

S-100 Data Management System (SDMS)

Viewing, analyzing and managing S-57 and S-100 data products and their referenced Support Files



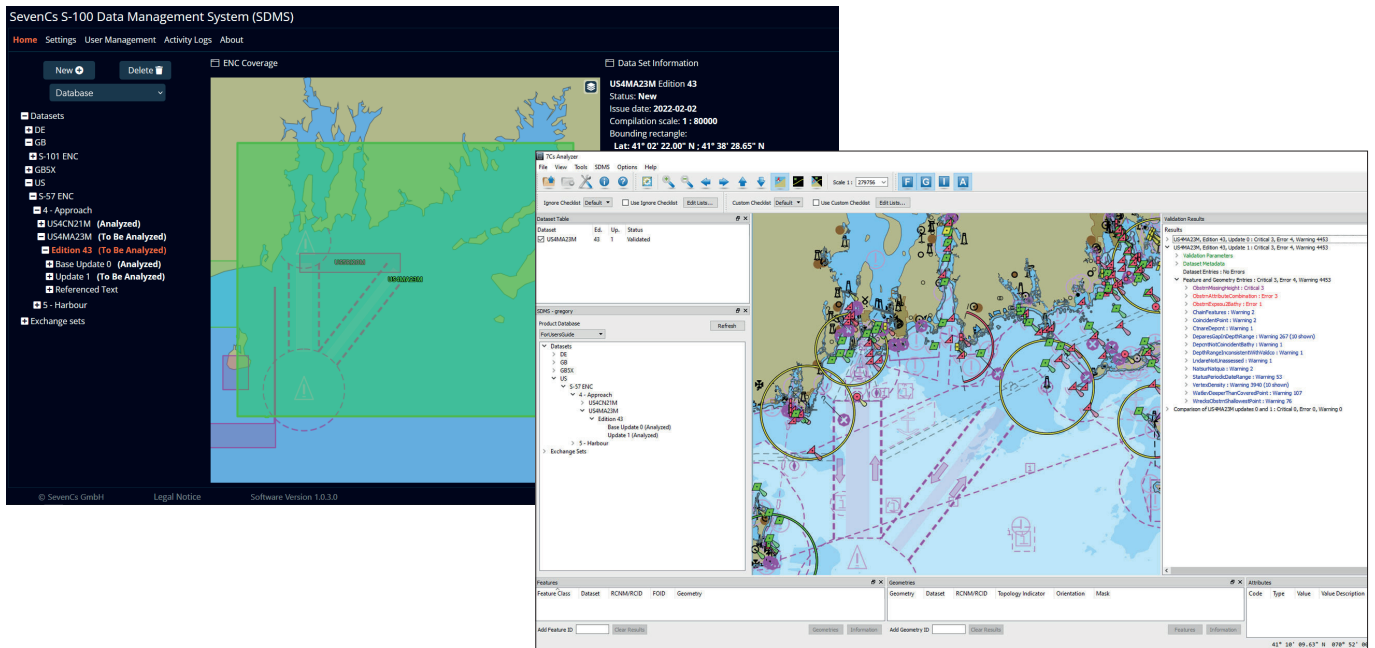
Manage your S-57 and S-100 datasets more efficiently and comply with the dependencies that the standards define.

The S-100 Data Management System (SDMS) is designed to help organizations manage their S-57/S-100 datasets more efficiently and comply with the dependencies that the standards define. You can apply predefined workflows to keep the process of ENC quality assurance as consistent with the standards' requirements as possible.

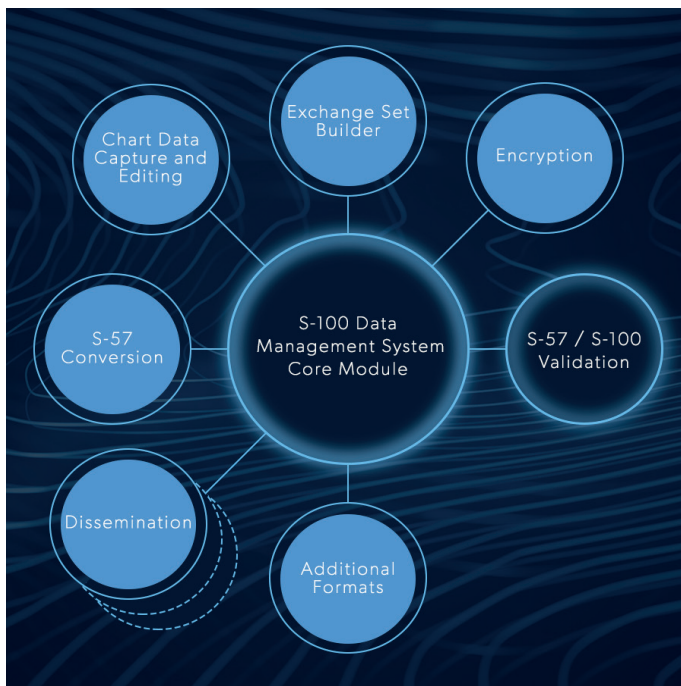
S-100 DATA MANAGEMENT SYSTEM (SDMS) FEATURES:

- Status-driven management system for S-100 processing workflows
- Workflow Management based on the S-57 and S-100 standards
- Database, Application Server, Web User Interface
- User Management
- Works as a cloud service or in a local network and can also be used on a desktop computer
- The integrated Validation Module interacts with 7Cs Analyzer
- Focus on 'after-production' steps
- Support and storage for S-57 and S-101 data products
- Log provides User Activity Reporting





Interaction of S-100 Data Management System and 7Cs Analyzer



Core Module plus multiple functional modules

SCALABILITY THROUGH MODULARITY:

The scalability of the SDMS is achieved by its modular architecture; modularity makes easy upgrades to greater functionality possible in the near future. The respective functional modules will be extended step-by-step, to cover other tasks beyond chart data validation (see below).

CORE MODULE:

The system is comprised of a Core Module that controls the individual processes, takes care of the user rights management, and steers the workflows.

FUNCTIONAL MODULES:

Additional functional modules take over the individual tasks; the tasks include validation, visualization, and data import in the current version; data conversion and data encryption will follow in the next version of SDMS. These modules can be added to the Core Module separately; so, if your organisation needs to do so, it will be able to extend the functionality at any time.

S-100 DATA MANAGEMENT SYSTEM (ONLINE INFORMATION):



For more information on the **S-100 Data Management System (SDMS)** scan the **QR-code** or visit us at

sevencs.com/enc-production-tools/s-100-data-management-system

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