



TRUST YOUR SOFTWARE

seL4 PLATFORM INTEGRATION

If you need true security, half-measures just won't do.

Complete formal verification is the only known way to guarantee that a system is free of programming errors, and one of the achievements of seL4.

DornerWorks is a leader in accelerating integration of seL4 as the trusted software base for your product.

INCLUDED IN THE QUICK START PACKAGE



seL4 on a working platform

- Build environment and instructions.
- ARM target selection.
- seL4 & CAMkES examples.



Training workshop

A one-day, hands-on tutorial-style workshop with your entire team, covering a range of seL4 topics, and more.



Consulting report

Clear, written recommendations from our experts to further guide you through implementing seL4 with your product.

FRUSTRATION-FREE EMBEDDED SECURITY SUPERCHARGED WITH THE SEL4 MICROKERNEL



The complexity of embedded security shouldn't hold your team back from innovation.

seL4 has already been proven secure, so you don't have to do the extreme math yourself. DornerWorks will help you fill in the gaps to enhance your security story.

DornerWorks.com

| +1.616.245.8369



I am fortunate to work with DornerWorks as a



STRONG SYSTEMS SOLUTION PARTNER

supporting our customers across so many disparate system architectures and technical challenges.



~Senior Project Manager



KICKSTART DEVELOPMENT

Getting your feet wet with complex technology can be intimidating. DornerWorks has been working with seL4 for several years, supported by Small Business Innovative Research contract awards from DARPA.

We understand how to leverage the seL4 microkernel to support your needs, including customization, certification, and optimization.

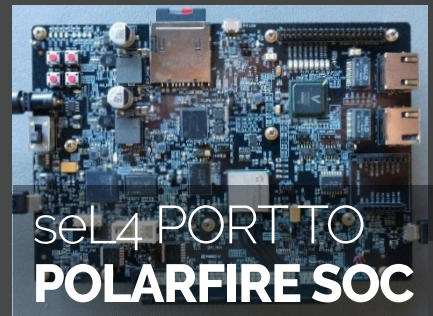
With our seL4 Quick Start Package, you can rely on our expertise and win back freedom to focus on your product.



seL4 PORT TO RISC-V

Open source RISC-V hardware architecture has provided developers with a cost-effective platform on which to build products that can easily integrate with others in the rapidly-growing RISC-V ecosystem.

DornerWorks seL4 port to RISC-V hardware makes it possible to build enhanced security into those products, with the added confidence that new devices and supercharged processing platforms like Microchip's PolarFire FPGAs are yet being developed to harness the power of this technology.



seL4 PORT TO POLARFIRE SOC

We used Antmicro's Renode emulator to port the seL4 microkernel to the PolarFire SoC architecture, and later using the target hardware.

The security properties of seL4 can be formally verified on RISC-V hardware, providing mathematical proof that the system will support and isolate software processes as expected.

DornerWorks engineers also used Renode to port seL4 to the HiFive Unleashed expansion board, which uses PolarFire FPGAs and features nearly identical device trees.

GET STARTED TODAY



Contact us for a free consultation and together we will determine a solution that fits your product security goals.

SCHEDULE A CONSULTATION

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