



## CASE STUDY

# AEROSPACE – COMMERCIAL AVIATION AND SPACE CHOOSE S1000D

The Commercial Aviation and Space industries have chosen S1000D as a specification to streamline their technical publications supporting multiple assets, including Airbus, Boeing, Mitsubishi, SpaceShipTwo Unity, and many more.

### WHAT IS S1000D?

S1000D takes re-using, exchanging and delivering data to the next level, well beyond anything implemented previously with the ATA Spec 2100 and iSpec 2200 data formats.

### WHAT VERSION OF S1000D IS REQUIRED

To properly implement S1000D, the included set of Business Rules ensures that all suppliers comply with the required version of S1000D when delivering data to the Primes and OEMs globally.

Documenting the required version in the Business Rules and schema types ensures that all the data complies. Using the R4i suite allows you to customize outputs should the Primes and OEMs require multiple versions of S1000D in the delivery. Whether delivering S1000D data to the end user, our solutions manage every version of S1000D required.

### WHAT IS THE ATA SPECIFICATION 1000BR ABOUT IN THE CIVIL AVIATION INDUSTRY?

With additional acceptance over the last few years of utilizing S1000D into the civil aviation industry's technical documentation, ATA have released the Business Rules for Issue 4.1 and Issue 4.2. If you are a member of ATA you have access to these specifications for free, but if you are not a member then they can be purchased.

If you are familiar with S1000D you will be aware of the BRDPs (Business Rules Decision Points). The ATA Specification have determined which BRDPs should or should not be used for the civil aviation content. Understanding these BRDPs, in conjunction with the specification, will mean that when authoring content you will be creating valid data.

Also contained within this specification are details of what can be included in your S1000D data modules for each schema, including details of how these elements and attributes should be presented in a PDF delivery.

Making sure that you use the ATA 1000 BR Specification when you start to develop your content will ensure that you are creating content that will be accepted by your end customer when delivering the source data.

Understanding the schemas, elements and attributes that are allowed and having the tools available that can verify that the content you are producing is valid to the ATA 1000 Business Rules, is vital for the successful delivery of your content to the Prime.

Once you have been able to develop your content and validated the content against the schema's and Business Rules, you may also be required to deliver a PDF of the content that has been produced. Making sure that the output of the PDF is valid to the Business Rules and abides to the 1000BR style guide, will mean that your delivery will be accepted by the Prime.