

# Phaedrus Systems

Safety Critical and High reliability Embedded systems tools

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# Phaedrus Systems

Embedded safety-critical  
and  
High-integrity systems



# Phaedrus Systems

Tools

Services

Publications

Professionalism



# Key tools

Requirements capture

IEC 61508, EN 50128 (Rail)  
and nuclear applications

SIL3 RTOS

Compiler validation reports

# Other tools

Code checkers

Static and dynamic analysers

Unit testing

USB and TCP/IP stacks

Development kits

Debuggers

ICE (Emulators)

# Services

Consultancy  
Process Audits  
Code Audits  
Coding Standards  
Contract Staff

# Standards experience

Active in:

ISO C and ISO C++

ISO High Integrity Group

IEC 61508-3 Functional Safety

MISRA-C:2004 (a principal author)

MISRA-C:2010

MISRA-Languages Team (Chair)

# Experience

## Hardware

Experience in both analogue & digital domains  
Valves to CMOS

## Software

Wide range of languages and applications

## Management

Leading technical teams and projects

## Military systems

Air and ground based – in field & in development

## Experimental systems

In safety critical industrial control



# Professionalism

Working on safety critical or high-integrity embedded systems?

Phaedrus Systems can provide you with  
The right tools.

And if we don't have the right one we will guide you to an alternative source.



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