

Deckard Software Release: 2.0.0

Description: Version Description Document for Deckard SW version 2.0.0

System: Athena

Release Date: 9 August 2022

Version Description

Previous Version Number: 1.1.0

New Version Number: 2.0.0

MD5 Hash: 188c1738bf09d80933296abfce961588

Compatibility: Kraken, Beast, and Beast Plus operating with Athena software system while retaining backward compatibility with Vulcan system logs.

New Features

This release of the Deckard analytic tool adds a new analytical method, Comparison. Comparison depicts comparative analysis over multiple log files. It compares one or more data sets to determine consistency over time. Performing this analysis on multiple mission log files (Kraken, Beast and Beast+) allows an operator to visualize data collected from different time frames (or missions) to assess common activity and anomalies. Other features include filtering by RSSI and a 'zoom to features' tool in Map.

Improvements

The following issues/bugs were resolved for this release of Deckard:

- Fixed issues to accept both Vulcan and Athena logs.
- User Manual is now accessible on the Config page.
- Added RSSI as a filterable field; added Average RSSI value to nodes in Visualize.
- Added 'Zoom to features' in the Map control panel.
- Added Comparison as a new type of graph
- Redesigned filtering system—including indicators depicting values that have been added as filters but not applied (i.e. pending filter changes).

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