



# seL4<sup>®</sup> Foundation

## Update

June Andronick



**Home to an ecosystem of software, developers and adopters  
for safety- and security-critical systems based on seL4**

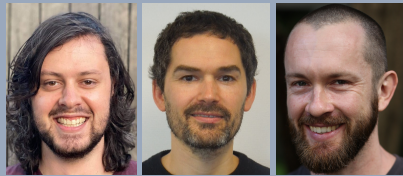
**Vibrant and well supported  
community**

**Most highly-assured and fastest  
operating-system technology**

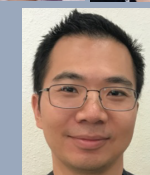
**Readily deployable,  
with a strong ecosystem**



## TSC



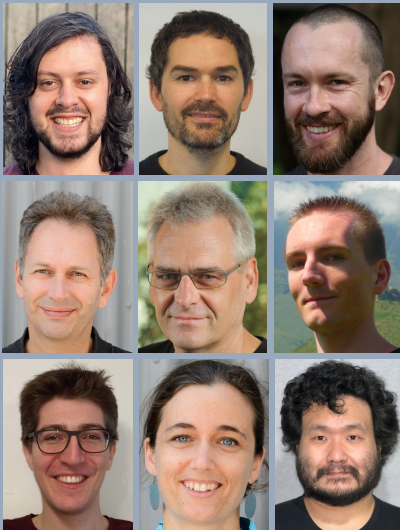
## Board



# Technical Update



## TSC



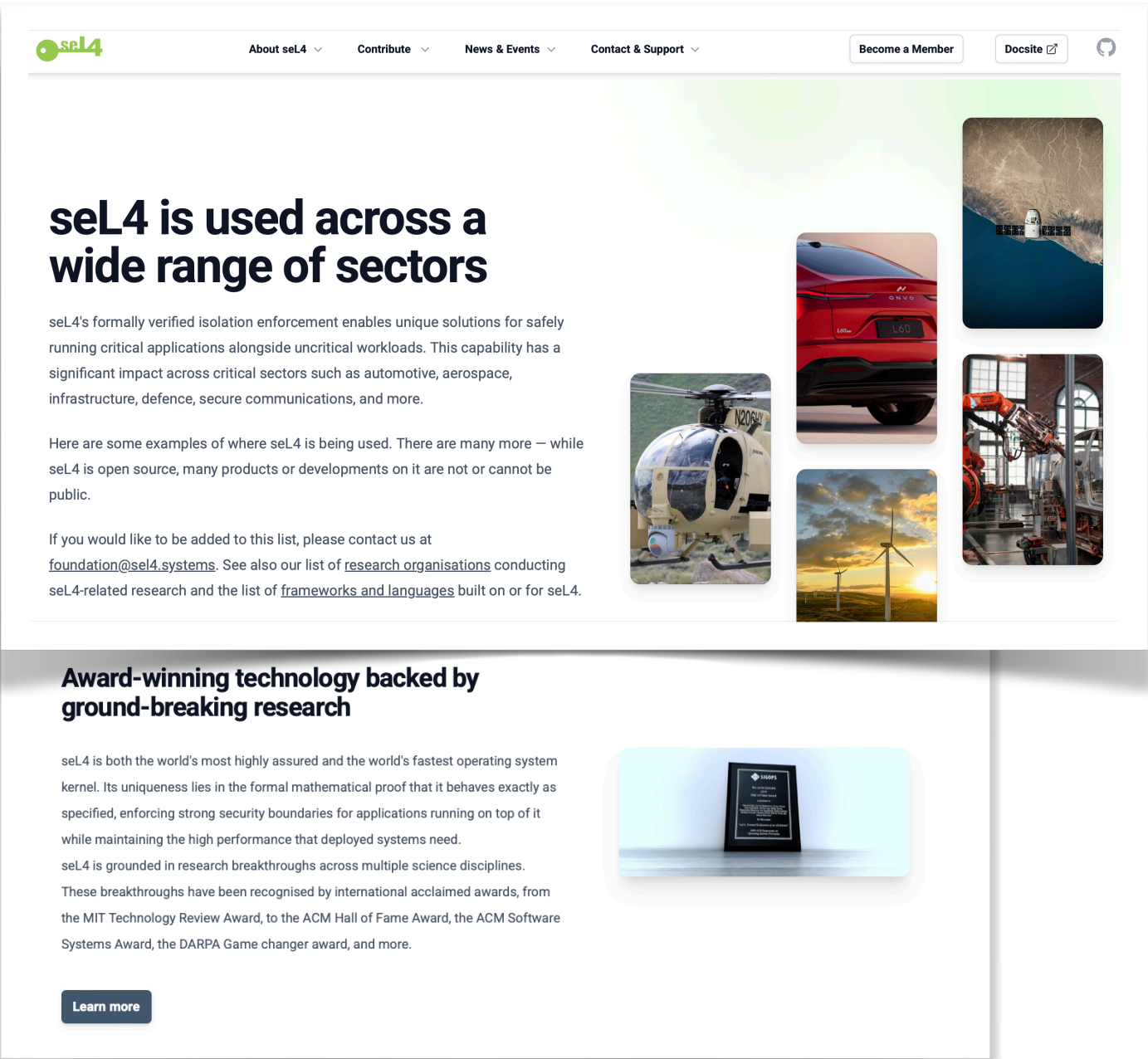
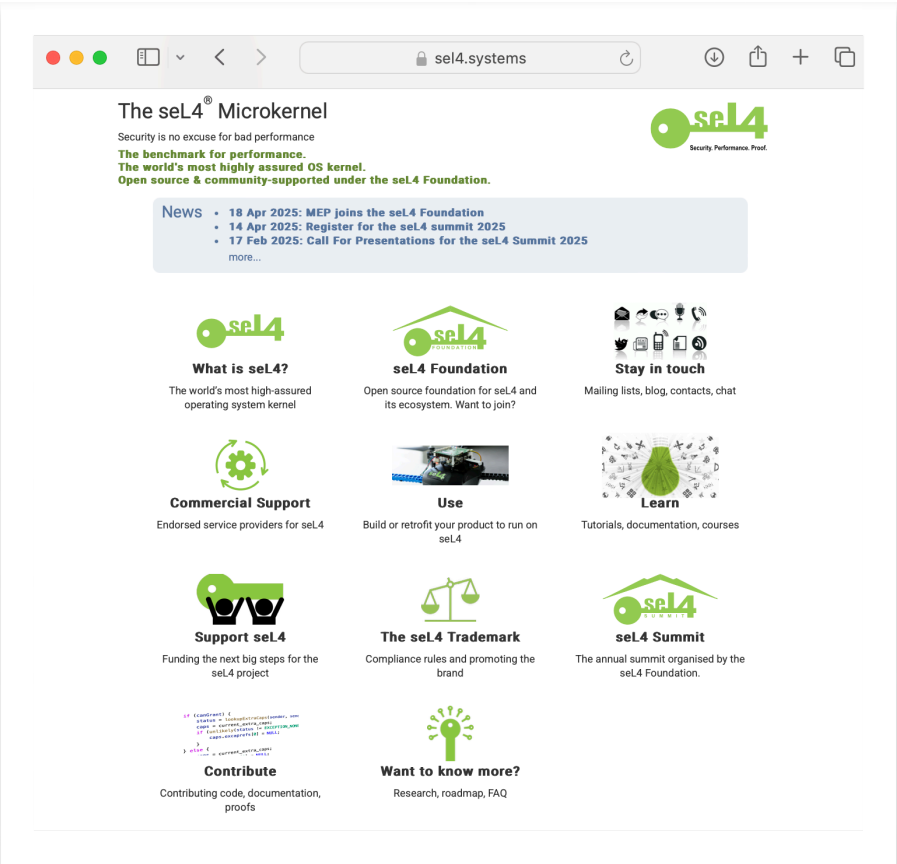
**More verified platforms:** all Arm platforms supported are now verified!

**Support:** lots of contributions from Indan, Nick, UNSW, Proofcraft ++

**Website/Docsite:** fully revamped and released!



# New seL4 website



# New seL4 docsite

seL4

Security. Performance. Proof.

Resources

Contributing

Projects

Tutorials

docs.sel4.systems/projects/seL4/

Search sel4.systems

seL4 Docs / Projects / The seL4 microkernel

Current versions: [seL4-13.0.0](#) [microkit-2.0.1](#) [camkes-3.11.0](#) [capDL-0.3.0](#)

seL4

L4.verified

CAMkES

CapDL

seL4 Buildsystem

Elfloader

The seL4 run-time

user\_libs

seL4bench

seL4 tutorials

seL4webserver

seL4Test

Virtualization

camkes-vm

seL4 Documentation website

seL4\_tools

Dockerfiles

Hardware Hacks

Microkit

Rust

## The seL4 microkernel

opensesl best practices silver

CT passing

Deploy failing

C Parser passing

Compile passing

Proof Sync passing

RefMan passing

XML passing

This project contains the source code of seL4 microkernel.

