

S1000D review™ v4.0 Feature Enhancements



Includes New Change Markers, Delivers S1000D™ Issue 4.0 Schema Support

S1000Dreview™ is the Quality Assurance solution for S1000D documents, streamlining the comment and approval process in a complete, closed-loop system. A new Change Marker feature is included in the software update that displays alterations from previous versions of documentation. The October 2009 release provides support for the Specification's Issue 4.0 schemas with enhancements made to viewing Fault Codes for context sensitive troubleshooting. This document highlights, illustrates and briefly describes these features and enhancements.

New Change Bars Highlight Alterations Based on Attributes

A new function displays Change Bars indicating the location in a document where information changes were made. Changes are highlighted on screen that compares information in the current document to a previous edition. Change Markers are displayed based on the attribute's Mark, Level, and the Element <change>. The Mark attribute indicates if the change should be shown, and the Level attribute indicates what version it applies to. Users have the option to show or hide changes, with the 'Reason for Change' displayed if provided by the author. The Element attributes include change type, level, and mark, reason for change, and Data Module (DM) issue number.

1 **Introduction**

Inspection, installation, maintenance and storage of the CYPRES (1) shall be maintained by an MOS 0451 Ram Air Pack Qualified Parachute Rigger. All requirements will be in accordance with MCO 3500.20_.

2 **Shelf / service life.**

WARNING

This paragraph was deleted

This paragraph was unchanged

This paragraph was modified and has a change bar marked.

Changes are highlighted on the screen based on the content mark-up. Sections of data that have changed are highlighted in green if added or modified, or in red if deleted. A Change Bar labeled "Warning" appears in front of the changed content.

Specification Issue 4.0 Support

The complete set of functionality within **S1000Dreview** now supports Issue 4.0 of the Specification. The current software release includes support for the following DM or document types:

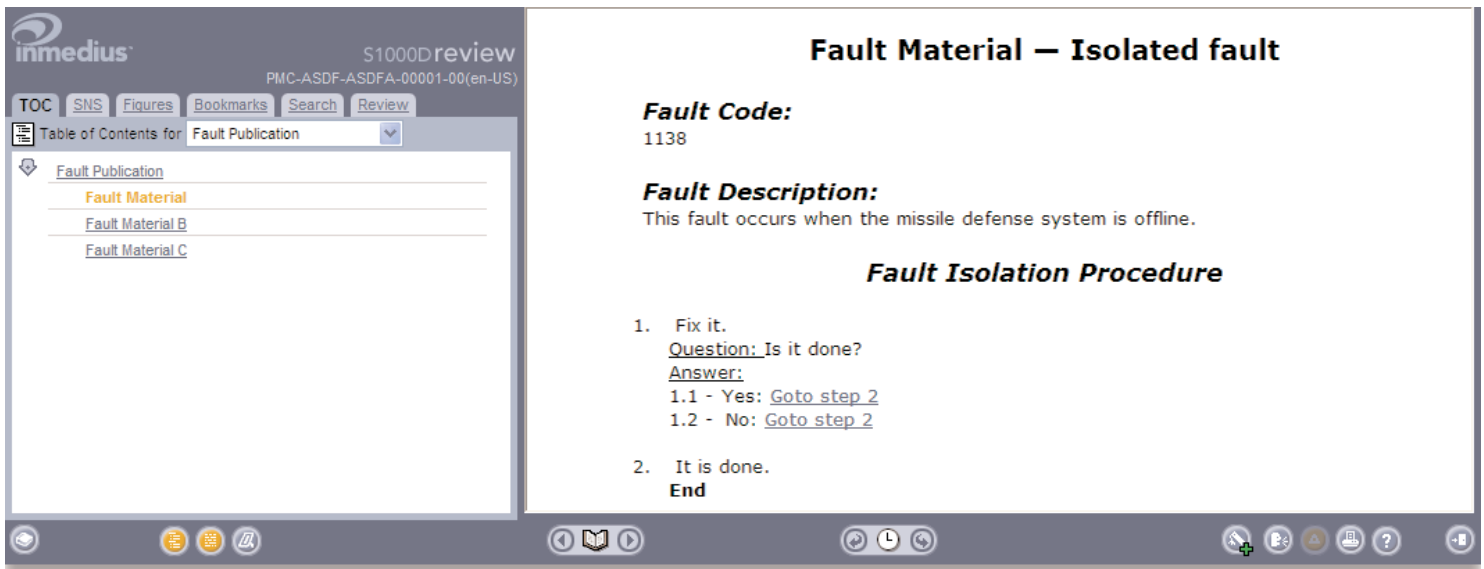
- Crew/Operator
- Descriptive
- Fault
- Illustrated Parts Data (IPD)
- Procedural
- Publication
- Schedule
- Wiring Data
- Wiring Data Description

Single Sign-On (SSO) Enhances Security

The ability to access **Review** without requiring a user login has been added for ease of use. User passwords can now be managed by Active Directory. **Review** privileges will be maintained with the system and will not be provided by the OS credentials. Privileges will be based on the **Review** system capabilities provided to that user.

Context Sensitive Troubleshooting Added

When a Fault occurs, **Review** now provides context sensitive troubleshooting by displaying a specific DM based on that Fault Code. While uploading a manual, a mapping of Fault Codes to DMs is generated by **Review** (Note: In the case of manuals that were previously published, the fault index will not be available unless they are republished with **Review** v4.0.). Only Fault Isolation, Isolated Faults, Detected Faults and Observed Faults will be stored. **Review** will examine the generated mapping file to determine the appropriate action. If only one DM entry exists against the Fault Code, then the DM will be loaded. If more than one DM entry exists, then a page will appear which lists all the associated DMs. When the user chooses one of the DMs, **Review** will load the appropriate page.



The screenshot displays the Inmedius S1000D review application. The top navigation bar includes 'TOC', 'SNS', 'Figures', 'Bookmarks', 'Search', and 'Review'. The main content area is titled 'Fault Material — Isolated fault' and shows the following details:

- Fault Code:** 1138
- Fault Description:** This fault occurs when the missile defense system is offline.
- Fault Isolation Procedure:**
 - Fix it.
 - Question:** Is it done?
 - Answer:**
 - 1.1 - Yes: [Goto step 2](#)
 - 1.2 - No: [Goto step 2](#)
 - It is done.**End**

The left sidebar shows a 'Table of Contents for Fault Publication' with links to 'Fault Material', 'Fault Material B', and 'Fault Material C'. The bottom of the interface features a toolbar with various navigation and utility icons.

New Configuration Options

The following configuration options have been added:

- Postfix figure and table numbers with a period, including;
 - Figure titles (captions) in the content
 - Figure titles in the Figures tab of the navigation pane
 - Table titles in the content
- Configure the display of Reference and Preliminary data sections:
 - Show/Hide in Table of Contents
 - Show/Hide as inline headings or table titles

Other Enhancements

- **Ability to resize the navigation, content and graphic frames.**
- **Search results are highlighted in yellow.**
- **The Quick-switch dropdown now displays publication titles rather than module codes.**
- **Ability to generate a discrepancy report.**
- **When installing on Oracle®, the user has the ability to define a User and Password for the database schema that is created.**

When a Fault occurs, Review displays a specific Data Module, or list of DMs. based on the Fault Code.

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