NanoService™ Platform   *The Internet of Things Application Platform*
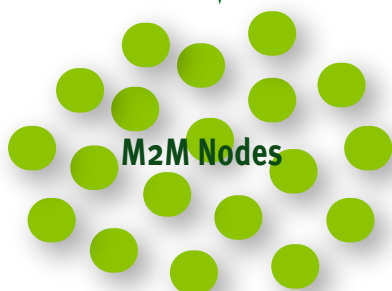
The NanoService Platform is a flexible and highly-scalable product designed to enable the deployment of challenging M2M applications on private server, private cloud or public cloud environments. It provides a directory and semantic lookup of all M2M nodes and resources in the system, provides transparent proxy services between the large-resource traditional Internet and constrained-resource protocols, and supports an eventing model that is critical to the effectiveness of Embedded Web applications. Complete graphical Reference Applications and Java SDKs with source code, along with device libraries, decreases time to market for both M2M device and Web Apps.

Web Service

NanoService Platform

NanoService

M2M Nodes

Features

- Scales from Server to Public Cloud Deployments
    - Designed for up to 20 Mnodes or 100 Mtransactions/day per cluster
- Resource registration and directory
- Push eventing and subscriptions
- Semantic naming and lookup
- End-to-end Web Services
    - HTTP REST APIs
    - Efficient M2M with CoAP
- Web-based Admin GUI
- Complete graphical Reference Applications with source code
- Java SDK with source code
- NanoService Device Libraries
    - C, Java and Android

Related Sensinode Products

- NanoStack™ 2.0 Software
- NanoRouter™ 2.0 Software