For details about the seL4 microkernel, including details about its formal correctness proof, please see the [seL4.systems](#) website and associated [FAQ](#).

DOIs for citing recent releases of this repository:

- DOI: [10.5281/zenodo.591727](#)

We welcome contributions to seL4. Please see the website for information on [how to contribute](#).

This repository is usually not used in isolation, but as part of the build system in a larger project.

## seL4 Basics

- Tutorials
- Documentation
- seL4 libraries
- seL4Test
- Debugging guide
- Benchmarking guide
- Virtualization on seL4
- Host Build Dependencies
- [Porting seL4](#)

## Community

- Forums:
  - [Discourse](#)
  - [seL4 Announce](#)
  - [seL4 Devel](#)

See also the [contact](#) links on the seL4 website.

## Reporting security vulnerabilities

If you believe you have found a security vulnerability in seL4 or related software, we ask you to follow our [vulnerability disclosure policy](#).

## Manual

A hosted version of the [manual](#) for the most recent release can be found [here](#).

A web version of the API can be found [here](#)

## seL4

- [Documentation homepage](#)
- [Status](#)

## Repositories

- [seL4](#)

## Releases

- [seL4 13.0.0 \(manual\)](#)
- [seL4 12.1.0 \(manual\)](#)
- [seL4 12.0.0 \(manual\)](#)
- [seL4 11.0.0 \(manual\)](#)
- [seL4 10.1.1 \(manual\)](#)
- [seL4 10.1.0 \(manual\)](#)
- [seL4 10.0.0 \(manual\)](#)
- [seL4 9.0.1 \(manual\)](#)
- [seL4 9.0.0 \(manual\)](#)
- [seL4 8.0.0 \(manual\)](#)
- [seL4 7.0.0 \(manual\)](#)
- [seL4 6.0.0 \(manual\)](#)
- [seL4 5.2.0 \(manual\)](#)
- [seL4 5.1.0 \(manual\)](#)
- [seL4 5.0.0 \(manual\)](#)
- [seL4 4.0.0 \(manual\)](#)
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- [seL4 3.0.0 \(manual\)](#)
- [seL4 2.1.0 \(manual\)](#)
- [seL4 2.0.0 \(manual\)](#)

seL4 DOCS

Getting Started

The seL4 Kernel

- Overview
- Setting up
- Tutorial
- How-to
- API docs
- Manual
- Supported platforms
- Verified configurations
- Configurations
- Standalone seL4 builds
- Bitfield generator
- Testing & benchmarking
- Contributing
- Porting to a new platform
- Releases
- Sources

Microkit

CAMkES

C support

Rust support

ELF loader

capDL

Examples & demos

Releases

Contribute

Contact

Support

Main Site

## The seL4 microkernel

The seL4 kernel itself is the core software program, running in privilege mode, providing applications with a minimal abstraction layer above the hardware. Applications can be built directly on top of seL4, or, for an easier entry point, using frameworks like [Microkit](#) or [CAMkES](#).

General information about the [seL4 microkernel](#), including details about its [formal verification](#) are found on the [seL4 main site](#), which also contains other sources of learning, such as [publications](#), [courses](#), and a [white paper](#), as well as an extensive [FAQ](#).

We welcome contributions to seL4. Please see [how to contribute](#).

The seL4 kernel itself is open source and [licensed](#) under the GPL, version 2. Application code, operating system components, and drivers can have any license, proprietary or open source. The GPL propagation clause of the kernel license stops at the kernel/user code boundary.

Tutorial

Learn about the base API mechanisms provided by the seL4 kernel through short exercises and basic examples.

Learn more →

Manual

The seL4 kernel reference manual.

Learn more →

API

The C API reference for the seL4 kernel.

Learn more →

Sources

The source code of seL4 microkernel.

Learn more →

Supported Platforms

The table of all hardware and platforms supported by seL4.

Learn more →

Verified Configurations

Description of the architecture/platform/configuration combinations for which seL4 has verified properties.

