

Axient Capability Highlight: Flight Analysts Workstation Software (FAWS)

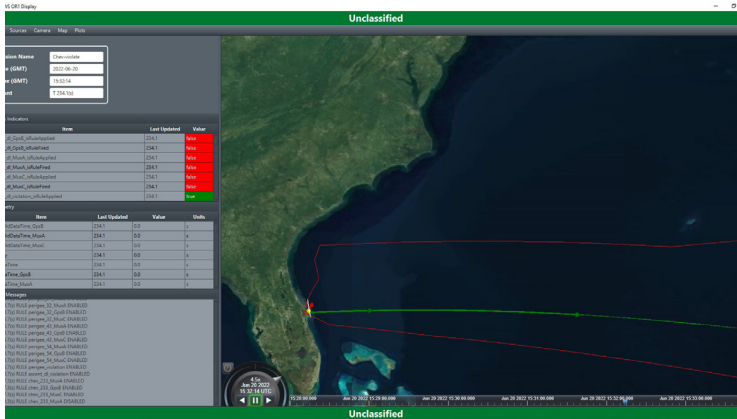
What is SENTRY™ FAWS?

Axient's SENTRY™ Flight Analysts Workstation Software (FAWS) allows for the design, development, and validation of Autonomous Flight Safety System (AFSS) Mission Rules – enabling a vehicle to take appropriate actions when needed. SENTRY™ FAWS is available for Government and commercial space launch and reentry operations.

Benefits

- Vehicle-agnostic
- Modular and flexible
- System flexibility and lower cost
- Turn-key solution from mission planning to post-launch operations
- Fulfills national safety approval requirements
- Increases data fidelity
- Customizable and user-friendly graphical user interface
- Includes automated rule generation load capability

Premier Tool for AFSS Mission Rule Development and Validation



What is AFSS? How can it lower costs?

An Autonomous Flight Safety System (AFSS) provides a solution to replace traditional commanded Flight Termination Systems (FTS) with an on-board system capable of processing navigational and critical flight performance data, and evaluating parameters against a pre-defined set of rules. In the event of errant flight, the AFSS will execute pre-defined action(s), ensuring safety to public and property.

1 AXIENTCORP.COM FAWS | One Pager

FLIGHT ANALYSTS WORKSTATION SOFTWARE (FAWS)

Axient's commercial tools used for pre-mission generation and validation of the flight rules intended for use on a launch vehicle's Autonomous Flight Safety Unit (AFSU):

- Generates and validates CASS OR1 or OR2 Mission Data Loads (MDLs)
- FAA Safety Approval (in 2018)
- Embedded CASS OR1 and OR2
- Dynamically displays simulations
- GUI for construction of mission rules



COMPLIES WITH:

CFR 417 • AFSPC 91-710 • NPR 8715.5 • NPR 8739.8 • NPR 7150.2b

