

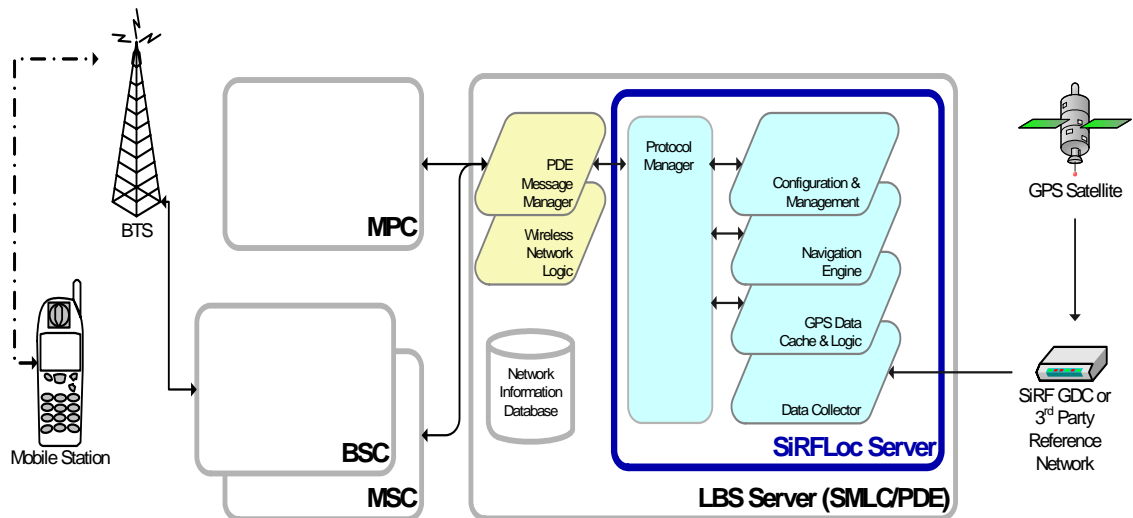
# SiRFLoc™ Server

MultiMode Aided-GPS Software for Mobile Location Centers



## Product Overview

- Network deployable server software enabling aiding data for Aided-GPS services
- Provides GPS satellite data, approximate position, time as well as position computation
- Enables complete end-to-end A-GPS solution when used with SiRFstar or SiRFSoft based SiRFLoc Client or any standards-based GPS client



## Key Features

- Supports SiRF's patented MultiMode Aided-GPS (A-GPS) technology
- Patented Anti-Multipath Triangulation (AMT) improves positioning accuracy in high multipath urban environments including urban canyons and inside large buildings
- Supports simultaneous location sessions in multiple positioning methods for different networks
- Supports multiple LBS main servers for multiple network standards in a single deployment
- Can be implemented as standalone server or integrated with LBS main server
- Manages global and local reference data sources for advanced GPS data aggregation
- Supports various standard location service protocols
- Supports Secure User Plane and/or Control Plane
- Supports all versions of SiRFLoc Client
- Multi-threaded software architecture enables superior performance
- Adaptable API supporting major cellular GPS positioning standards

## Benefits

- Enables cost-effective A-GPS implementation for Location Based Services
- Reduces the number of A-GPS servers required in an LBS network
- Improves subscriber experience leading to higher customer satisfaction
- Flexibility to integrate with location solutions used by ASPs, Network Equipment Providers and Wireless Service Operators

# SiRFLoc™ Server



## General Specifications

### Transactions

200 new sessions per second on minimal hardware configuration  
64,000 simultaneous active location sessions

### Network Air Interface Supported

GSM/GPRS  
WCDMA  
cdma2000  
CDMA  
PDC

### Location Service Protocols Supported

RRLP  
RRC  
PDDM  
IS-801  
DLP  
SLP

### GPS Reference Data Sources

Novatel OEM3  
Novatel OEM4  
JPL

### MultiMode A-GPS Methods

Standalone  
Autonomous  
MS-based  
MS-assisted  
Broadcast

### Operating Systems Supported

Linux  
Sun Solaris

For more information, please contact your nearest SiRF representative, distributor or sales office or visit our web site at [www.sirf.com](http://www.sirf.com)

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