

## **KABIRA AUTOMATES API GENERATION NEW COMPONENTS-BUSINESS ACCELERATOR AND ADAPTER FACTORY-MAKE DEVELOPERS' JOB EASIER**

**April. 30, 2001** — Kabira Technologies Inc., whose ObjectSwitch integration server and development platform is designed to help developers create network-aware services, is scheduled to release two new software components this week. Business Accelerator and Adapter Factory will make it easier for developers to automatically generate APIs and dynamically create adapters for new applications, whenever changing business needs require it.

ObjectSwitch takes a unique approach to change management. The Business Accelerator component allows new services and business processes to be defined and modeled in the Unified Modeling Language Activity Diagram (see sidebar) and then fed into the product's Design Center, which separates the business logic from the adapter code that's generated at run time.

The Adapter Factory component automatically generates client and server adapters for the ObjectSwitch server from any application or network equipment through Component Object Model, Corba, Java, SQL, or XML interfaces. By working with interface definition languages instead of the more conventional point-to-point application adapters, all of the APIs are accessible.

Kabira's ObjectSwitch is an execution environment that's resident in memory, where it launches and monitors executable files. It therefore can respond directly to network and system events. ObjectSwitch acts as a layer of abstraction that mediates between different network environments and operating systems. The platform has been optimized to accommodate "next-generation networks," systems that represent a convergence of telecommunications, legacy, and IP networks.

TAL hf, an Icelandic wireless carrier, is using ObjectSwitch to generate applications for its cellular services, says Oskar Hauksson, director of IT. In Iceland, where Internet and wireless usage is very high--84% of the population use the Internet and 77% use wireless services-- TAL is using the ObjectSwitch software platform to develop and deploy the first prepaid global-packet radio service to its customers.

The prepaid service theoretically requires new interfaces at every level of TAL's network, from the network switching level through operational support systems, mediation and provisioning systems, and business -support systems such as mobile commerce, content, and billing. With ObjectSwitch, TAL can aggregate all levels of its network systems into one cohesive view. Automatically generated applications include everything from creation of the service to reporting systems and back-office billing.

Financial-services companies have picked up on dynamic integration servers, with E-Trade Inc. being the first to use ObjectSwitch. Adapter Factory includes an adapter to integrate digital data feeds to supply a variety of real-time, analytical, and historical data --exactly what financial-services companies and their clients need.

The automatic generation of APIs and the creation of new adapters will be a great labor saver, says Jim Sinur, a Gartner research analyst. These capabilities will give users a competitive advantage in supply chains and exchanges, where legacy-system tie-ins and divergent back -

end technologies are the norm. Sinur says they should also be useful in the dynamic creation of Web services.

