



Activity

ThingParkEnterprise

ThingPark Enterprise is the most powerful and advanced Internet of Things connectivity platform. Dedicated to enterprise networks, ThingPark Enterprise is the heart of your Low Power Wide Area IoT roll outs.

Affecting every aspect of businesses today is the ability to gather data, analyse and transform it into knowledge to optimize industrial processes, and be more efficient. Deep visibility is necessary to make the right decisions, to reduce costs and to increase revenues. Companies need flexible, scalable, powerful platforms to underpin their digital transformation journey, and ThingPark Enterprise is the answer. Applicable to any and all enterprise IoT use case; it is future-proof, and will grow as you progress in your digital transformation.

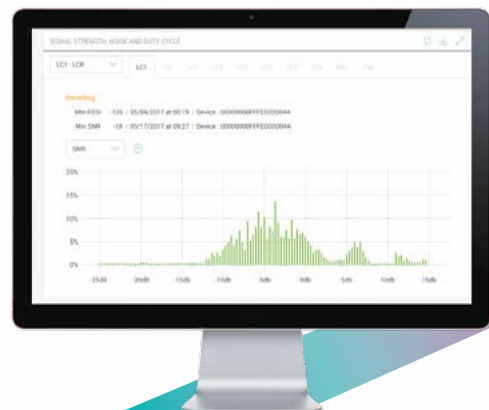
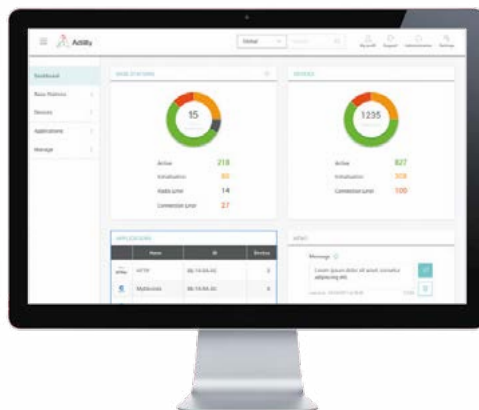
Designed to make IoT projects secure, fast, simple, flexible and cost effective

ThingPark Enterprise is the ideal connectivity solution for all companies implementing the Internet of Things as part of their business and digital transformation. Create and operate a LoRaWAN network, add and manage base stations and devices in a few clicks. The clear and user friendly interface will enable you to easily personalize data collection and exploit data to optimize activities, with real time monitoring of the network. ThingPark Enterprise offers a range of options for routing your sensor data to application servers, popular cloud services, or IoT platforms.

ThingPark Enterprise provides seamless interoperability among Smart Things, respecting and aligning with the markets norms, it is future ready for this rapidly evolving technology.

Highlights

- Secure bi-directional communications between base station and devices
- Device battery life optimization
- Supports class A, B and C devices
- Supports a wide range of LoRaWAN base stations from Cisco, Kerlink, Multitech, UfiSpace and more
- Best in Class LoRaWAN Adaptive Data Rate algorithms
- Connectors and Data-flow features to connect to the cloud
- Join Server included
- Secure Key Management
- Email - SMS alerts and notifications
- Rich suite of APIs
- Choice of deployment method
- Fast and easy roll out
- Highly scalable
- Pay as you grow software subscription model



Solution Specifications

LPWA networks are specifically designed for IoT applications having low data rates and requiring low Total Cost of Ownership. LoRa low power allows record longevity scores for battery powered devices, up to 10 years without recharging for simple sensors. Similarly to WiFi, a dedicated LoRaWAN networks is set up in buildings/factories, or for remote locations, rural areas, mining sites, ships at sea.

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Activity's LPWA solution is fully compliant with the LoRaWAN standard:

- LoRaWAN V 1.0.2(b) compliant
- RF regions supported: EU 868, US 915, AS 923
- Secure connections between Network Server and gateways via IPsec tunneling
- Network management application
- Gateway & device management (RF & Backhaul)
- Packet de-duplication
- Duty cycle optimization for gateway downlink transmission
- User friendly web interface
- Data routing supported protocols: HTTP, HTTPS, MQTT
- Data routing supported cloud connectors: AWS IoT, Microsoft Azure IoT, GE Predix, IBM Watson IoT

ThingPark Enterprise

ThingPark Enterprise license – 1 year subscription

# of Base Stations	ThingPark Enterprise license – 1 year subscription All Packs include ThingPark Essential Support & Maintenance		Part Number
From 1 to 10	SMALL SaaS / 3 ThingPark Dataflow Connectors		GRP0711000
From 1 to 10	SMALL OCP / 3 ThingPark Dataflow Connectors	Hardware Specifications : CPU : 2 cores (e.g. i3-7100 [3.9 GHz]) 16 GB RAM – 1x64 GB SSD – 2RJ45 CentOS7.3 Atomic	GRP0712000
	SMALL OCP HA (Available in V 6.0) in addition to GRP0712000		SW0711110
From 11 to 50	MEDIUM SaaS / 5 ThingPark Dataflow Connectors		GRP0721000
From 11 to 50	MEDIUM OCP / 3 ThingPark Dataflow Connectors	Hardware Specifications : CPU : 4 cores (e.g. Xeon E3-127v6 [3.8 GHz]) 24 GB RAM – 2x1 TB (RAID1) – 4RJ45 CentOS7.3 Atomic	GRP0722000
	MEDIUM OCP HA (Available in V 6.0) in addition to GRP0722000		SW0711210
From 51 to 100	LARGE SaaS / 20 ThingPark Dataflow Connectors		GRP0731000
From 51 to 100	LARGE OCP / 5 ThingPark Dataflow Connectors	Hardware Specifications : CPU : 10 cores (e.g. Xeon E5-264 v4 [3.8 GHz]) 32GB RAM – 2x1 TB (RAID1) – 4RJ45 CentOS7.3 Atomic	GRP0732000
	LARGE OCP HA (Available in V 6.0) in addition to GRP0732000		SW0711310
From 101 and beyond	X-LARGE SaaS / 20 ThingPark Dataflow Connectors		GRO0741000
From 101 to 200	X-LARGE OCP / 5 ThingPark Dataflow Connectors	Hardware Specifications : CPU : 10 cores (e.g. Xeon E5-2670v3 (12 cores / 24 vCPUs). [3.8 GHz]) 64GB RAM – 2x200 TB (RAID1) – 4RJ45 CentOS7.3 Atomic	GRP0742000
	X-LARGE OCP HA (Available in V 6.0) in addition to GRP0742000		SW0711510

Gateways yearly subscriptions

LRR software license – 1 year subscription	Macro Base stations/Gateways Unlimited Traffic	SW0701400
LRR software license – 1 year subscription	Nano Base stations/Gateways Limited to 25000 transactions per day per base station within regulations	SW0701500

About Activity : Activity connects the industrial internet of things. The ThingPark LPWA solution platform connects sensors to cloud applications at any scale, from global or national networks to on-campus enterprise solutions, managing devices, data flows, security and monetization. Activity is a pioneer of LPWA network technology and co-founder of the LoRa Alliance.



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www.activity.com

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