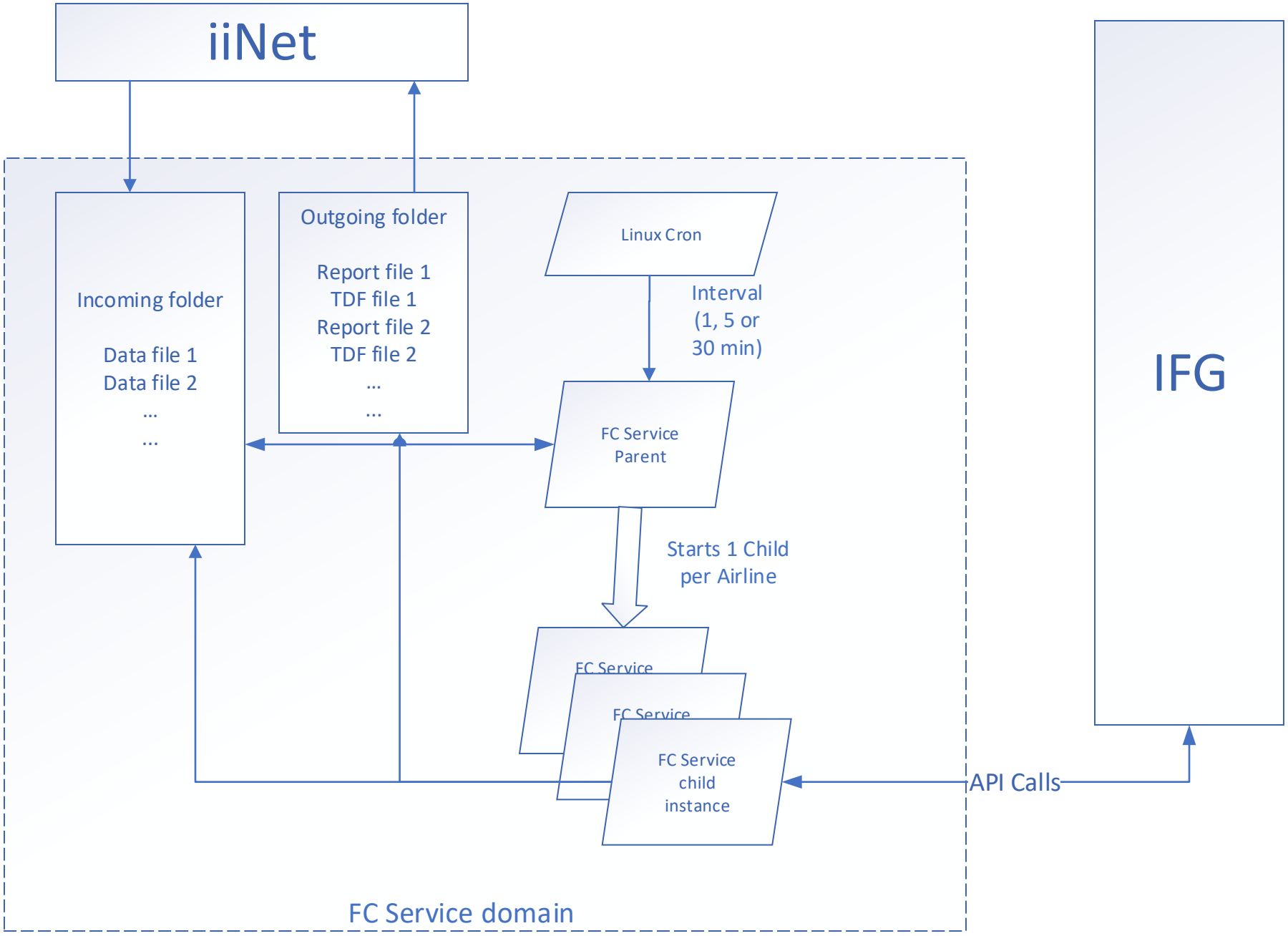
