WHAT IS VIRTUOSITY OA?

First Open Source OSS Certified to the FACE Technical Standard

What does Virtuosity OA help you do?

Virtuosity OA™ is a Xen-based hypervisor distribution from DornerWorks that enables virtualized systems on embedded hardware platforms. Virtuosity is also open source, which means you own the software.

DornerWorks Virtuosity OA (Open Architecture) enables integration of different software components and cost effective development of robust virtualized systems. Certified to the FACE Technical Standard for mission critical systems in aerospace and defense, Virtuosity OA meets open architecture requirements.

Virtuosity OA mitigates product obsolescence, and maximizes customizability for future upgrades and integration.

Who is Virtuosity OA for?

Virtuosity OA enables a flexible and cost-effective development environment for anyone looking to reduce the size, weight, or power (SWaP) of their design. By consolidating hardware resources on a common computing platform, Virtuosity OA reduces the need to maintain legacy systems.

Virtuosity OA also enables the distributed virtualized development systems DARPA, the US Navy, US Army, and other leaders in aerospace and defense are already integrating into their platforms, leveraging this cost-effective development environment to build their own virtualized solutions.

How is Virtuosity OA licensed?

Virtuosity OA is a collection of open source software with various licenses:

- BSD Style
- GPLv2
- Other open source licenses, including public domain

Where can you get Virtuosity OA?

Virtuosity OA is only available through a Quick Start Package (QSP) or portal membership. It’s all open source; you are free to do what you will with it, pursuant to the existing open source licenses of the software components.

DornerWorks offers design services to incorporate virtualization into your software architecture and to add the features or capabilities your product needs. As the provider of Virtuosity OA, DornerWorks is ideally situated to help you take the next step.

If you are interested in becoming an expert on Virtuosity and embedded hypervisors, we can help you there too. We offer a Virtuosity OA Quick Start package, which includes training, help getting your platform up and running with a more advanced configuration, and in-depth consultation for topics of interest to you to start you on the path to success.