Global Positioning System (GPS) is a satellite-based navigation system that was developed by the United States (U.S.) Department of Defense (DoD) in the early 1970s. Initially, GPS was developed as a military system to fulfill U.S. military needs. GPS provides continuous positioning and timing information, anywhere in the world under any weather conditions. Because it serves an unlimited number of users as well as it is being used for security reasons, GPS is a one-way-ranging (passive) system. GPS makes cumbersome activities like navigation and positioning easier. It locates your position and then starts tracing other factors like speed, bearing, tracks, trip distance, sunrise/sunset time, distance to destination and several other details.