

2.0 What's New in FEMIS v1.5.3

This section describes the changes made in the FEMIS v1.5.3 release. This development cycle included new functionality, but the focus was on addressing existing problem reports.

There were nearly 700 Software Enhancement/Problem Reports (SEPRs) fixed and tested in this release. Some of the more important functional and performance improvement issues are noted below.

2.1 Functional Changes

- Integrated Acute Exposure Guideline Levels (AEGL) dosage approximations into FEMIS. This functionality is available in D2PC, D2PC Animation, Event Animation, Work Plan, Threat Area, Protective Action Response (PAR), Protective Action Decisions (PAD), Case Management, Reporting, and Site Defined Status Boards.
- Added the ability to define categorical data, a specific set of possible values for a table-based status board field. All values for the field must come from this set. For instance, a Primary Colors category could include the values of Red, Blue, and Yellow. At runtime, the field would be displayed as a drop-down list, and these would be the only possible values for the field.
- Added Web Operational Status Boards (Web OSB) to FEMIS. Web OSB is a web-based tool that allows users to view and edit Site Defined Status Boards and Shared Reports using a browser. Web OSB supports notification, security, and information sharing across EOCs.
- Fixed the Oracle “End of Communication” error that sporadically occurred when dealing with Shared Reports.
- Removed the evacuation model from the FEMIS software.

2.2 Performance Improvements

- Redesigned portions of Data Driven Notification (DDN) to be less resource intensive and to provide faster response.
- Made specific performance improvements in Risk Area, PAR, PAD, and D2PC.

2.3 AEGLs Dosage Option

The AEGLs is one of the options that can be selected to apply to the overall D2PC case. AEGL dosages are actually AEGL dosage equivalencies. If your EOC selects AEGLs instead of the current 1%/ND/NE dosage option, the Protective Action Lookup Table (PALT) times will be different because AEGL distances are not the same as the default dosage distances.