



Enabling IoT network operators to create more value in the data and application layers

Actility's ThingPark X platform provides application enablers including data management and storage, and high performance algorithms and predictive analytics for key Industrial IoT domains such as manufacturing, utilities and agriculture. ThingPark X is complemented by a suite of integrated solutions including process modelling, machine learning engines, automated and real-time control algorithms.

End-to-end data life cycle

Route		Store		Decode		Transform	\triangleright	Ingest	
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Analytics & Control
Process modelling
Control algorithms
Aggregation server
Predictive models

& exposure Cloud connectors DX Bridge IoT Decoders IoT drivers DX Provisioning APIs

Data transformation

Applications Geolocation server Smart Demand Response Smart Water management

Key benefits

Easy Application Server Integration	 Dedicated payload library allows for fast integration with any 3rd party application servers allowing for faster App development Integrated cloud decoders allow connection with leading IoT Cloud platform providers like AWS, Azure or Bluemix
Analytics & Process management	 Enables "making sense" of the data and supporting smart decisions in applications such as process optimisation or predictive maintenance Vertical dedicated applications available for out-of-the-box implementation
Data management & transformation	 Queuing management to avoid data loss as a result of problems Protocol adaptation to transport 3rd party Apps over LoRa Big Data storage with access right & quota management implementation
APIs	 Device management through APIs for integration to 3rd party management tools