Federal Chief Information Officers Council

Executive Committee

Executive Chair
Clay Johnson

Director
Karen Evans

Vice Chair
Daniel P. Matthews

Best Practices Co-Chair
David Wennergren
Best Practices Advocate
Carlos Solaris

Federal Architecture and
Infrastructure Committee
 Co-Chairs
John Gilligan
Kim Nelson

Workforce & Human
Capital for IT
Co-Chairs
Ira Hobbs
Janet Barnes

Section 508 Liaison
Craig Luigart

Cyber Security Liaison
Vance Hitch

Homeland Security Liaison
Steve Cooper

July 12, 2004

TO: Chief Information Officers

FROM: Architecture and Infrastructure Committee (AIC)

SUBJECT: White Paper on *Service Component-Based Architectures*

The Federal CIO Council is pleased to announce publication of the Architecture and Infrastructure Committee's White Paper entitled *Service Component-Based Architectures*. The White Paper outlines the concept of service components for use in the Federal government; the levels of granularity for, and desired features of service components; and how service components are used and reused within a variety of architectural implementations. The purpose of the paper is to inform agency thinking on development and use of enterprise architecture, in a manner consistent with service component sharing and reuse, and the objectives of the Federal Enterprise Architecture.

The Council believes that the White Paper will be helpful to many audiences, including the following:

- Agency business leaders, who are responsible for fielding systems that optimize mission and business performance;
- Capital planners, who are responsible for identifying opportunities for inter- and intra-agency collaboration, and the re-use of agency assets;
- Chief architects, who are responsible for the definition and target planning of an organization's enterprise architecture; and
- System and solution architects, who are responsible for building or assembling service components that leverage existing assets and services.

We encourage you to share and discuss this paper with these audiences and to promote awareness and understanding of service components; and how they may be used to reduce agency costs and aid in the rapid development and deployment of e-Government solutions. We plan to evolve this paper as agency enterprise architectures and the FEA mature. If you have any questions or comments about the White Paper, please contact Reynolds Cahoon, Co-Chair, Components Subcommittee, Architecture and Infrastructure Committee, at (301) 837-3670 and lrcahoon@nara.gov.

Karen Evans
Director,
Federal CIO Council

Dan Matthews
Vice-Chair,
Federal CIO Council