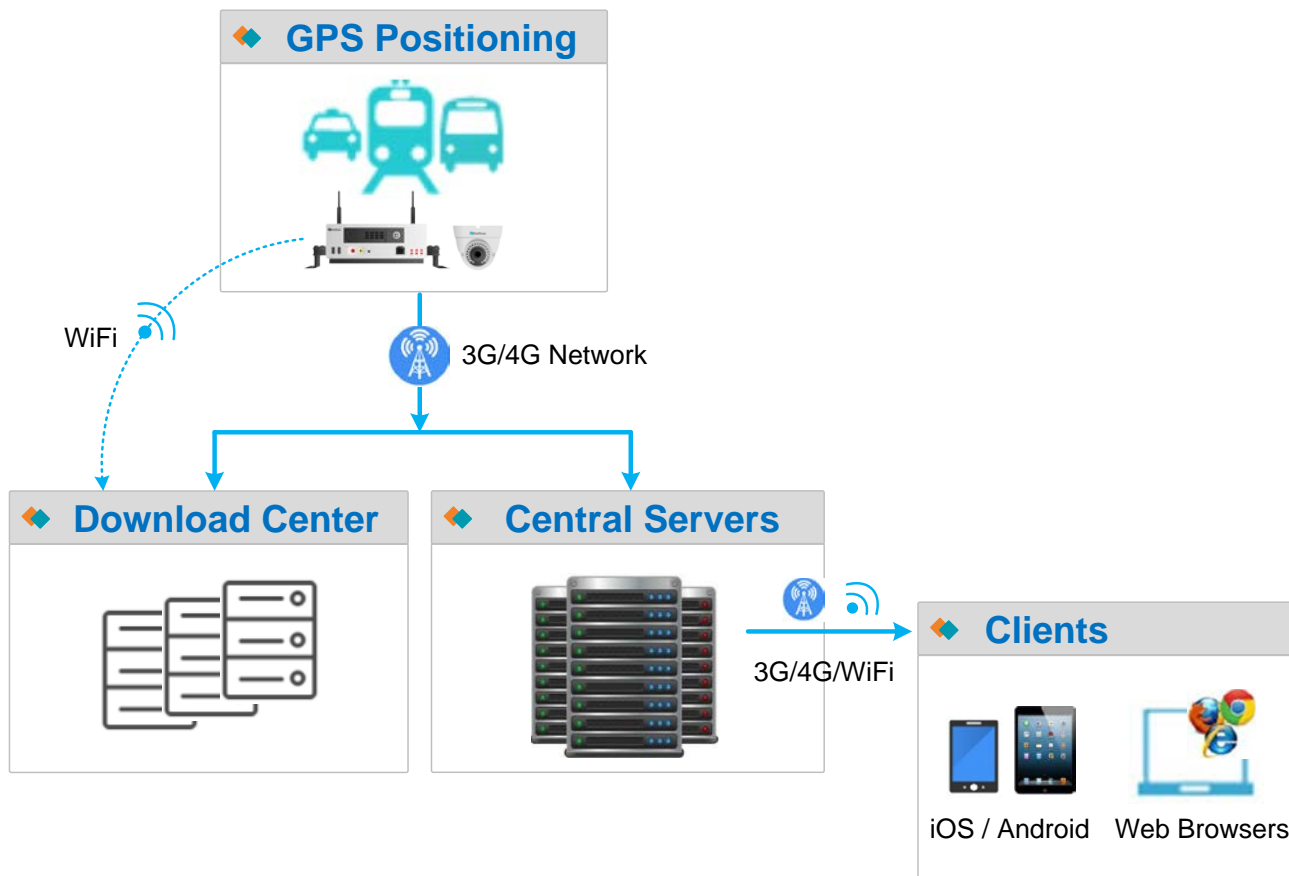# EverFocus

Xfleet 2.0

Fleets Management Platform

Introduction

Xfleet 2.0 is a centralized management platform which is well designed to not only monitor fleets, but also to track driver statistics, maintenance records, fuel statistics and plenty of other in-depth reports that assist you to make decisions and eventually reduce overall costs.

With Xfleet 2.0, making prediction and optimizing business performance will no longer be a burden as it provides timely response on the demands you need, creating long term value for clients across industries.

System Architecture

GPS Positioning

WiFi

3G/4G Network

Download Center

Central Servers

3G/4G/WiFi

Clients

iOS / Android   Web Browsers

Features

➢ **GPS Positioning**

With the GPS positioning function, the moving vehicles can be displayed on the e-map along with plenty of information such as vehicle location, speed, mileage, driver information, alarm information and etc.

➢ **Geofence**

Users can configure Geofence with different shapes for fleets monitoring. When vehicles move in/out a geofence, the alarm will be triggered.

➢ **Track Query**

Users can query the tracking historic data in a period of time along with the location, speed vehicle info. The queried tracking data can be displayed on the e-map.

➢ **Alarm Linkage**

By configuring the alarm linkage function on the client, the specified alarms will be listed on the Alarm Info list. Users can also configure alarm actions including video preview, audio sound, alarm recording and email alert for notification.

➢ **Images Snapshot**

Users can capture snapshot images from the live view video window or from the vehicle icon on the map. Users can also configure the alarm snapshot function, which will take snapshot images when alarms occur.

➢ **Real-Time Live Video Monitoring through 3G/4G Network**

Users can monitor the live view video from the moving vehicles through 3G/4G network. In order to keep fluent video streams, users can optionally configure video resolution or video quality. Live streams can be played on the window with multiple layout options and can be played in sequence. The Live View monitoring also supports Intercom and PTZ camera operation.

➢ **Remote Video Playback**

Clients can remotely search for recording files and remotely play back the recordings.

➢ **Rules Management**

Through Rules Management, users are able to assign the desired rules to individual vehicles. Rules include Schedule Recording and WiFi Download.

➢ **Web Browser Operation (IE, Chrome, Firefox)**

The platform supports Web browser viewing and operating. Users are able to monitor live view, tracking vehicles or configure the desired settings through the desired Web browsers.

➢ **Mobile APP (iOS / Android)**

Users are able to monitor live view, tracking vehicles through the mobile devices using the mobile APP.

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Specification

Minimum System Requirements	
OS	Microsoft Windows Server 2003 or later
CPU	Intel quad-core Xeon, Frequency of not less than 2.33GHz
Network	2 Gigabit Ethernet
RAM	4G or more
Storage	1TB
CD-ROM	DVR-ROM
Others	• Supports VGA display • Supports normal keyboard, recommended to use USB keyboard • LED indicator lights for computer, HDD and other activities status
Media Streaming Server	
Performance	• Each Streaming Server can support up to 256 concurrent incoming channels with a bandwidth of 128Mbps • Each Video Channel supports up to 6 Clients viewing. Maximum data rate output of each channel is 512Mbps • Under Gigabit Ethernet ports / 20Mbps output stream rate, the average forwarding delay is less than 5ms • Under Gigabit Ethernet ports / 100Mbps output stream rate, the average forwarding delay is less than 40ms • Under Gigabit Ethernet ports / 512Mbps output stream rate, the average forwarding delay is less than 200ms
Video Bandwidth	• 81,920Kbit bandwidth is required. Using CIF video resolution per channel with 320Kbit/second and a total of 256 channels (320x256=81,920Kbit) NOTE: Owing to the bandwidth limitation under 3G network, video resolution is restricted to CIF.

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