**Main Success Use Case - Exporting a Graph**

**Preconditions**: Analyst has directories already populated with log files.

**Postconditions**: Analyst has exported a graph as an image file.

**Actors**: Analyst, Root System, PICK system, and SPLUNK.

**Trigger-Condition**: Analyst must correlate events to create a story.

**Flow of events**:

1. Analyst provides Root Directory configurations
2. Analyst provides Event Configurations
3. Analyst provides Team Configurations
4. Analyst provides at least one Vector Configurations
5. Analyst provides Icon Configurations
6. PICK System cleanses log files from configured directories **[ALT 1]**
7. PICK System validates log files from configures directories **[ALT 2]**
8. PICK System sends validated log files to SPLUNK
9. SPLUNK transforms log files into log entries.
10. SPLUNK sends log entries to the PICK system.
11. Analyst searches log entries to associate to the desired vector
12. PICK System provides the searched log entries.
13. Analyst associates searched log entries to the desired vector
14. Analyst goes to graph screen
15. Analyst selects desired vector
16. Analyst creates nodes for log entries the analyst wants to see on the graph
17. PICK System creates and displays analyst’s nodes on the graph
18. Analyst creates relationships between nodes on the graph
19. PICK System displays relationships between nodes on the graph
20. Analyst exports the created graph as an image file
21. End of Use Case.

**Alternatives:**

**ALT-1**

1. PICK System adds failed cleansed log file to Enforcement Action Report.
2. Analyst decides to override error and proceed with life [ALT 1.1]

**ALT-1.1**

1. Analyst views errors and fixes them.

**ALT-2**

1. PICK System adds failed validation log file to Enforcement Action Report.