

## Assisted GPS (A-GPS) FAQ

- 1 Q What is Assisted GPS?  
A Assisted GPS (A-GPS), is a telco dependent system which can, improve the performance of GPS-capable mobile phones.
- 2 Q How does A-GPS help me connect to GPS faster?  
A Normal GPS operation uses signals from GPS satellites. In very poor signal conditions, e.g. In a city these signals may suffer multipath where signals bounces off buildings, or be weakened by passing through walls or tree cover. When first turned on in these conditions, non-assisted GPS navigation device may not be able to compute these broken signals, rendering them unable to function until a clear signal can be received continuously.
- An A-GPS system can address these problems by using an *assistance server*. A typical A-GPS-enabled cell phone will use a data connection (3G GPRS, PC connection, or other) to contact the assistance server for A-GPS information.
- 3 Q Will there be any cost if A-GPS is used on my phone?  
A There may be charge from your mobile phone service provider if GPRS data connection is used to download the A-GPS data. If your phone has the option to download the A-GPS data via a PC, then there will be no cost.
- 4 Q Which Samsung mobile phones are equipped with A-GPS?  
A Windows Phone:
- i900 Omnia (A-GPS is labeled as "Enhance GPS")
  - i8000 Omnia II (A-GPS is labeled as "XTRA")
  - i780 (A-GPS is labeled as "Enhance GPS")
- Symbian S60:
- i8910 Omnia HD (A-GPS is labeled as "GPS+")
  - Innov8 (A-GPS is labeled as "GPS+")