



ThingPark OS

Designed to help Service Providers automate service activation with greater flexibility and reduced cost through IoT-specific data models & workflows

ThingPark OS enables operators to implement a multi-tenant and multi-vendor solution for a diverse go-to-market and channel strategy. Using the advanced role management system, operators can easily onboard multiple vendors and connectivity providers, and enable business processes with easy solution creation and resale. Billing is managed through simple integration with any operator BSS (Billing Support System). Activity's ThingPark OS generates precise usage detail records (UDR) for each data transaction, enabling easy BSS integration.

Advanced role management



Operators

The Operator enables all possible LPWA models available on the ThingPark platform



Network Partners

Multiple Network partners can manage different isolated networks



Connectivity, Device & App Suppliers

Multiple Connectivity Suppliers can have different offer and pricing strategies



Vendors

Vendors bundle and sell end-to-end LPWA Offers (Device-Network-Apps)



Subscribers

Subscribers are end-customers who subscribe to vendor offers



- 1) Multi-layered Connectivity Networks
- 2) Eco-System Partner On-boarding
- 3) LPWA B2B2C Wholesale Models
- 4) Enterprise Indirect Channels through IoT SIs
- 5) Online Marketplace Models

Service Activation & Business Support	Offer Management	Order Management	Billing & Payment
Service Orchestration Role Management	IoT Bundle Creation Subscriber Management	Supplier Management Vendor Management	Invoicing Online Payment

Key benefits

Invoicing & Payment	<ul style="list-style-type: none"> • Service fulfilment supports IoT-specific pricing models and multiple billing periods • Integration with multiple BSS systems or Activity provided BSS
Offer management	<ul style="list-style-type: none"> • Multiple connectivity models including recurring subscription models & free trial periods. • Offer building with IoT-specific compatibility checks between applications and devices
Order management	<ul style="list-style-type: none"> • Expose order management to Application and Device Suppliers allowing IoT vendors to access activation status information • IoT device supply chain and shipping information
Service Orchestration & Role management	<ul style="list-style-type: none"> • IoT-specific role models and service orchestration to enable innovative IoT business models • B2B2C & B2B2C channel strategies through automated workflows