

VLX Developer



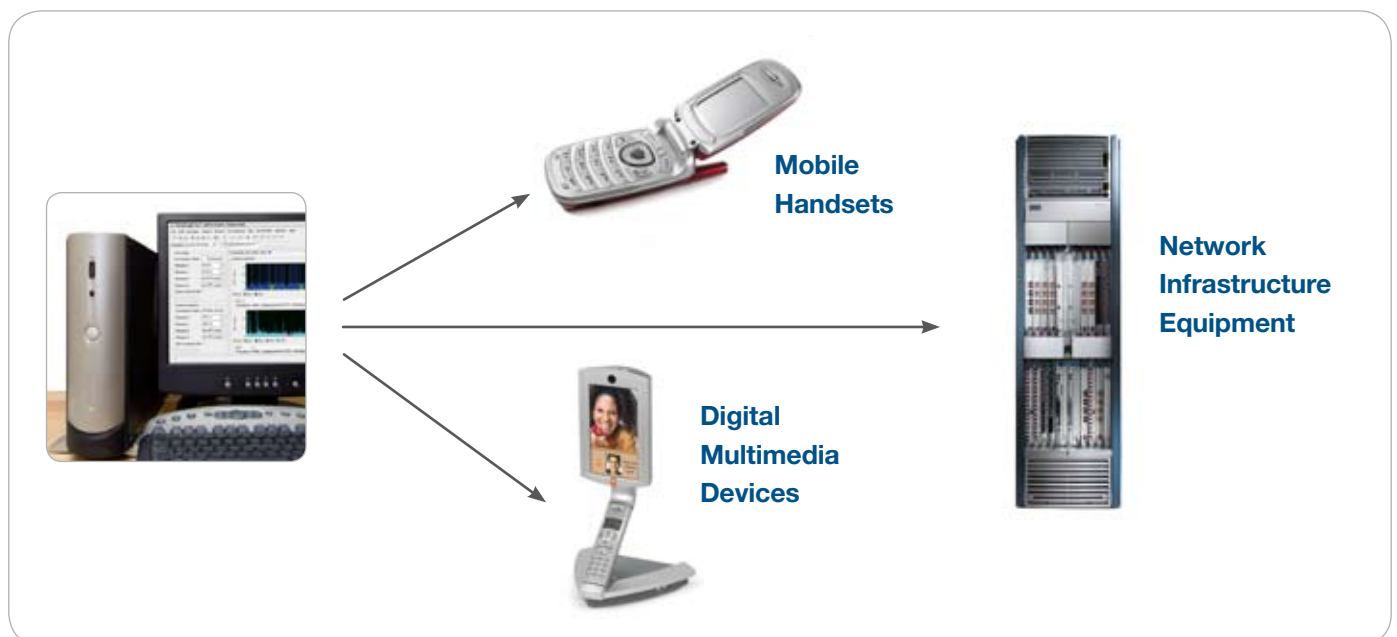
Overview

VirtualLogix's VLX Developer is an Eclipse-based graphical environment, which helps users configure, build and optimize their virtualized platforms. Virtualized platforms consolidate multiple guest operating systems and their associated application stacks onto shared hardware.

VLX Developer provides a step-by-step process of configuring and building system profiles to define key hardware and software aspects within a virtualized platform. In addition, the tool's monitoring capabilities help developers analyze and tune the allocation of hardware resources to the operating systems, resulting in an optimal system design.

The tools include pre-configured system profiles and defaults, while also enabling the developers to easily adjust and add new parameters. VLX Developer is available either as an Eclipse plug-in or a standalone Rich Client Platform (RCP) program. VLX Developer has been validated for Fedora™, Core 4 and 5, and Red Hat® Enterprise Linux® release 3. Eclipse plug-ins share a common look and feel, providing the experience of an integrated environment that enhances the productivity of the development team.