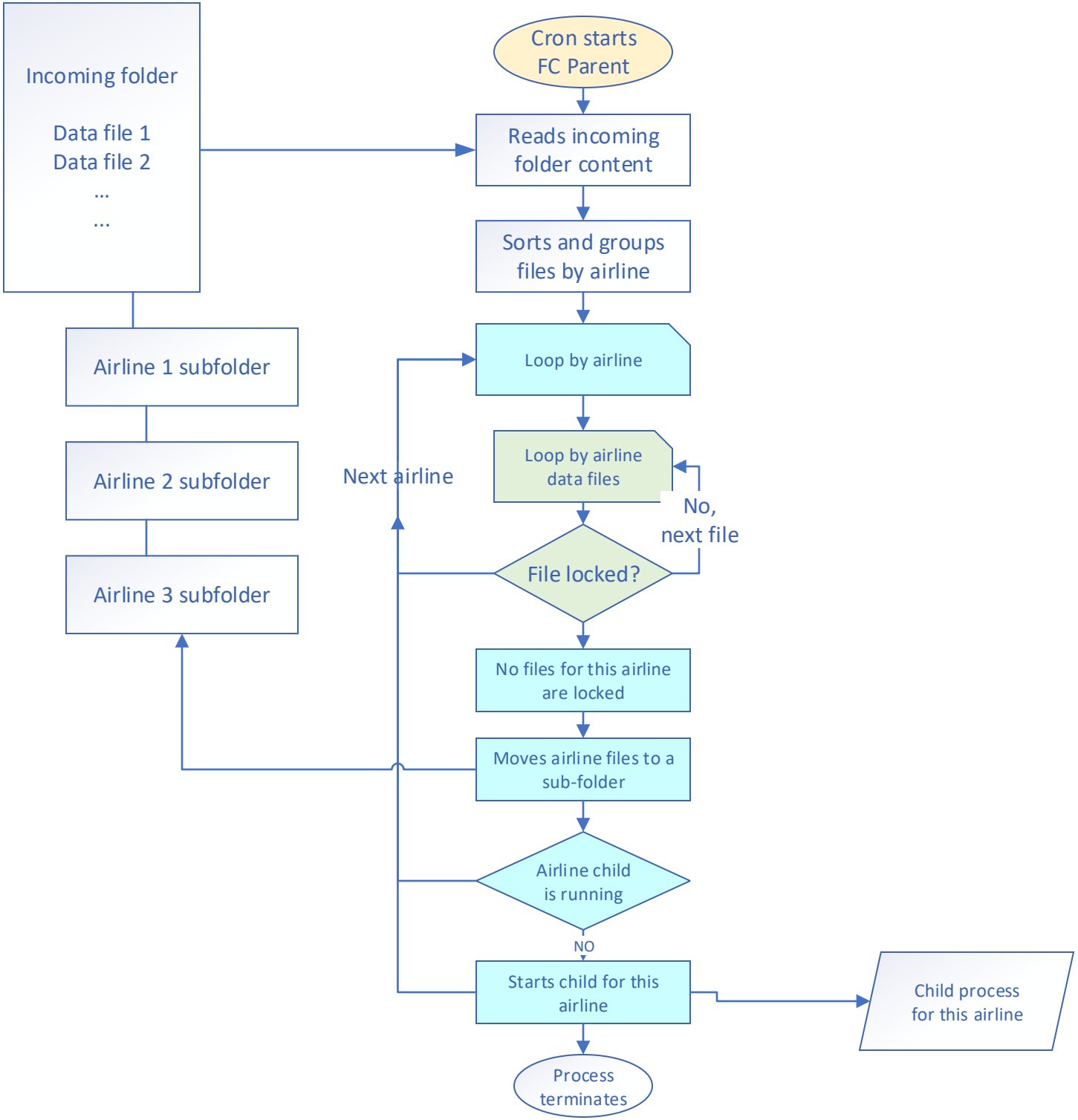
