



Gen2SOA Services Program

Leverage Your Investment in CA Gen with the Flexibility of Service Oriented Architectures (SOA)

Leverage Your Investment

If you have CA's CA Gen (formerly, AllFusion Gen, Advantage Gen, COOL:Gen) in your IT shop, you probably have a significant investment in applications developed using Gen. These Gen applications usually represent a substantial inventory of core business processes and information. However, because advances in technology have surpassed Gen, your Gen portfolio may be viewed as staid and not as agile as your business users demand. Replacing these applications in their entirety with new service-enabled or browser-based systems is very expensive, risky and time-consuming. The most practical and effective option may be to leverage your investments by exposing your legacy Gen applications to new service-oriented technologies using proven tools and techniques.

Gen2SOA – Re-energize Your Applications

The *Gen2SOA* program provides multi-dimensional migration paths for moving Gen applications to be *services-enabled* using today's leading web application and service-oriented technologies, Java 2 Enterprise Edition (Java EE), and .NET. These paths cover a broad range of complexity by leveraging a variety of tools and techniques. At one end of the spectrum, you may simply want to provide a browser-based access mechanism to your monolithic "green screen" Gen application. In this case, using a screen scraping technique or CA's Web Client Enablement (WCE) capability together with our modernization capabilities may be most appropriate. At the other end of the spectrum, you may require your Gen application to provide services within a SOA. In this case, our service identification, definition, and harvesting capabilities together with the use of Gen Proxies may be the most effective solution.

The Key is Service Orientation

Java EE and .NET have established themselves as the dominant, open platforms for the deployment of distributed, service-based web applications. Java EE, in particular, has been proven to support the large-scale, mission critical applications that businesses require to

manage their operations. The Java EE platform is designed specifically to support a component services model for applications. By opening your Gen application to SOA, you're in a position to fully exploit the emerging web services market – consuming, developing and assembling large-grain business service components to deliver new business functionality faster than ever before. The key to this flexibility is the inherent power of Service Orientation and support for SOA within both Java EE and .NET platforms, both of which enjoy commitment from leading software and hardware manufacturers.

Preparing for the Future

The need for new or extended business functionality will continue to rapidly increase. Your applications must become increasingly agile to respond to these demands. The *Gen2SOA* program is designed to incrementally evolve your Gen based applications towards SOA and potentially port them to new platforms while maintaining your investment. To achieve the ultimate level of flexibility, the Gen application functionality is selectively harvested and exposed as services that can be consumed within Java, Java EE and .NET. This hybrid application approach provides the most flexibility for creating new applications by utilizing services from a variety of legacy sources. By isolating business functionality as services, upgrading or porting your application may be as simple as plugging in different versions of services that supply the same functionality and information.

Let's get started

Everware-CBDI's *Gen2SOA* program provides a proven way to extend and/or port your Gen applications to an SOA, increasing the ROI of these applications by leveraging previous investments within a new Service Oriented Architecture. We start by assessing your needs and direction and plotting a path to the future. We often perform a targeted proof-of-concept project designed to demonstrate results and smooth the road with a proven reference implementation. In every case, our goal is to maximize your current investments while preparing your applications for the future. Give us a call and see how the *Gen2SOA* program can work for you.

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