

DETERMINISTIC INTERRUPT SUPPORT FOR ARINC653

By DornerWorks

Would you like determinism, without the need to disable interrupts?

Deterministic Interrupt technology developed by DornerWorks improves performance and makes development easier. It provides safety and security in one product, for *freedom and confidence* in what you do



Develop smarter, not harder

Today's aerospace and defense programs rely on highly sensitive equipment, requiring safety and security in both hardware and software.

Polling has long been favored in ARINC653 systems to handle non-determinism, but deterministic interrupt technology by DornerWorks harmonizes ARINC653 with standard computer science practices, proving that battles can be won by fighting smarter, not harder

Upgrade package includes

- Feature source code
- Configuration tool for configuring scheduler.
- Simulator for system performance prediction under various scheduler configurations
- User manual
- 20 hours of technical support for integration assistance

Intended to upgrade your Virtuosity platform

Contact DornerWorks for custom engineering services and integrate Deterministic Interrupts into your own OS

VIRTUOSITY™



Start developing
your project
with us!



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Deploy safety-critical applications without worry

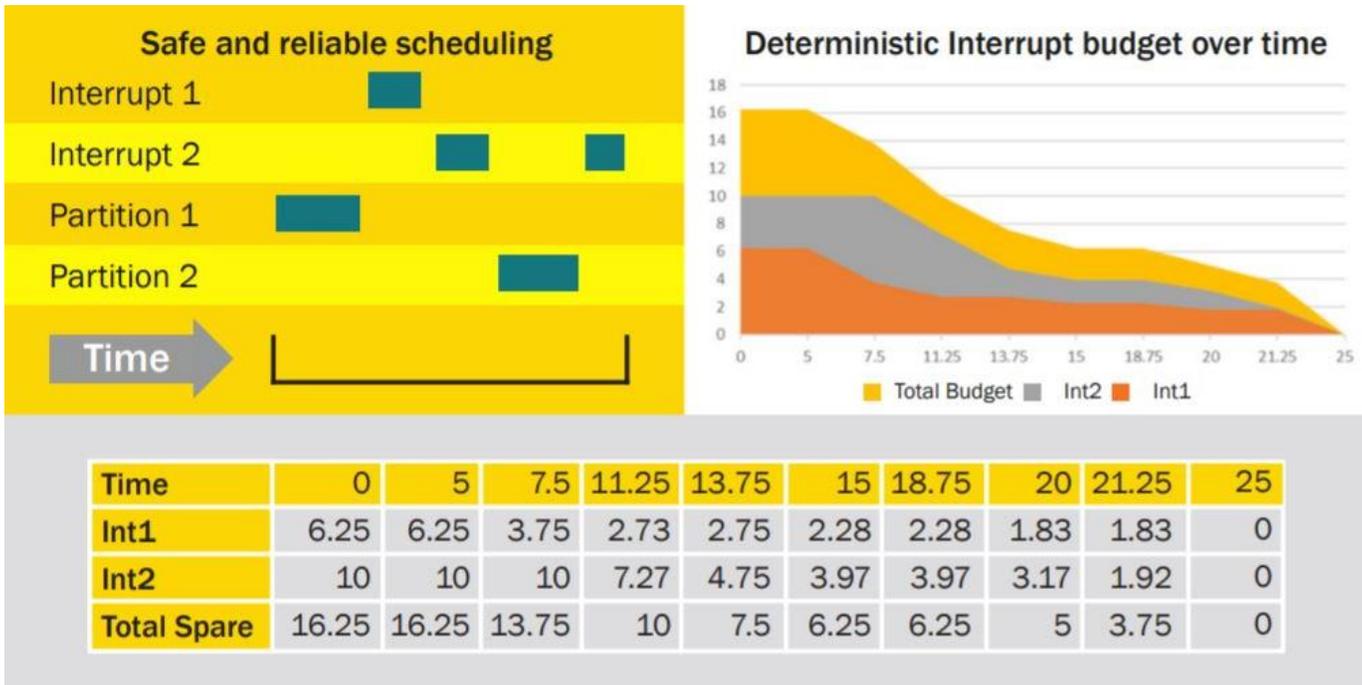
Secure your platform, optimize development

DornerWorks understands the strict requirements of aerospace and defense projects like **ARINC653**, **DO-254**, and the **FACE Technical Standard**, which is why the military and other aerospace and defense organizations contract us to develop products aligned with those regulations.

As one of just a few Premier Members of **Xilinx's Alliance Program**, we have created many FPGA and SoC designs for numerous companies, and are one of the few in the world with RFSoc experience.



You can depend on DornerWorks expertise to architect your solution, lower the risk on your project, and accelerate your time to market.



Get started today!

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