Learn more →

seL4 Foundation Update, June Andronick

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# Technical Update



**TSC**



More development, verification and support  
for **seL4 & its associated technologies**





## Board



**Support:** lots of contributions and support from Nick & Indan

**Infrastructure:** maintenance and updates

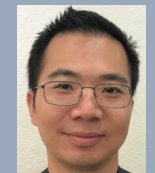
**Summit:** 55 registrations; 5 sponsors

**New members:** MEP, Cyberagentur, Trusted Computing

**Leadership & coordination:** yours truly and amazing Birg



## Board

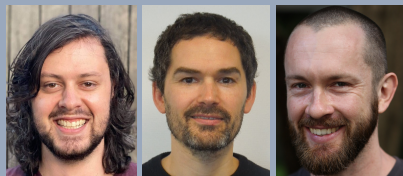


Supported and vibrant community,  
pushing **verified software in deployed products**

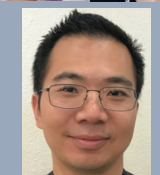




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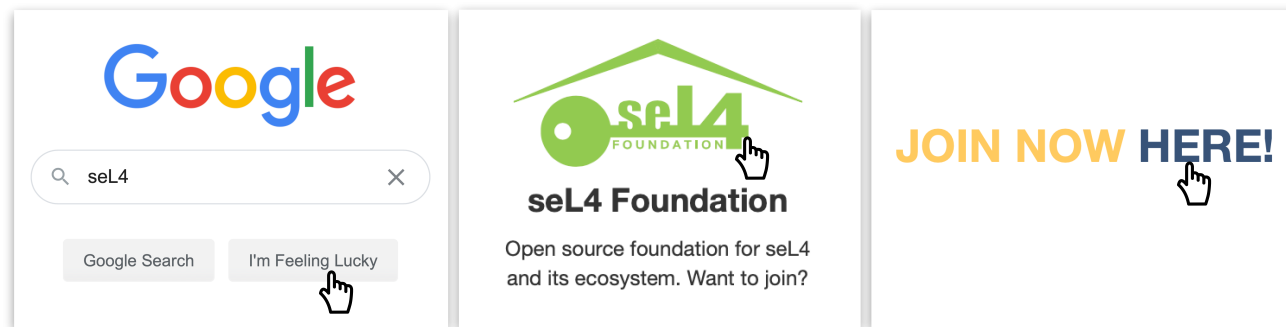




**Most highly-assured and fastest operating-system technology**

**Open-source, free to use by everyone**

**It needs to be supported by its users and adopters**



# seL4<sup>®</sup> Foundation

## Strategic change

June Andronick

**Plan:**

- transition the seL4 Foundation from under the Linux Foundation (LF) to its own entity
- established as a Swiss Association (“Verein”); same as RISC-V Foundation

**Main reasons:**

- very little overlap between existing LF members and seL4 Foundation members
- therefore obligation to be an LF member hinders outreach and retention



# Aim:

## What won't change:

- same purpose
- same internal structure (separate Board and TSC)
- keep using LF Event team for summits 😊

## Main changes:

- new paperwork, but same spirit
- no need to be LF member, no 9% administration fee
- updated fee structure (with **new tier for size 0-20**)

### Current Fee structure

seL4 fee		LF fee (Silver)		seL4 + LF fee
Premium	USD 100,000	USD 20,000	**	USD 120,000
General 5000+	USD 30,000	USD 20,000		USD 50,000
General 500-4999	USD 20,000	USD 15,000		USD 35,000
General 100-499	USD 10,000	USD 10,000		USD 20,000
General 0-99	USD 3,000	USD 5,000		USD 8,000

\*\* assuming a 500-4999 company

### Proposed new Fee structure

Tiers	Fee in CHF		Equivalent in USD*		vs seL4 alone	vs seL4 +LF
Premium	CHF	100,000	USD	122,797	22.8%	2.3%
General 5000+	CHF	35,000	USD	42,979	43.3%	-14.0%
General 500-4999	CHF	20,000	USD	24,559	22.8%	-29.8%
General 100-499	CHF	10,000	USD	12,280	22.8%	-38.6%
General 21-99	CHF	4,000	USD	4,912	63.7%	-38.6%
(New) General 0-20	CHF	2,500	USD	3,070		

\*Conversion rate at 17/6/2025: CHF 1 USD 1.22797



**Aimed Timeline:**

- finalise statutes, registration and creation of new entity by Nov 2025
- get existing members transitioned by end of 2025 / start of 2026
- get new members signed up starting from Dec 2025

**Questions: [foundation@sel4.systems](mailto:foundation@sel4.systems)**



**Thank you**