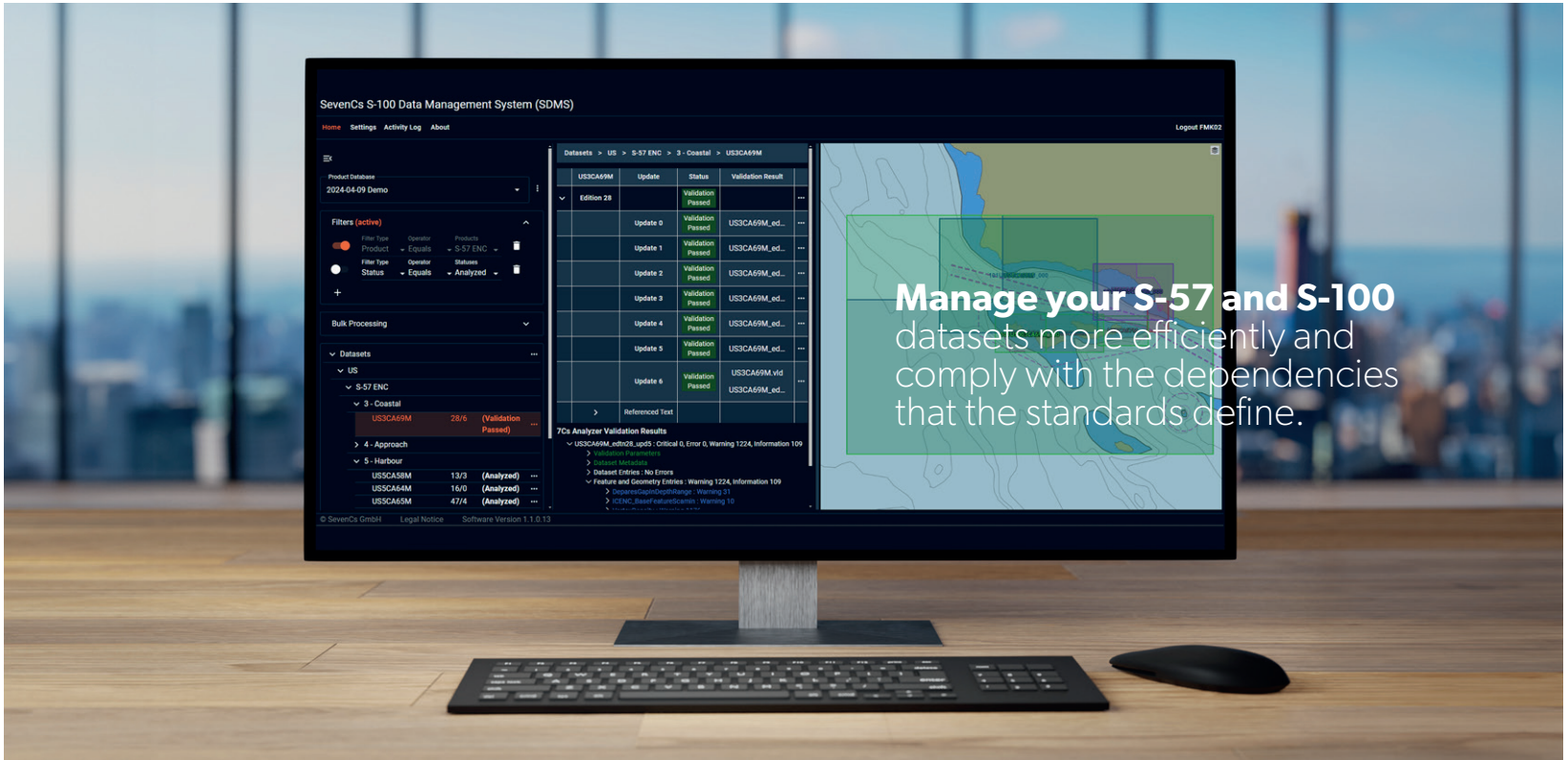


S-100 Data Management System (SDMS)

Viewing, analyzing and managing S-57 and S-100 data products



The S-100 Data Management System (SDMS) is designed to facilitate predefined workflows in a modular fashion to keep the S-57 and S-100 management processes as consistent with both the standards and your requirements as possible.

