

**Charter  
Component Subcommittee  
Architecture and Infrastructure Committee  
Federal CIO Council**

**Authority**

The Component Subcommittee is a formally chartered sub-organization of the Architecture and Infrastructure Committee of the Federal CIO Council. The Clinger-Cohen Act of 1996 authorizes the Federal CIO Council.

**Subcommittee Purpose**

The purpose of the Components Subcommittee (CS) is to foster the identification, maturation, use and reuse of Component-Based Architectures and Architectural Components in the federal government. The underlying objectives are to foster the basic principles of interoperability, reusability and portability of processes, services and infrastructure components by Federal agencies and related partners and stakeholders as they modernize their business processes through data sharing, e-government automation and improved information systems.

**Expected Outcomes**

The efforts of the CS will be directed toward achieving these outcomes:

- Identification of business processes, service components, and technologies for re-use through analysis of the FEA Service Component and Technical Reference Models.
- Reduction of IT costs for federal agencies achieved through the re-use of business processes, service components, and technologies.
- Rapid solution development through the re-use of components.
- Rapid integration of disparate business services.
- Development and implementation of e-Gov solutions based on component-based architectures.

**Deliverables**

The CS will produce the following key deliverables:

- **Component Registry** - Development of and on-going support for a Federal Government-wide Component Registry that will be made widely available.
- **Product Directory** - Development of a product directory that aligns existing, and emerging, capabilities to lines of business, functions and subfunctions.
- **Process, Service and Infrastructure Components Guide** - Development of a guide for the use and definition of process (models), service and infrastructure components and related technologies.
- **Draft Federal Data (and Information) Reference Model (DRM)** - Assistance in the development and instantiation of a Federal Data (and Information) Reference Model (DRM).
- **Common Metadata and Tools Assessment Report** - Research and development of a report on common metadata and tools to facilitate the instantiation of common technology components within agency architectures.
- **Draft Components Development/Implementation Life Cycle Guide** - Establishment of a Federal common Components Development/Implementation Life Cycle Guide that can be used as a model for the development/implementation of tiered, component-based information systems in the Federal government and targeted to support cross-agency initiatives.
- **Component Based Architecture Information Knowledgebase Repository** - Establishment of a Federal government clearinghouse for intellectual capital specific to Component Based

Architecture research and practice available from government, industry and the academic community. This effort will be coordinated with the CIO Council's Best Practices committee.

- **E-Gov Projects Solutions Support Products** - On-going analysis, evaluation, assessment and recommendations assistance and services for the Solution Architecture Working Group to facilitate its support for the implementation of Component Based architectures across the Federal government.

### **Leadership and Membership**

The leadership of the CS shall consist of two co-chairs. One co-chair will be nominated by the sub-committee membership and selected by the co-chairs of the AIC for a two-year period of service; the other shall be the manager of the FEAPMO. The co-chairs are responsible and report to the co-chairs of the AIC and are members of the AIC Executive Board. They are responsible for all business of the sub-committee under this charter and for developing submitting and administering the sub-committee budget. The co-chairs may appoint CS representatives to other appropriate organizations, groups and projects and leaders for CS internal working groups.

The CS membership consists of two categories: regular and affiliate. Regular members shall be drawn from the federal executive agencies, as well as from each independent agency. Preferably, these will be the Chief Enterprise Architect or CIO/CTO staff person with EA responsibilities. Affiliate members will be drawn from external organizations, and will include:

- Chair of the Enterprise Architecture Committee of the National Association of State and County Information Officers.
- Chairs of the technology and enterprise architecture Shared Interest Groups of the Industry Advisory Council.
- A representative of the General Accounting Office.
- Representatives of national and international Enterprise Architecture organizations.
- Representatives of bureau level agencies within Executive agencies involved in the development of technology components of enterprise architectures.
- As approved by co-chairs, representatives from not-for-profit and standards organizations with specific vested interest in and volunteered support for the sub-committee and its work.