QUICK START PACKAGE
Get started with Virtuosity® OA

Many companies struggle with the learning curve involved with virtualization on embedded platforms.

The Virtuosity OA® Quick Start Package (QSP) by DornerWorks provides the fast launchpad that your project needs so that you can get back to focusing on what you do best.

DornerWorks has been working on hypervisor solutions like the Xen-based Virtuosity OA for several years, supported in part by numerous Small Business Innovative Research contracts from the US Navy, DARPA, and Army. DornerWorks is recommended for design services both by Xilinx as an **Alliance Program Premier Partner**, and by NXP as an **Approved Engineering Consultant**.

With our Quick Start Package, you get a fast start to your project, and are free to focus on your innovations.

Included in the Package

- Embedded Virtuosity OA on a working platform of your choice
  - Xilinx Zynq UltraScale+, NXP i.MX8, or x86
- A workshop where you and your team learn how to use it
- A consulting report with recommendations on how to apply it to the needs of your product
- 12 months access to the Virtuosity OA Membership Portal https://virtuosity.dornerworks.com

Key Benefits

- Open architecture development platform for avionics software and mission critical systems
- Virtuosity OA is open source – you own the software
- Freedom to focus on your innovations

Similar Solutions Provided for

Here's How to Get Started

Order the QSP

Learn how Virtuosity OA can enhance your product

Launch your product

Start developing your project with us!

Product Development   Hardware   Software   FPGA   IoT   Security   **Virtualization**   Test Systems

Quick Start on your SoC Platform

The Quick Start Package (QSP) provides up-front hands-on support for those looking to shorten the learning curve associated with starting a project using Virtuosity OA.

You should expect that the Quick Start Package will be customized for your product and your application, so here's some more detail on what kinds of customization you can expect from DornerWorks for your SoC platform.

A Working Platform

Your Quick Start Package will establish a working demonstrable platform in your laboratory, including:

- Virtuosity OA installed on your Zynq UltraScale+, i.MX8, or x86 development board
- Partitions, health monitor, and ARINC 653 scheduler configured, allowing you to focus on your innovations
- Integration of your UoC/UoP

A Training Workshop

We won't leave you hanging with just a working platform. We'll show you how to use it, too, through a hands-on tutorial style workshop with your development team. In that workshop, you can expect to learn:

- Introduction to the FACE Technical Standard
- How to set up and configure Virtuosity OA on a development board
- How to integrate and develop application software for Virtuosity OA
- Key benefits of virtualization in general, Xen specifically, and all on the chosen platform

A Consulting Report

To best apply the Quick Start Package to your product, you will also get consulting time as part of the package, which will result in clear, written recommendations from our experts. The consulting can cover a range of topics, including:

- Advanced use cases of Virtuosity OA
- Proposed software architecture for your solution
- Safety and security certification considerations
- Improving security using driver/firewall domains
- Optimizations for your specific hardware platform

Open Source

The Quick Start Package includes access to the Virtuosity OA source code with permissive open source licensing. You own the software!

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www.Xen.world

Get started today!

Our simple 3-step plan will determine a technology development course of action that best fits your needs.

Start   **Develop**   **Deliver**