



Safety through quality

ORDER INFORMATION

MACH¹⁷⁸ Blueprint Product description and licensing

Order information: MACH¹⁷⁸ Blueprint



The **MACH¹⁷⁸** Blueprint is a collection of resources and training to support research and development related to multicore DO-178C (A(M)C 20-193) compliance.

The **MACH¹⁷⁸** Blueprint is based on the **MACH¹⁷⁸** workflow, and on the documents included in **MACH¹⁷⁸** Foundations, which must be purchased separately. For more information, see the *MACH¹⁷⁸ Blueprint and MACH¹⁷⁸ Foundations Product briefs*.

When you buy the **MACH¹⁷⁸** Blueprint, you receive:

- Electronic access to the documents included in the **MACH¹⁷⁸** Blueprint.
- Software tool licenses for **RVS** products that support the **MACH¹⁷⁸** Blueprint.
- Training to support your multicore compliance journey using the **MACH¹⁷⁸** Blueprint.

Documents

The **MACH¹⁷⁸** Blueprint includes electronic access to the following documents:

- DO-178C (A(M)C 20-193) planning documents that have been instantiated for the Blueprint project; this includes a *Plan for Multicore Aspects of Certification* and a *Multicore Software Verification Plan* based on the Blueprint project
- Compliance results and completed checklists generated by using the **MACH¹⁷⁸** workflow on the Blueprint project
- Project files including **RVS** project files and tests, which can be used to run some stages of the **MACH¹⁷⁸** workflow on the Blueprint project

For more information on the documents included in the **MACH¹⁷⁸** Blueprint, see the *MACH¹⁷⁸ Blueprint Product brief*.

Document licensing

Documents included in the **MACH¹⁷⁸** Blueprint are licensed on a perpetual basis for use within your company.

Software Tool Licensing

The **MACH¹⁷⁸** Blueprint includes the following licenses for **RVS** tools:

- One *floating annual* license for Rapi**Test** (product code: RPF-aero-F-A)
- One *floating annual* license for Rapi**Time** (product code: RPT-aero-F-A)
- One *floating annual* license for Rapi**Task** (product code: RPZ-aero-F-A)
- One *floating annual* license for **RVS** Core (product code: RVSc-aero-F-A)

For more information on each software tool and license, see the corresponding *product brief* for each tool, and the *RVS^{Aero} Order information* document.

Software support and maintenance is included for the duration of each license, as described in the *Software support and maintenance product brief*.

Training

The **MACH¹⁷⁸** Blueprint includes up to 40 hours of training. This is delivered as a series of 10 4-hour long sessions, typically over the course of 2 weeks with one session per day. Each session includes both theoretical instruction and practical exercises.

By default, training is delivered online for a group of up to 10 engineers.

Table 1. MACH¹⁷⁸ Blueprint product code

Product	Product code
MACH ¹⁷⁸ Blueprint	MACH178-BLP



About Rapita

Rapita Systems provides on-target software verification tools and services globally to the embedded aerospace and automotive electronics industries.

Our solutions help to increase software quality, deliver evidence to meet safety and certification objectives and reduce costs.

Find out more

A range of free high-quality materials are available at:
rapitasystems.com/downloads

SUPPORTING CUSTOMERS WITH:

Tools

Rapita **Verification Suite:**

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Rapi**Cover**

Rapi**Time**

Rapi**Task**

Engineering Services

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Integration Services

Qualification

SW/HW Engineering

Compiler Verification

Multicore verification

MACH¹⁷⁸

Multicore Timing Solution

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