## **Client End Software**

## Microsoft Excel

The SmartChart spreadsheet has been developed with Excel 2007 but we have tried to maintain backward compatibility upto Excel 97. It has been tested successfully on Excel 2003

## **Swiss Ephemeris**

A key component of this software is the ability to calculate the longitudinal positions of various planets at specific points in time. This is a very complicated task and instead of re-inventing the wheel, we have simply taken the excellent ephmeris program ( "Swiss Ephemeris" ) that is available free of cost for non-commercial use from <a href="AstroDienst">AstroDienst</a>. There four files that are necessary:

- <u>swetest.exe</u>: from ftp://ftp.astro.com/pub/swisseph/programs/
- <u>seas 18.se1</u> : from ftp://ftp.astro.com/pub/swisseph/ephemeris\_files/
- <u>semo\_18.se1</u>: from ftp://ftp.astro.com/pub/swisseph/ephemeris\_files/
- <u>sepl 18.se1</u>: from ftp://ftp.astro.com/pub/swisseph/ephemeris\_files/

These four files need to be placed in the same directory as the SmartChart Excel sheet