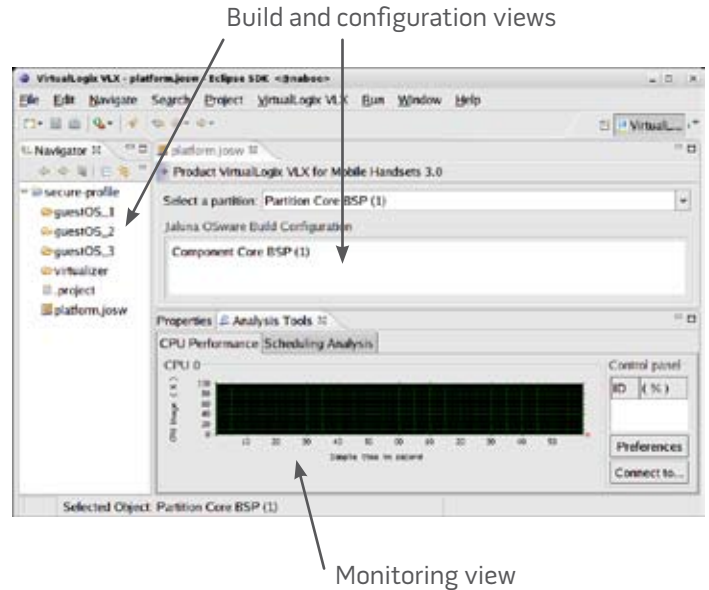
VLX Developer is a companion graphical development environment that complements the existing command line interface in VirtualLogix VLX products. The specific functions of VLX Developer vary depending on the target application using VLX for Network Infrastructure, VLX for Mobile Handsets or VLX Embedded.



Key Functions

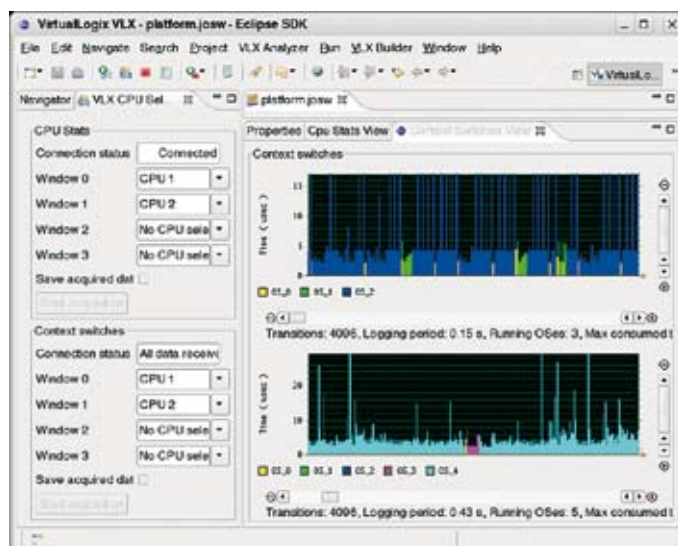
VLX Developer Platform Configuration and Build

- The configuration function allows guest operating system partitions parameters such as memory access, root file system, console output and more to be defined.
- The build function enables developers to select each component such as operating system, the virtualization engine, or root file system. Then, build each component and link them together resulting in a flashable file.
- Preconfigured system profiles are provided and the user is able to modify and add parameters using the graphical user interface (GUI).
- After the overall system has been configured, the final image generation is created from the GUI.

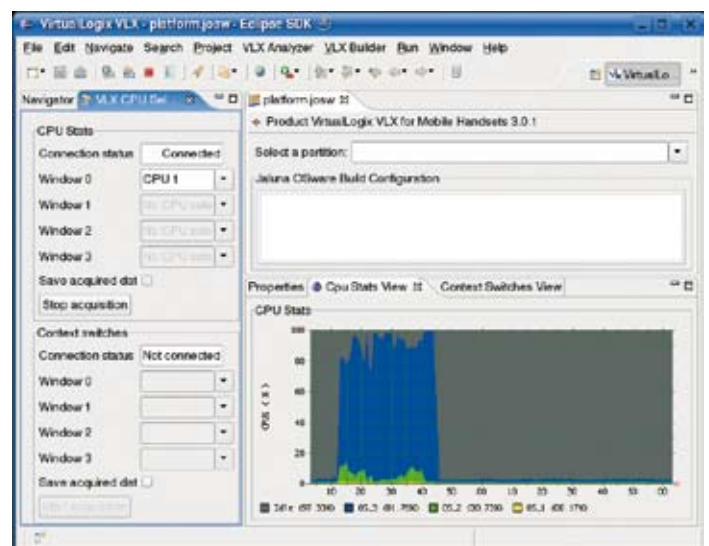


VLX Developer Platform Monitoring

- Provides graphical display of the CPU usage for each guest OS running on the platform
- Provides graphical display of the time spent for each context switches between guest OS's
- Enables users to evaluate, optimize and qualify system-level performance aspects of their virtualized platforms



Context Switching



CPU Monitoring