

**CLIENT** QRA Corp  
**PROJECT** Article-style case study  
**OBJECTIVE** Document Ultra Electronics' success with QVscribe – in a format suitable for publication in a trade journal.

## COPY EXCERPT

### How Ultra Electronics Maritime Systems Reduced the Time and Cost to Revise Requirements by 75% or More



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You can also view and download it at: <https://qracorp.com/ultra-electronics-case-study/>

#### A New Analysis Tool for Natural-Language Requirements

It turned out Maritime Systems had a possible solution to these problems right in their own neighbourhood. In the summer of 2017, they connected with QRA Corp, a fellow Nova Scotian technology developer. QRA invited Maritime Systems to try their new requirements analysis tool, QVscribe.

QVscribe was designed to help engineers, business analysts and project managers improve requirements written in natural (spoken) language. It analyses requirements against accepted RE best practices and highlights the problems it finds directly within the application in which the requirements are written. There's no need to reformat or export to a separate program.

QVscribe helps streamline RE workflow by presenting its analysis results through simple, intuitive, actionable scoring of individual requirement quality and overall document quality. It can be quickly and easily customized for program-specific practices and terminology. And it provides reports on consistency in use of terminology and units of measurement and on similarity between requirements – the latter being useful in finding duplicates and conflicts between requirements.

#### Requirements correction time and cost reduced by over 75%

An important consideration for Maritime Systems was how well and how easily QVscribe would integrate with their current tools and workflow. They wanted to retain their current requirements management (RM) tool, 3SL Cradle, but add QVscribe's more extensive analysis features.

Fortunately, QVscribe was designed with this issue in mind. As soon as they began their evaluation, Maritime Systems found QVscribe integrated seamlessly with their extant toolset and processes. QVscribe works directly within the Microsoft Office apps (Word and Excel) that Ultra uses for publishing specifications, and it exports requirements and reports in native Office formats. Marine Systems had no trouble transferring QVscribe-analysed requirements to Cradle.

*"It's rare that an outside writer can also help with subject matter expertise. John contributed not just great writing but valuable insight, as well.."*

Trevor Bradley  
Marketing Director  
QRA Corp