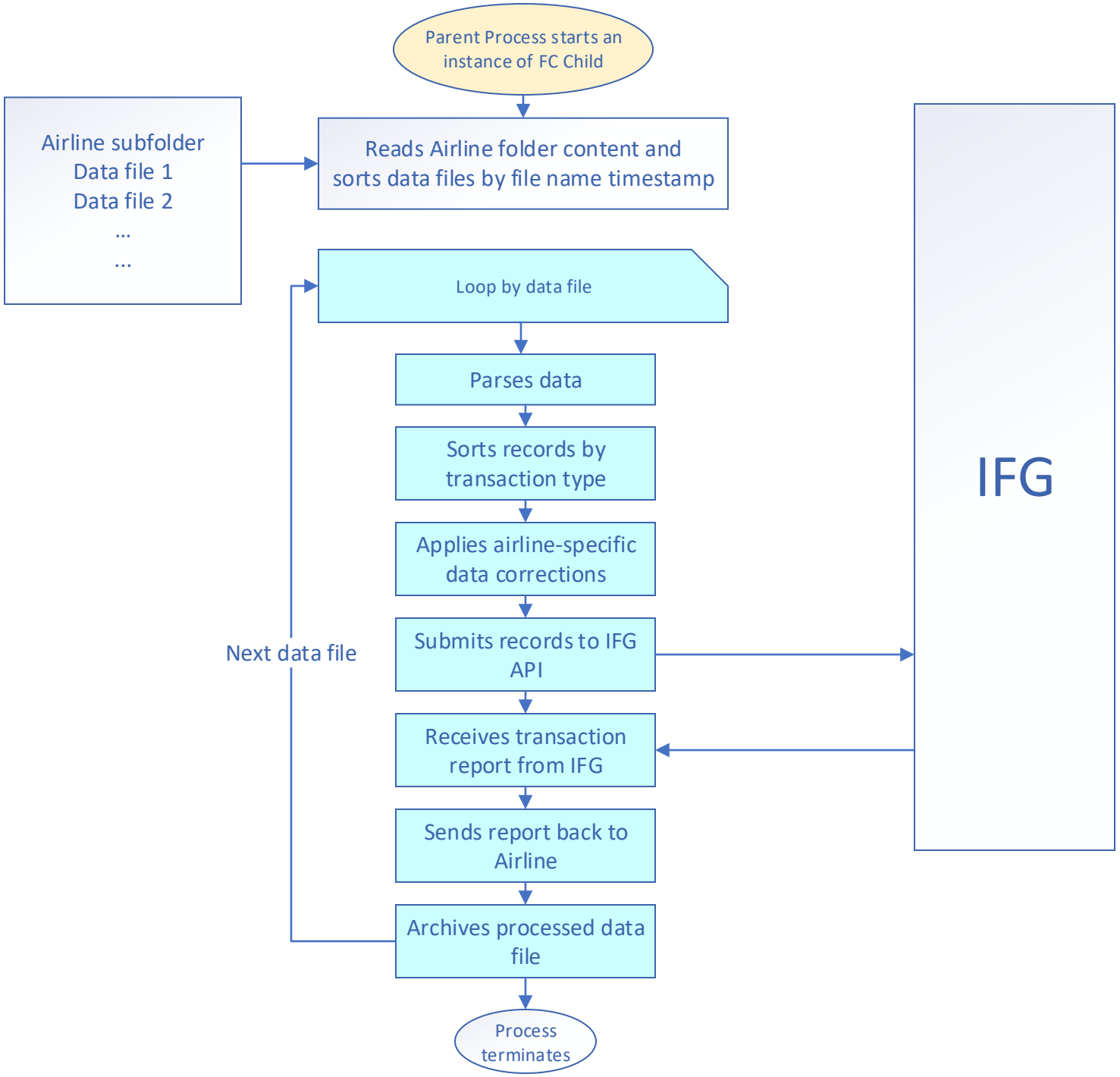

