IoT Workshop on AT&T M2X Data Service APIs



Connect Your M2M or IoT device to the AT&T M2X Data Service



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Overview of the AT&T M2X Data Service

m2x.att.com

Labs

- Create account
- Exercise 1 Creating and Using a Data Source Blueprint
- Exercise 2 mbed and M2X
- Exercise 3 Add triggers and notifications
- (optional) Exercise 4 Server application



The Connected Device Ecosystem

























Today: 10 Billion devices

50 Billion

2020*

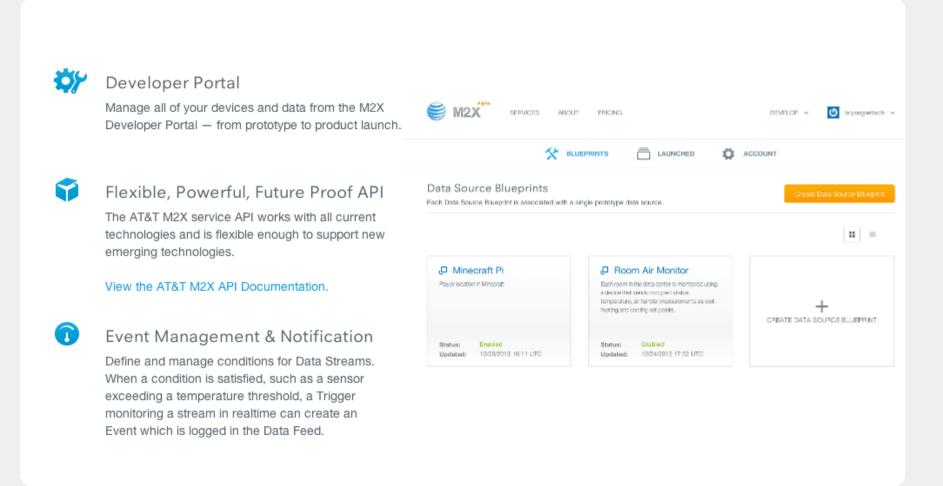
*http://newsroom.cisco.com/feature-content?type=webcontent&articleId=1208342





Cloud-based fully managed data storage service for network connected machine-to-machine (M2M) devices.









Developer Portal

Manage all of your devices and data from the M2X Developer Portal — from prototype to product launch.



Flexible, Powerful, Future Proof API

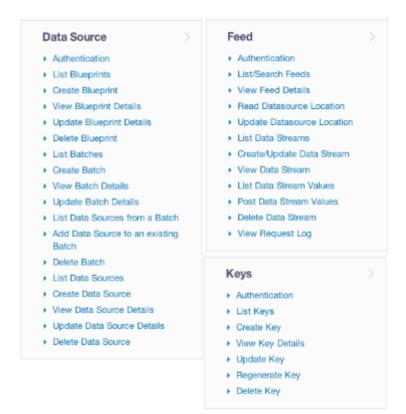
The AT&T M2X service API works with all current technologies and is flexible enough to support new emerging technologies.

View the AT&T M2X API Documentation.



Event Management & Notification

Define and manage conditions for Data Streams. When a condition is satisfied, such as a sensor exceeding a temperature threshold, a Trigger monitoring a stream in realtime can create an Event which is logged in the Data Feed.







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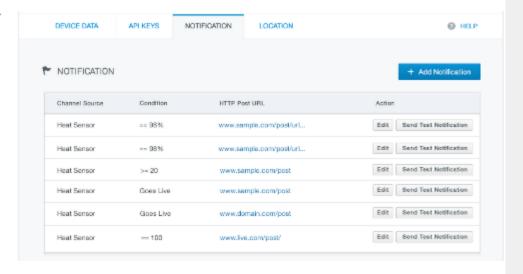
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Data Security

Industry standard data security helps to safeguard your data. Our granular key based permissioning and key management allows you to restrict access to only your trusted partners.



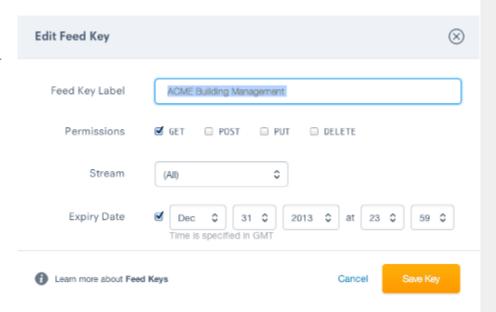
Store and Distribute Your Data

Development and production device data is automatically logged and monitored, and flows into Data Streams categorized by data type (ie. temperature, humidity). Each device, or Data Source, is identified by an API Master Key.



Real-time Analytics

Extract real-time data from your connected devices to enable your business to make important decisions quickly.







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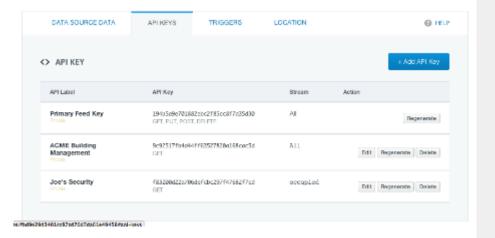
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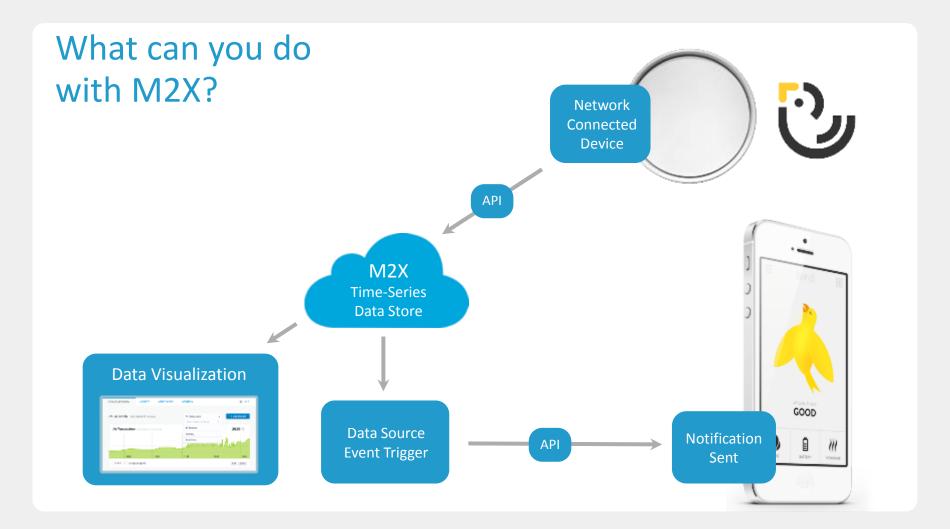


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Core Terms & Concepts

Blueprints

Data Sources

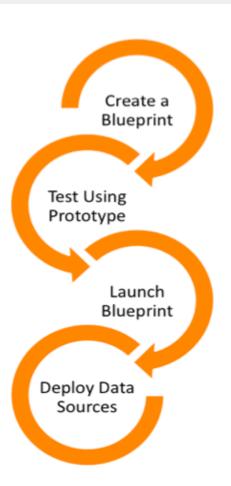
Streams

Triggers

Batches

Master API Key

Feed API Key





M2X works with any IP capable device!

Client Libraries:

























Online access to tutorials, API documentation and community support forums ensure you have access to the information you need to develop your product.

Signup:

m2x.att.com/signup

Get Started:

m2x.att.com/developer/get-started

M2X GitHub Repos

github.com/attm2x

API Documentation

m2x.att.com/developer/documentation/overview

AT&T Developer Program

developer.att.com

