



Track Star AVLS Minimum System Requirements

AVLS Client

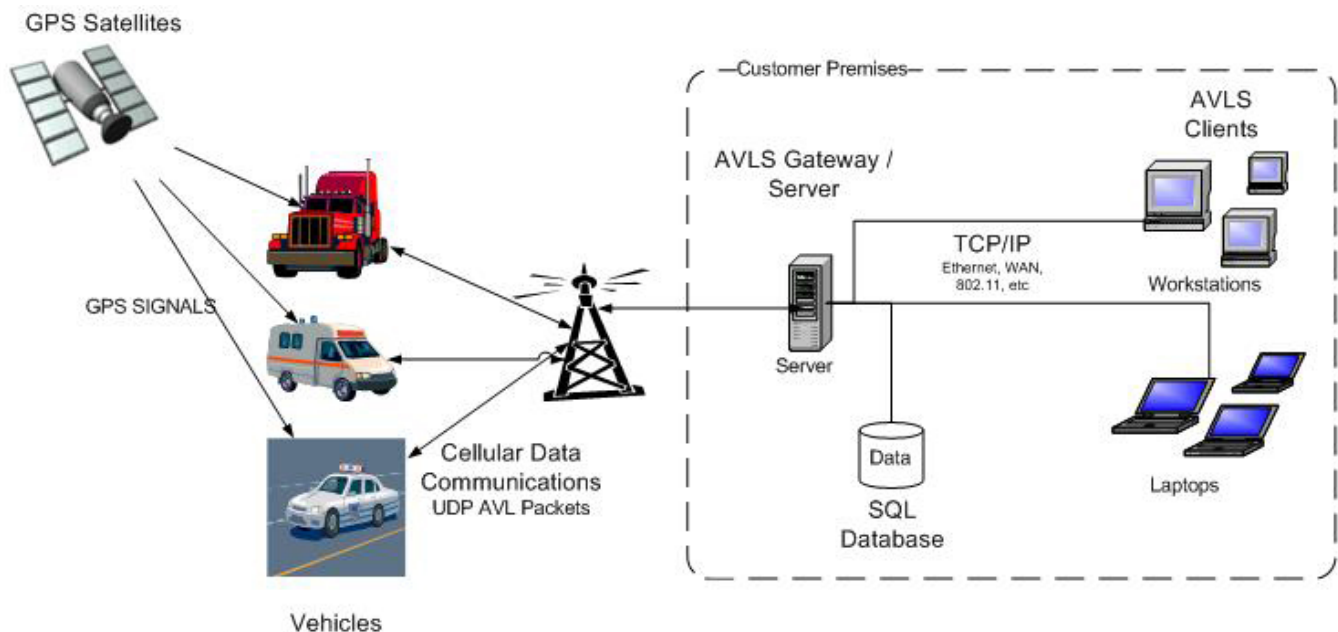
- 2 GHz Processor or higher
- 1 GB of Ram or more
- At least 3 GB of free hard disk space
- Microsoft Windows XP or newer Operating System
- Microsoft .Net Framework 2.0
- DVD-Rom (for installation)
- Network or Internet Connection

AVLS Server

- 2 GHz Processor or higher
- 1 GB of Ram or more
- At least 5 GB of free hard disk space
- Microsoft Windows XP, Windows 2003 Server or newer Operating System
- Microsoft .Net Framework 2.0
- Microsoft SQL Server 2005 Express (*database size limited to 4GB with express version*) or newer
- CD-Rom (for installation)
- Network or Internet Connection with assigned port open to incoming UDP data from tracking devices
- Installation disks include Microsoft SQL Server 2008 Express which require Windows Installer 4.5 and Windows PowerShell

Additional System Configuration Notes

- Track Star Recommends using the full version of SQL Server as there are no database size limitations, and includes SQL Agent which allows for scheduled database backups.
- If clients will be connecting from outside the LAN, configure SQL Server to use a port other than the default 1433
- Ports Used by Track Star System
 - 250 TCP – Client to Server Communication
 - 1433 TCP (unless otherwise configured) – AVLS Client and AVLS Server to SQL Server Communication
 - 249 UDP (unless otherwise configured) – Tracking Device to AVLS Server Communication
- For fleets of 500 vehicles or more, a dual-core processor and at least 2 GB of Ram are recommended.
- Database Growth – While the database size depends on many factors, we estimate that the database grows by 1MB for every 2200 records. By knowing how many vehicles are in the fleet and how often they report a position it is simple to estimate how quickly the database will grow. This is important for customers using SQL Server 2005 Express since the server will not allow additional records to be stored once the database reaches the 4 GB limit.



Track Star AVLS Autonomous Configuration