



AGNOSTIC DEVICE MANAGEMENT PLATFORM

The Agnostic Device Management Platform is a tool which is designed to predict and troubleshoot device health related issues regardless of the device brand and its manufacturer.

ADMP integrates and collect data from various data sources:

- Device itself such as models, firmware versions and ages
- Network such as SIM, data usage and signal strength
- Geolocation and weather such as temperature, solar radiation
- Current connection status and historical records, such as network registration, Signal Strength, IP address etc
- Any connection performance degrading, battery level dropping etc
- Data usage monitoring

ADMP relies heavily on analytics:

- ADMP uses rules to identify interesting events and devices;
- These rules however are created automatically in a machine learning pipeline;
- ADMP clusters devices based on its unsupervised learning of the information collected and field knowledge;
- Meaningful clusters of devices and behaviours are deeply learned and labelled;
- Models are created and trained accordingly. The models will be cross validated and apply to create/update rules.