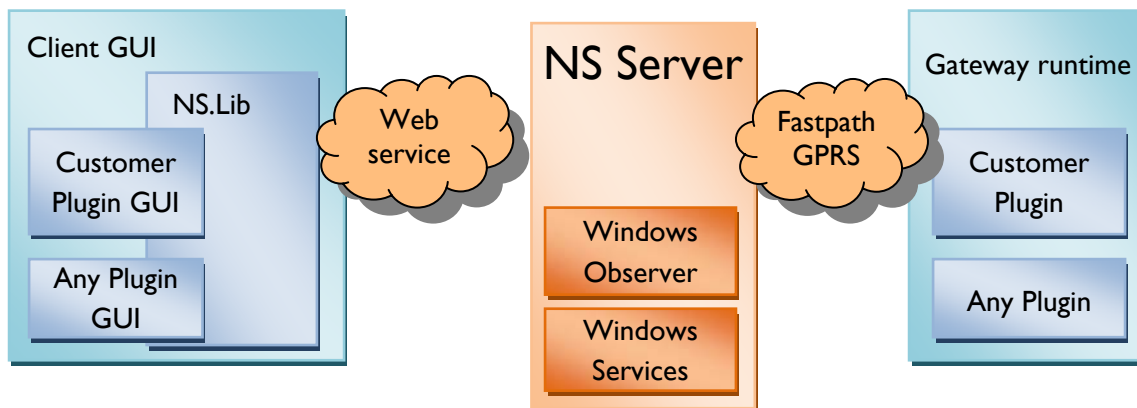


# NS.Server

**NS.Server is a software library (DLL) component in charge of central data routing management of your M2M network architecture. NS.Server is an ASP.NET application installed on a Windows platform with Internet Information Services. NS.Server is the master location of the M2M architecture, known by both the client application and gateways that can be placed all over the world. Thus, NS.Server requires a unique UNC location, such as a domain name or a fixed-IP address that can be reached by any fixed-IP or dynamic-IP gateways.**

- NS.Server handles version management of software libraries and executables throughout the entire M2M network
- Gateways download their files accordingly from the NS.Server location
- Alarms, events and data from gateways are collected on the server. Storage is performed on the server hard drive and logged on Windows Event Logs.
- Client applications can easily interface with NS.Server using its web service interfaces. Client benefit from fast integration process by programming IDEs such as Microsoft Visual Studio™ or Eclipse.



## Features at a glance

- Central M2M data routing manager
- Synchronous and asynchronous routing services
- Data logging and network central repository
- Network software maintenance
- User's dispatching center
- NS.Server handles buffering tasks of data & events transfer between the customer application and the gateways
- NS.Server provides client applications with direct transactions to gateway plug-ins

### Specifications

<b>Prerequisites</b>	PC Windows IIS 6.0 or above ASP.NET 2.0
<b>.NET</b>	Framework 2.0 Compact Framework 2.0