**Process flow for the subscription-based Astro-Diamond/Pearl.**

1. There are 3 versions of Astro.
2. Astro – trial. - With truncated functionality (same as earlier trial version)
3. Astro – Pearl.
4. Astro – diamond.-Full functionality of Pearl and additional modules like BTR, Muhurtam, annual horoscope, Profession/Education et cetera
5. Anyone who would like to try or buy Astro license shall go to the website Astrouser.com and Click on Try/Buy and register with mobile number or email ID(outside India). The registration shall be validated by sending an OTP to the registered Indian mobile number or registered outside India email ID.
6. Depending on trial or full version(Pearl/Diamond), the user has to pay the subscription for either one month, 3 months or 1 year and after acceptance of the payment receipt will be sent to the subscriber.
7. A Subscriber with the name, mobile number and email ID, subscription type and subscription period will be created.
8. User will be prompted to install the software from the link on the website itself.
9. Thereafter, user downloads a **single Astro version** from the website and select installation for Trial, Pearl or Diamond version as the case may be.
10. After installation, the user will be displayed with the login page wherein he has to enter the mobile number/email ID. On clicking the login button, internally DeviceID is created and along with the Indian mobile number/email will be sent to the server.
11. The server will validate whether a subscriber through his mobile number or email ID exist and whether the subscription is active.
12. The AstroServerDLL will generate the required trial /subscription activation key for the trial period/subscription period for the user and save it in the table against the subscriber Name
13. It then pick up the created activation key from the table and send it to the device from where the request has come
14. The subscription activation Key will be installed inside the Astro directory on the device/desktop and validated through the DLL installed on the Desktop.
15. If the activation key is valid, then the user will be taken to the homepage of Astro where he can start operating the software.
16. User will be notified 3 days before the subscription is likely to expire. User will also be notified in the last day of the subscription if not renewed. The login page will be displayed for renewal purpose
17. On renewal, the user will go through the same drill of selection of the subscription period and make payment.
18. The process repeats.
19. Later, for a multi device service will be provided for the same customer. In that case the table will store deviceID\_1 deviceID\_2 and deviceID\_3.
20. The user can install the software upto three devices. The login process is a bit different
21. The activation key is not installed on the devices for the period of subscription. An activation keys is given for everyday for every device.
22. The user will be allowed to login only from one device at any given point of time through a session timeout as soon as the user login from any device, the earlier sessions are terminated, and thereby user will be restricted to use only one device at any given point of time.
23. The session controls whether the user is active and whether the device ID is available inside the table and generate an activation key which will be valid for 24 hours.
24. The subscription key model is different than the single device model of using the trial key. In both these models, full key is not used. It was used for a non-subscription model where a full one-time payment is made. The full key never expires.
25. The serverDLL need not have Astro calculations and is a function. It only has a generation of key functionality. It can generate only trial keys for a fixed number of days based on the device ID
26. The desktop DLL, however, has the key generation logic and also has Astro calculation, Astro functions and other functionality like the Full Key DLL.