



# Alcatel view on Remote management for OSGi services

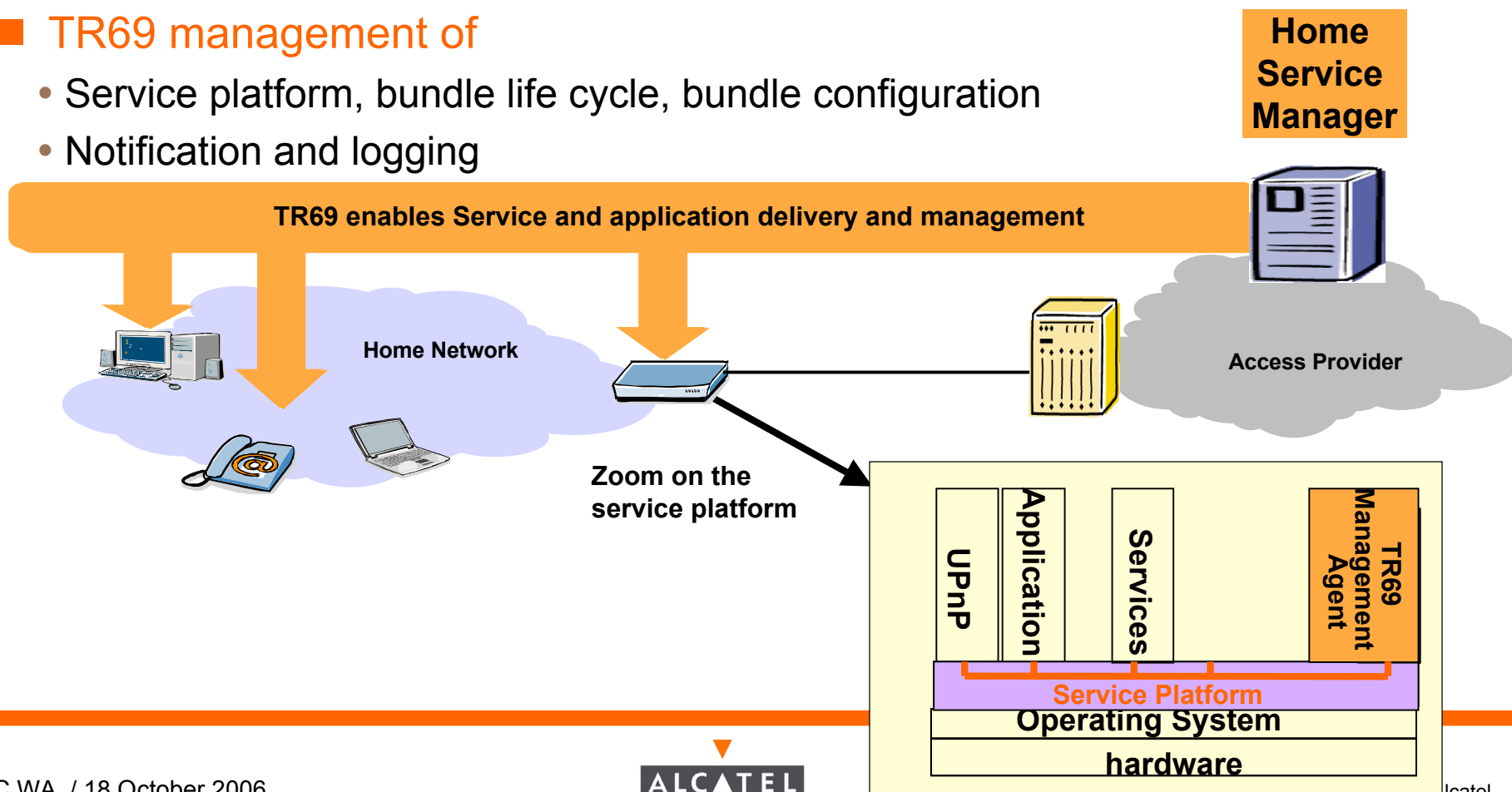
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# Alcatel view on remote management of services

Demonstrator showing:

- TR69 Management Agent on home Service Platform
- TR69 management of
  - Service platform, bundle life cycle, bundle configuration
  - Notification and logging



# TR69 advantages for service management

- DSLHome (from **DSLForum**) uses TR69 for
  - Auto-configuration and dynamic service provisioning
  - Software/firmware image management
  - Status and performance monitoring
  - Log file, and dynamic notification
  - Diagnostics
- TR69 features
  - TR69 has notion of sessions over TCP/IP (**integrity, authentication, security**)
  - Simple TR69 object model and profiles (all standardized!!!)
  - TR69 is an **event-driven** model
  - TR69 has dynamic **active and passive notification**
- TR69 CPE WAN remote management protocol is **access agnostic**
- TR69 allows **End-users devices** (RG, STB, VoIP,...) management (TR-111)
- TR69 is designed to handle millions of devices (**scalability, robustness**)
- **Interoperability** guaranteed through standardized objects models and plug fest
- **Huge Market traction and adoption** (by SP, chipset vendors, CPEs vendors)

# Our Expectation from OSGi Alliance

All the requirements for a remote management protocol for services and applications in the home network are covered by TR69

Our expectations:

- OSGi Alliance Must keep the choice of remote management protocol **OPEN**
- Need of **Standardization on the interfaces of the bundles**
  - Configuration Admin Service is too limited
  - Need to know how a bundle exports its bundle configuration interface
- Need **support for multiple management entities** (end-users, Service providers, ...)