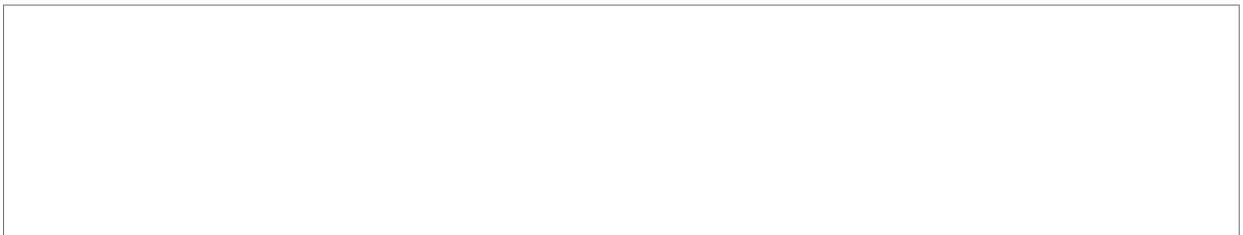


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Pillar 1: ISO 9001

Pillar 2: ISO 26262

Pillar 3: R&D Product Development Methodology  
The Synopsys ARC IP R&D Product Development Methodology



## Managing Quality and Functional Safety in all Phases of Product Development

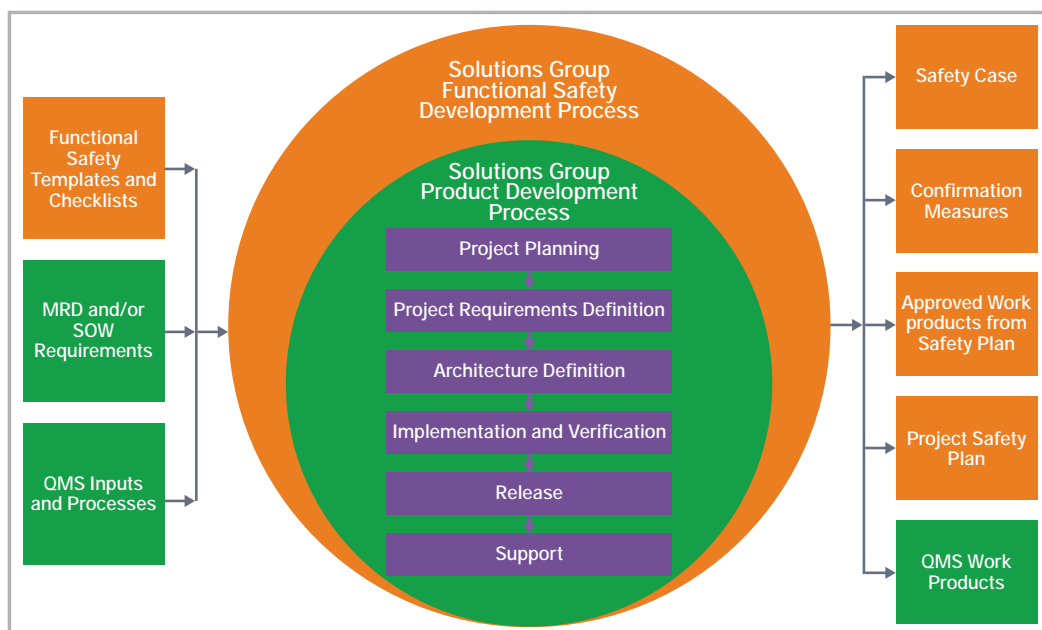


Figure 4: Functional safety development process framework implemented in the development of ARC processors

## Key Supporting QMS Processes Implemented

<p>A project's Configuration Management Plan is developed</p>	<p>To control each change introduced throughout a product's lifecycle</p>			
<p>Configuration items are documented, evaluated and approved</p>	<p>Manage each change request (ú c%)</p>			
<p>Configuration Status Reports are generated throughout the lifecycle of the product</p>				

## Issue Tracking and Project Management Platform

Define the issue

Assign responsibility

Set priorities

Track progress

Conduct root cause analysis

Implement corrective and preventive actions

## Quality Checklist Tool

- Trace requirements from customer needs through to final verification
- Includes the complete requirements for a functional

## Conclusion

