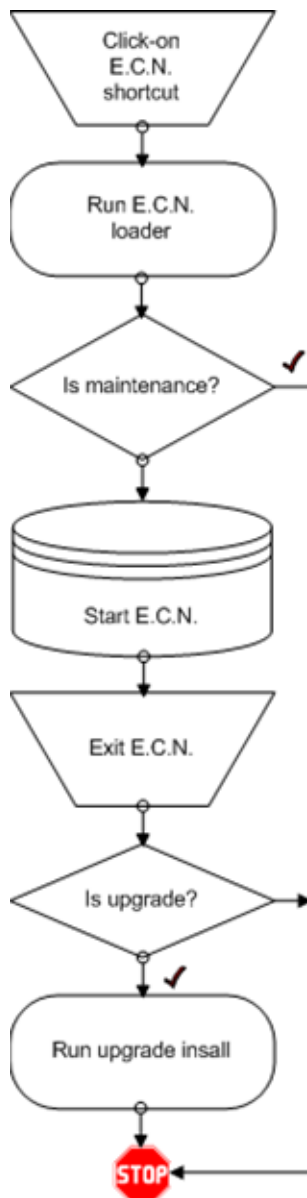


The following flowchart explains possible scenarios when the user clicks-on the ECN shortcut on his workstation or exits the application.



## ECN MAINTENANCE

The Front-End MSAccess application is launched via an executable available on each workstation: **C:\Acc2k\Ecn2k\ecn.exe**.

The executable will evaluate if an emergency maintenance session was manually requested by administrator that will place a file named **ECN2Kmaint.txt** in the same folder with the Back-End database. The existence of the file in the shared folder will cancel any user attempt to open the application via shortcut.

During a maintenance session the admin can gain exclusive access to the back-end file on the shared folder and perform specific tasks:

- \* Fix a corrupted file
- \* Fix a synchronization issue between Scarborough and Southfield
- \* Perform global functions against the back-end database

### Lunch time shutdown

Once the Front-End application is running in user's workstation a built-in routine will check every 3 minutes the existence of another file named **ECN2Kmaint.txt**. This file is created automatically by running instances of the Front-End application, daily between 12:15 PM and 10:30 PM. As result, any opened Front-End application will shutdown in 3 minutes so that a non-emergency maintenance can be performed at lunch-time.

### Emergency shutdown

Between 06:10 AM - 11:55 AM and 12:30 PM - 10:30 PM the **ECN2Kmaint.txt** file is killed automatically by any running Front-End. In the above two time intervals the ECN admin should use from toolbar **Admin/Maintenance ON** command to activate an **emergency shutdown** for all running Front-Ends (**ECN2Kmaint.txt** case).