**SCOPE**

Critical Software's approach to providing customers with gap analysis audits adopts a rigorous and phased approach, with different activities prescribed at each stage. The objective is to enable the customer to understand the gaps that exist in the implementation of a given project according to the relevant industry certification standards.

**KEY ACTIVITIES**

**Information Gathering**

The information gathering phase sets out to obtain all of the relevant information about the project. This includes specific information about the project’s implementation, artifacts and processes. It also includes face-to-face interviews to ensure all relevant information is captured.

**Gap Analysis**

A thorough gap analysis is then performed on the information collected in order to identify gaps in the project’s processes. The relevant industry certification standards are used as a reference point for this analysis.

**DELIVERABLES**

**Audit Analysis**

Report: The gap analysis results are documented in an audit report that is delivered to the customer. Contents include data from the analysis of project artifacts, processes and components, a synthesis of results and recommendations relating to the project as well as a list of open points to address.

**Final Presentation**

A final presentation will also synthesise the gap analysis audit, highlighting the main recommendations and the open issues identified. There will then be an opportunity to discuss the outcomes of the gap analysis.

**RELEVANT INDUSTRIES**

<table>
<thead>
<tr>
<th>Automotive</th>
<th>Industrial</th>
<th>Railway</th>
<th>Medical</th>
<th>Aerospace</th>
<th>Space</th>
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<td>ISO 26262</td>
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<td>EN 50126</td>
<td>ARP 4761</td>
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<td>Functional safety - safety instrumented systems</td>
<td>Railway</td>
<td>Medical devices - software lifecycle processes</td>
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**ABOUT CRITICAL SOFTWARE**

Critical Software provides systems and software services for safety, mission and business-critical applications. We work closely with our clients, helping them to meet the most demanding standards for performance and reliability.

We were founded in 1998, with NASA our very first client. Today, we work across many international industries and have offices across the globe.