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## SpectraWorks™ is an embedded systems, user interface (GUI and HMI) technology suite.

### About The Files in this Folder

The demonstration application contained in this folder was built using SpectraWorks™. The exact same application code has been compiled to run on both the Cyclone III development kit and under Windows. To run this application under Windows simply copy this directory onto your Windows PC and run 'PwCapabilitiesDemo.exe'. To run the demo on the Cyclone III development kit, simply insert the memory card in the card slot on the kit, power on the kit and select "Planetweb SpectraWorks Demo"

### About SpectraWorks™

SpectraWorks for the Altera Cyclone III and NIOS 2 will ensure that you get the best graphical display out of your new Cyclone III development kit. Designed to take advantage of the dynamic nature of an FPGA, SpectraWorks will scale with your needs. Delivering graphical and animation capabilities all the way from monochrome displays up through full color 32bit displays, SpectraWorks™ protects your investment by ensuring you always use the same tool chain and standard "C" APIs, providing you a clear safe path as your products evolve.

The result of over a decade of embedded systems, software design and development, SpectraWorks is a combination of two primary technologies.



**SpectraBuilder™** is a GUI design tool with one single purpose in life - to make creating a platform independent user interface as easy as possible.



**SpectraCore™** is a powerful embedded user interface engine designed from the ground up for embedded devices.

Using SpectraWorks dramatically streamlines the design and development process speeding time-to-market, and producing more flexible, reliable, strongly branded, and cost-effective applications. SpectraWorks is the perfect solution whether your team is developing a digital television, set-top device, mobile device or just about any other device which has a screen.

### 30 Day Free Trial

Want to try out SpectraWorks™ for yourself?

We will gladly give you a 30 day license to evaluate this powerful GUI solution, in addition we will provide you with all the project files and source code for this demonstration to get you started.

Email [pwsales@planetweb.com](mailto:pwsales@planetweb.com) to receive the Cyclone III Evaluation Package and 30 day Trial.

### About Planetweb®

Planetweb has over a decade of experience in embedded systems and software development. In conjunction with our top partners around the world, over 8 million units of commercial product have shipped containing Planetweb software.