DORNERWORKS

Virtuosity™ Shared I/O Drivers

Launch Your Next Project With These Indispensable Tools

While Virtuosity™ offers the virtualization and isolation services your platform requires, you can still customize this versatile solution with add-on features like *Virtual GPIO and Ethernet drivers*.

NXP, **Xilinx**, and others endorse our software and firmware engineering team. We can help yours get to the finish line and collaborate on a cohesive solution.

Virtual Ethernet

Share your ethernet device between multiple guests.

Virtual GPIO

Consolidate multiple applications that use GPIO pins but keep them logically separate.

Software and firmware development trusted by: NXP XILINX®

Let's Talk

Together, we will determine a customized solution that fits your needs.

Buy a Quick Start Package

A Quick Start Package includes all the essentials to get your project off the ground

CONTACT US

Start your project today!

www.DornerWorks.com
sales@DornerWorks.com

Product Development | Hardware | Software | FPGA | IoT | Security | Separation Technology | Test Systems

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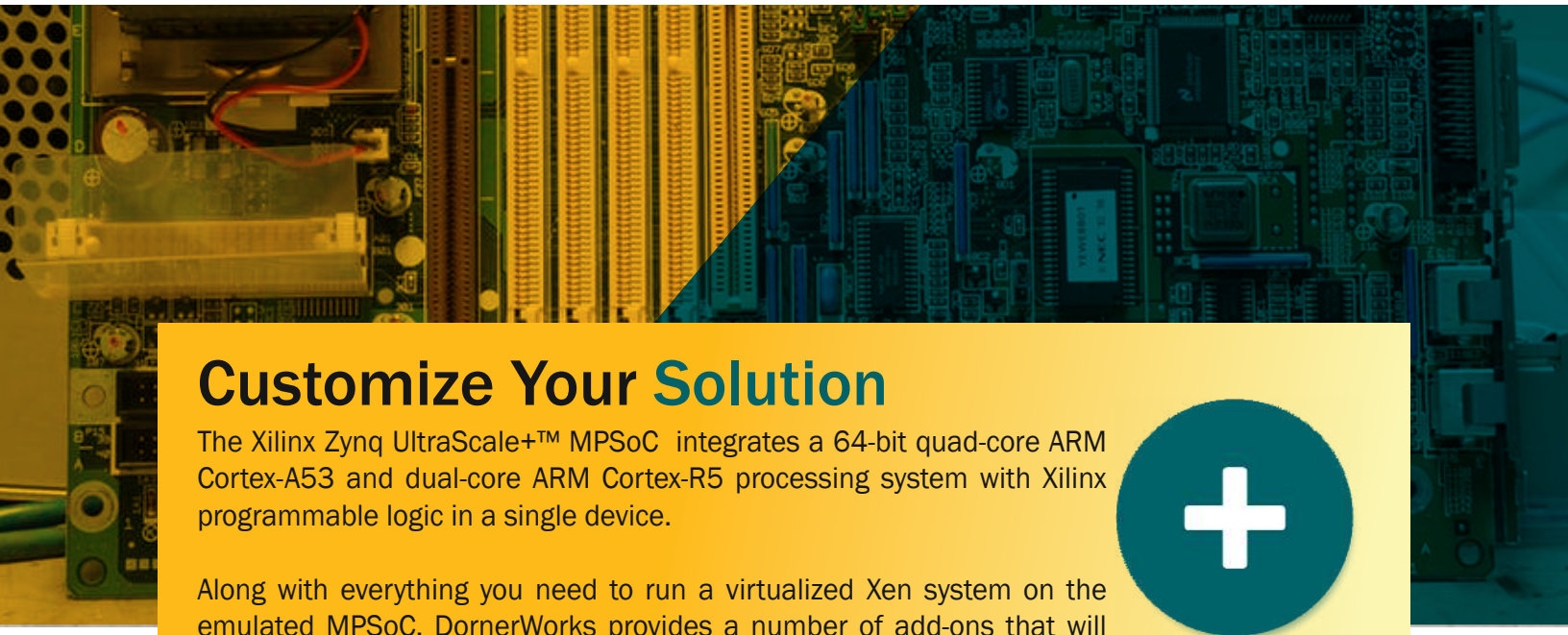


Customize Your Solution

The Xilinx Zynq UltraScale+™ MPSoC integrates a 64-bit quad-core ARM Cortex-A53 and dual-core ARM Cortex-R5 processing system with Xilinx programmable logic in a single device.

Along with everything you need to run a virtualized Xen system on the emulated MPSoC, DornerWorks provides a number of add-ons that will help you customize and enhance your next Virtuosity™-based project.

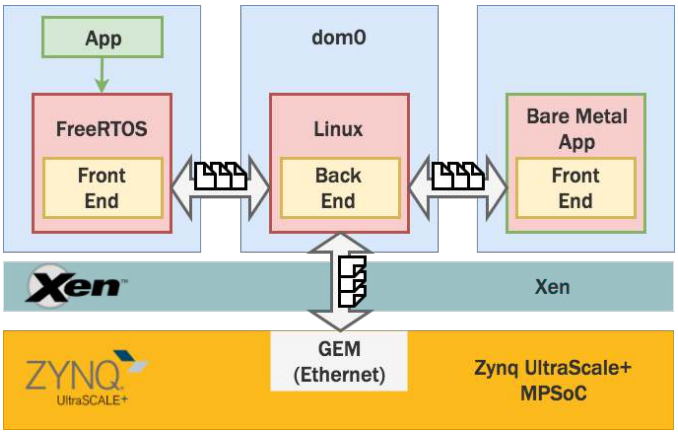
Virtual Ethernet

Not enough GEMs on your ZUS+? Don't want to use Linux for your guest?

DornerWorks' virtual Ethernet drivers let you share your Ethernet device between multiple guests.

This package includes

- Driver source code
- Step-by-step instructions detailing how to integrate the driver code with popular, non-Linux operating systems and application frameworks
- 20 hours of technical support for integration assistance



Virtual GPIO

Consolidating multiple applications that use GPIO pins but want to keep them logically separate?

DornerWorks' virtual GPIO drivers allow you to drive I/O pins from different Xen guests simultaneously. This solution also allows interrupts raised by signal changes on GPIO pins to be passed to different guests.

This package includes

- Driver source code
- Step-by-step instructions detailing how to integrate the driver code with popular, non-Linux operating systems and application frameworks
- 20 hours of technical support