iiNet
IFG
Incoming folder
Data file 1
Data file 2
...
...
Outgoing folder
Report file 1
TDF file 1
Report file 2
TDF file 2
...
...
Linux Cron
Interval
(1, 5 or
30 min)
FC Service
Parent
Starts 1 Child
per Airline
FC Service
FC Service
FC Service
child
instance
API Calls
FC Service domain

FC Service Parent Workflow



FC Service Child Workflow



FC Service Parent: PID log handling

File name: fcp_pid.log

Purpose: Ensure that one instance of the FC Parent is running

Log record structure:

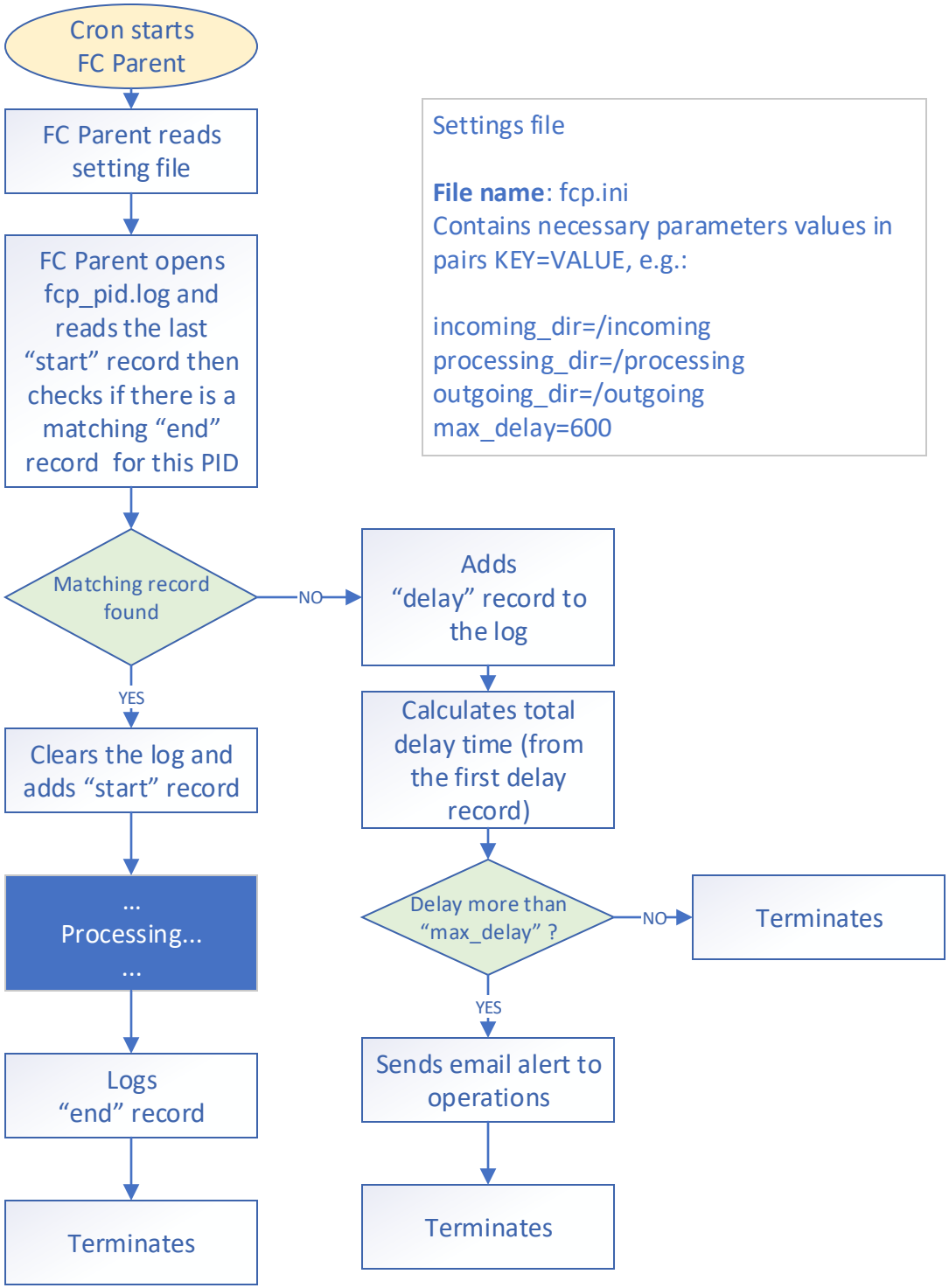
Format: 4 comma-separated data fields:

STRING record type (see below),
INT PID,
LONG UTC epoch time (sec),
STRING UTC time in human readable YYYYMMDDHHMISS format

Record type can be one of the following:

