

# SOFTWARE



## N4A™ Software Platform

Organize and manage wireless devices with Novatel Wireless' innovative N4A Software Platform. Providing a complete device management solution, the N4A Software Platform accelerates the rapid deployment, management, and operation of assets in a single robust offering. With in-depth knowledge of device and platform architectures, Novatel Wireless and its N4A Software Platform provides a complete asset management user interface that focuses on managing configurations across multiple usage scenarios. The platform is comprised of two main components: N4A Communications and Management Software (CMS) and the N4A Device Manager.

### Networking Solutions

The N4A CMS provides an immediate utility for field deployment of Novatel Wireless M2M devices by incorporating years of device design and customer integration experience, resulting in a comprehensive, streamlined and efficient solution. Administrative functions in the N4A CMS allow for complete flexibility and tuning based on system needs.

### Configuration and Management

The N4A Device Manager provides two main functions: device configuration and service management. These elements provide the essential tasks required to effectively manage and apply configurations across multiple devices. The N4A Device Manager is a corresponding software module to the N4A Software Platform and is designed to provide comprehensive reliability and tight integration with the N4A CMS allowing for compelling application development outside of the device management process. Additionally, the system provides the ability to dynamically manage shipment files and remotely request immediate device check-in for FOTA or service update.

### Platform Design

The N4A Software Platform has been built and designed specifically for use with all current Novatel Wireless M2M device platforms. Support for new Novatel Wireless M2M devices will be added in the future.

### Device Benefits

- Improved user interface with browser based administration
- Command pooling
- Robust message queuing
- Integrated basic mapping and reporting
- Increased performance
- Provides interface to relational database architecture
- Support for all Novatel Wireless M2M devices
- Includes installation scripts for supported database products
- Web service interface



## N4A™ Software Platform

### Operating Systems Supported

- Windows Server 2008, Red Hat Enterprise 6.x

### System Requirements

- CPU: Dual core processor or higher
- Processor Speed: 2 GHz or higher
- RAM (GB): 16 GB
- Disk Space: 500 GB (Minimum)
- All systems require Java 1.6 JDK or above
- Additional system requirements are available in the product installation guide

### Database Support

- The solution has been validated against the following database products: Microsoft SQL Server 2008  
MySQL 5.x Enterprise  
MySQL 5.x Community

### Licensing

- The N4A Software Platform is offered as a perpetual license on a per device basis with an annual maintenance fee

### Part Numbers

- CMS0411 – N4A CMS On Premise License
- CMS0412 – N4A Mapping and Reporting License
  - Novatel Wireless Google License
- CMS0413 – N4A Mapping and Reporting License
  - Customer Google License
- CMS0414 – N4A CMS On Premise License
  - Shipment Tracking
- CMS0415 – N4A Mapping and Reporting License
  - Novatel Wireless Google License
  - Shipment Tracking
- CMS0416 – N4A Mapping and Reporting License
  - Customer Google License
  - Shipment Tracking
- DMS0412 – N4A Device Manager
  - On Premise

#### For More Information:

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