It can be challenging to build a secure system for your virtual machines (VMs) from the ground up. The seL4 microkernel enables robust security, and its virtual machine monitor (VMM) can be used to host VMs supporting AMP, SMP, or a mix of both on a multi-core processor, enabling richer software architectures using different operating systems.

DornerWorks Virtual Machine Composer is the “easy button” that will help you develop virtualized high-assurance systems faster and more easily.

**EASY CONFIGURATION FOR NON-EXPERTS**

The VMM automatically:
- Sets up build environment
- Produces executables and file systems
- Generates essential configurations

**REMOVE OBSTACLES DEVELOP CONFIDENTLY**

The VMM provides:
- Repository management
- Multiple VM config tracking
- Identification of components that need to be built for the specified target
- Configuration for seL4 and CAmkES
- Consistency between various software components and configuration files

**SEL4 COMPOSER SDK PRODUCT FEATURES**

- GUI and CLI interfaces
- System configurability
- VM configuration options
  - Execution environment
  - Software

**Supported hardware targets**: Ultra96, NASA HPSC, ZCU102, Raspberry Pi 4
**Supported VM kernels**: Linux, FreeRTOS, RTEMS, VxWorks

**EMBEDDED VIRTUALIZATION SIMPLIFIED**

You shouldn’t have to be an expert in every software development tool to configure and build a secure VM solution.

Schedule a consultation with DornerWorks today, find a trusted foundation for your software, and get back to growing your business.
Connect with us now. Together we will map out a plan that meets your product goals and helps you grow your business.