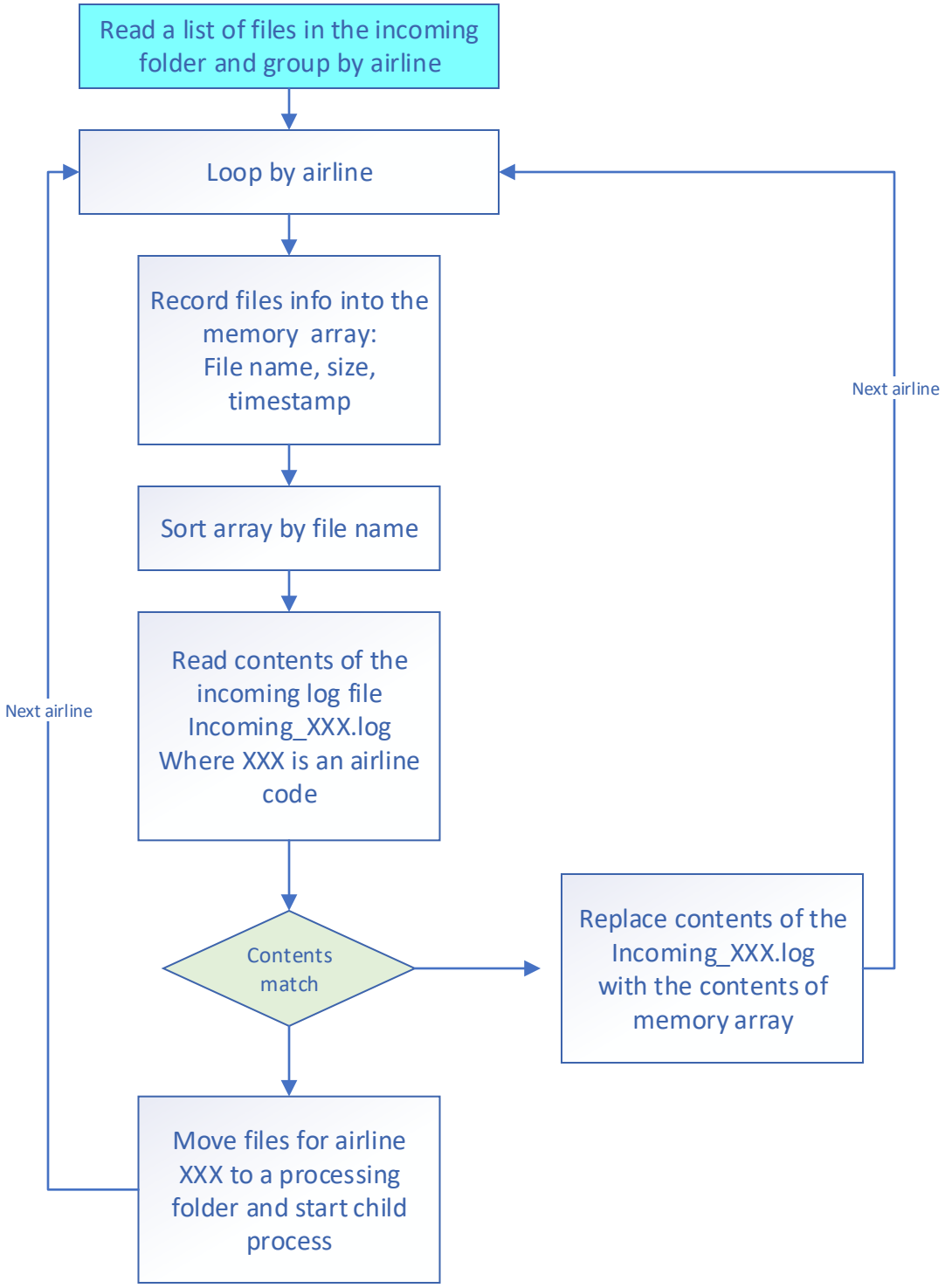
start – execution started
delay – execution delayed
end – execution ended

Example:
start,86655,1617938438,20210408232015
delay,1245,1617939488,20210408232515
end,86655,1617948438,20210408232615



Settings file

File name: fcp.ini
Contains necessary parameters values in pairs KEY=VALUE, e.g.:

incoming_dir=/incoming
processing_dir=/processing
outgoing_dir=/outgoing
max_delay=600

FC Service Parent: Incoming files handling