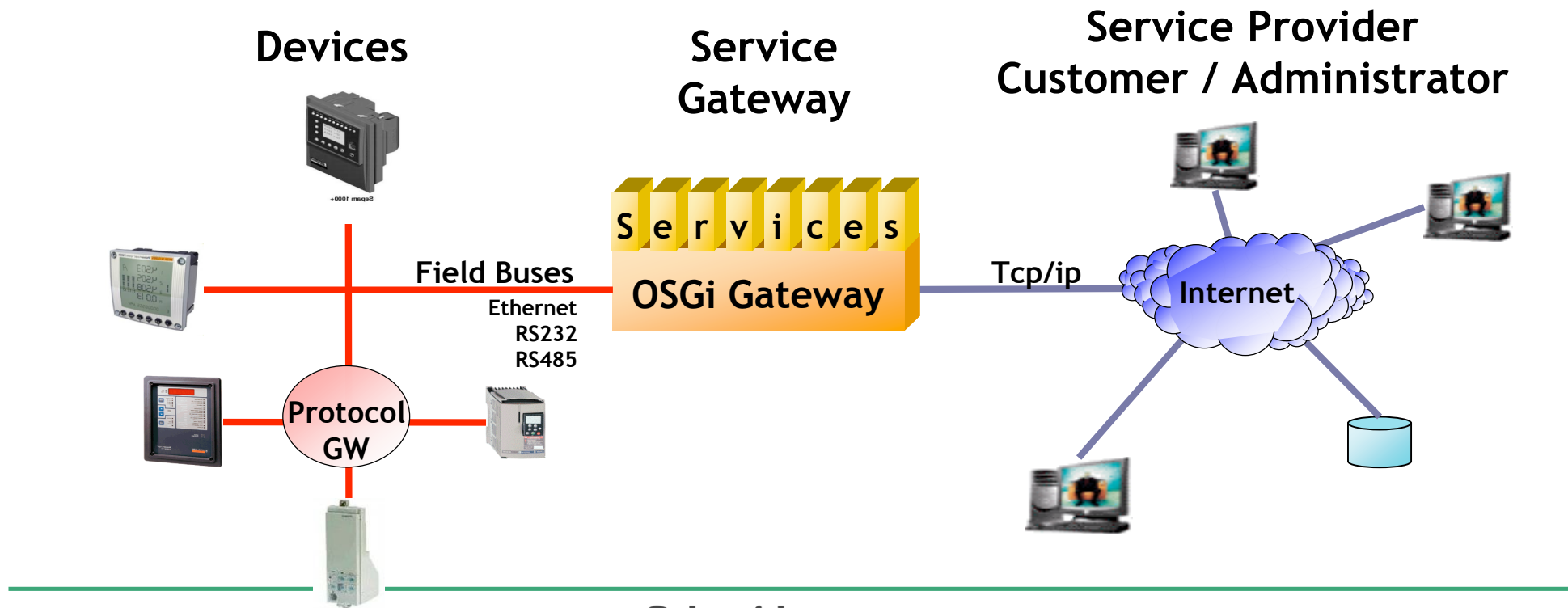
- ✍ 32% of sales
- ✍ Food & Beverage, Automobile, Packaging, Pharmaceuticals, etc.

→ 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 ?