S-100 DATA MANAGEMENT SYSTEM (SDMS) FEATURES:

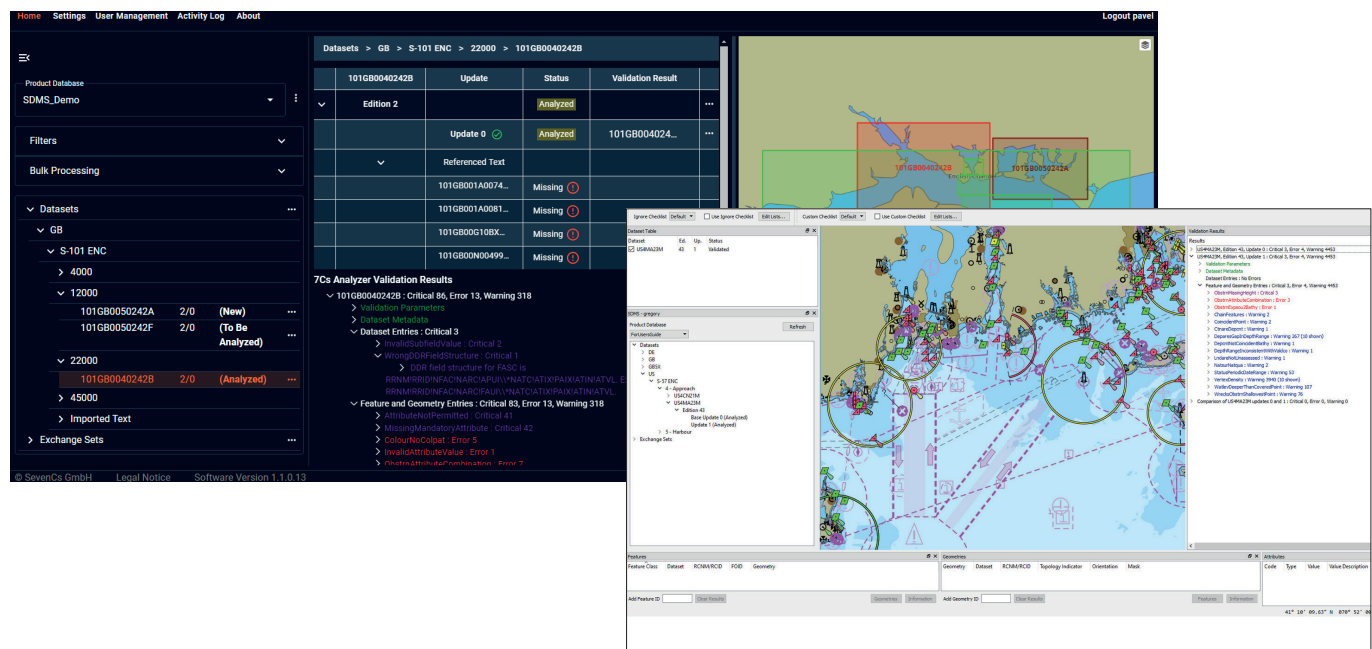
- Status-driven management system for S-100 processing workflows
- Workflow Management based on the S-57 and S-100 standards
- Database, Application Server, Web User Interface
- Multi-user support
- Works as a cloud service or in a local network and can also be used on a desktop computer
- The integrated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

NEW FEATURES:

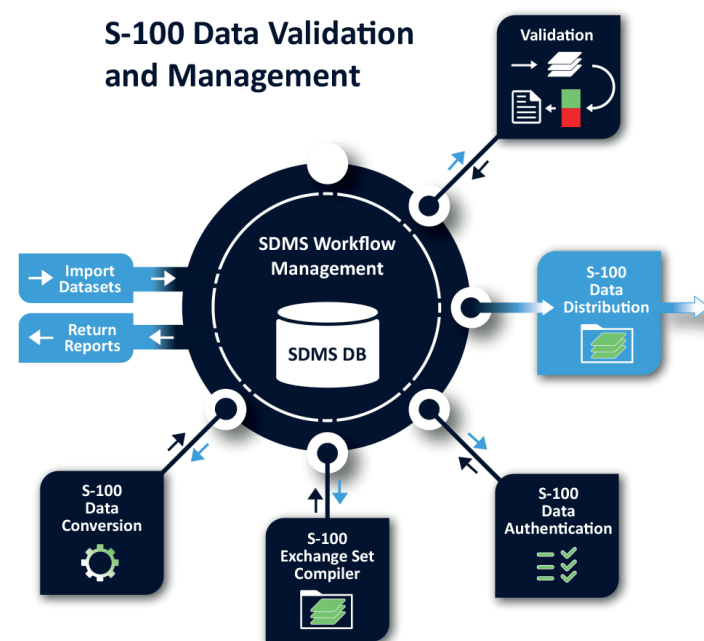
- Advanced dataset filtering and bulk processing
- Interaction with 7Cs Analyzer Service API
- Integration of Caris Composer for S-57 / S-101 native editing and data fixing
- S-100 dataset authentication (digital signatures) and creation of S-100 exchange set
- Handling of keys and IHO certificates used for authentication of S-100 datasets (S-100 Part 15)
- Management of S-100 Discovery Metadata
- API for integration of SDMS processes in third party workflows
- S-100 conversion workflows
- Conversion completeness checks

SUPPORTED PRODUCTS:

- S-57 ENC's
- S-57 bENC's
- S-57 IENC
- S-57 bIENC's
- S-101 ENC's
- S-102 Bathymetric Surface



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 future extensions.