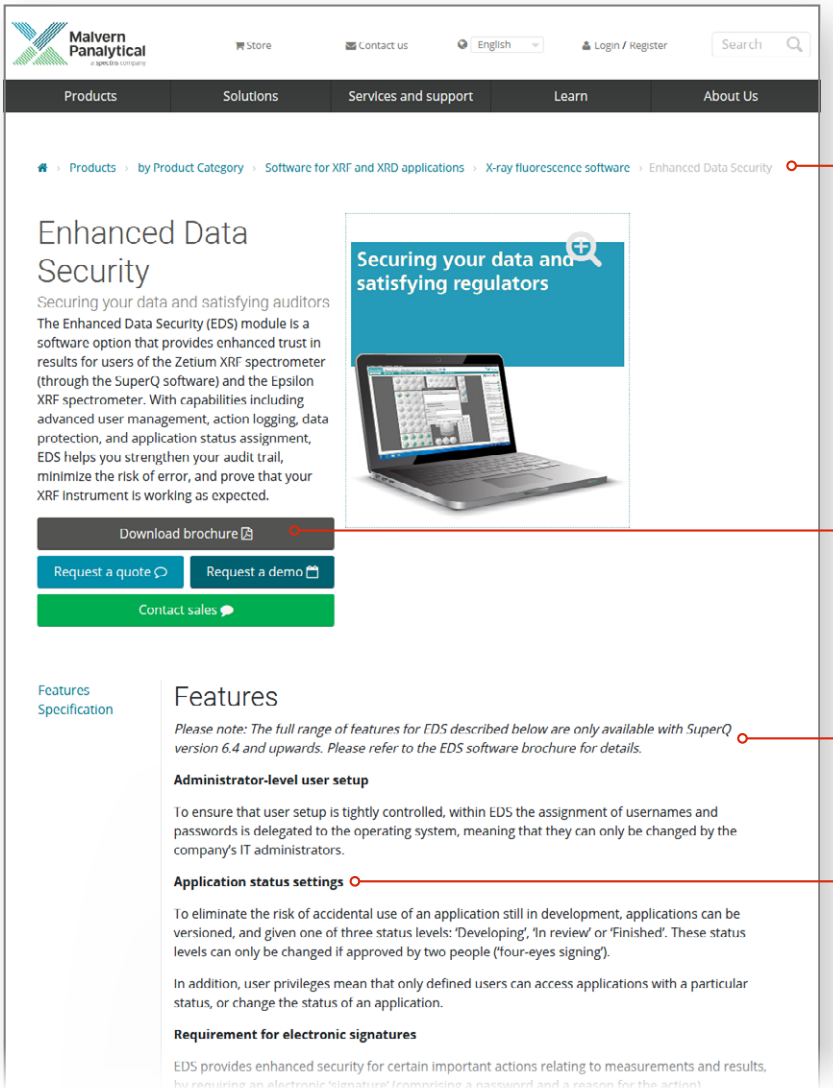
PRODUCT WEBPAGE

In this brief, an optional software module was being updated with more features, and I was asked to rewrite the product page to reflect this.

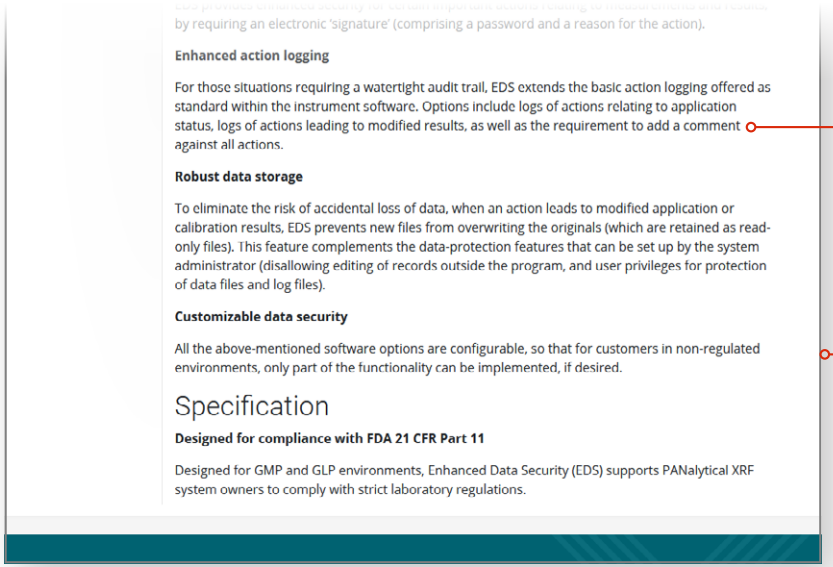


Before putting pen to paper, I carefully reviewed the existing literature and the briefing documents supplied by the product team.

One challenge when writing the copy was that the previous edition of the software module was to remain available. However, to avoid undue complexity in the web copy, I decided to leave discussion of the differences to the brochure (which I also prepared as part of the project).

In addition, the updated version of the module was not compatible with all versions of the parent software package. I therefore pointed this out clearly in an introductory line.

For clarity, I introduced each feature under a single short subhead, and used the same terminology throughout.



by requiring an electronic 'signature' (comprising a password and a reason for the action).

Enhanced action logging

For those situations requiring a watertight audit trail, EDS extends the basic action logging offered as standard within the instrument software. Options include logs of actions relating to application status, logs of actions leading to modified results, as well as the requirement to add a comment against all actions.

Robust data storage

To eliminate the risk of accidental loss of data, when an action leads to modified application or calibration results, EDS prevents new files from overwriting the originals (which are retained as read-only files). This feature complements the data-protection features that can be set up by the system administrator (disallowing editing of records outside the program, and user privileges for protection of data files and log files).

Customizable data security

All the above-mentioned software options are configurable, so that for customers in non-regulated environments, only part of the functionality can be implemented, if desired.

Specification

Designed for compliance with FDA 21 CFR Part 11

Designed for GMP and GLP environments, Enhanced Data Security (EDS) supports PANalytical XRF system owners to comply with strict laboratory regulations.

Given the subject matter, complete clarity was essential. I achieved this by using a calm, matter-of-fact writing style, aided by minimal use of adjectives.

The updated software was released in December 2020.

You can see the webpage at: www.malvernpanalytical.com/en/products/category/software/x-ray-fluorescence-software/enhanced-data-security

Feature	Existing software	With standard version of EDS (SuperQ or Epsilon)	With advanced version of EDS (SuperQ version 6.4+ only)
User setup			
Usernames and passwords required	✓	✓	✓
Administrator-level assignment of usernames and passwords		✓	✓
Application settings			
Privilege levels for each task (view-only, measure, application development, etc.)	✓	✓	✓
Three status levels available for all applications			✓
Application versioning			✓
User privileges for amending application status			✓
Unauthorized applications hidden from operator interface			✓
'Four-eyes signing' on changes in application status			✓
Electronic signatures			
Electronic signatures required for actions regarding measurements, or for changes to results		✓	✓

The accompanying product brochure also features an easy-to-understand check-box feature table, which I compiled as part of the project, and which was included following my suggestion.