



Criteria for Acceptance into CORE.gov

Components and services proposed for inclusion in CORE.gov are evaluated for acceptance based upon the following criteria:

- The component or service must be reusable, in that it can be incorporated (in the case of a developmental candidate, has the potential to be incorporated) into a new or existing system or capability, or by itself provide a service to a customer agency (e.g., the e-Payroll program offers a choice of three payroll services that are used directly by Federal agencies). Any licensing requirements or other restrictions must be clearly stated. For some types of components/services, an inter-agency Memorandum of Understanding may be needed.
- The component or service must have the potential of providing, through reuse, significant value for the time invested in re-using the component or service.
- The component or service must be mapped to the Federal Enterprise Architecture (FEA) Business Reference Model (BRM), Service Component Reference Model (SRM) and/or Technical Reference Model (TRM), depending upon the nature of the component or service, i.e., whether it is an online electronic business process, technical entity, etc.
- Candidate **production** components or services must have been used in a production environment and their quality described by the owning agency on the CORE.gov application form.
- Candidate components or services must have successfully completed the IT Security Certification and Accreditation (C&A) process or the status of completing the C&A process must be noted.
- The CORE.gov application form for the candidate component or service must be filled in with all required fields. The information entered must be clear, understandable, and accurate.
- The owning agency must agree to provide updates to the information about a component or service in CORE.gov within five business days of any change to the component or service.

The information requested on this form will be used to evaluate the candidate component or service against these criteria, and to assist in its re-use once posted to CORE.gov.

All fields are required unless otherwise indicated. ***Email the completed form to the CORE.gov Registrar at: Yvette.gibson@gsa.gov***

1. Component/Service Name _____
2. Date of Submission _____
3. Component/Service Version Number _____
4. Sponsoring Government Organization
(Federal government or name of state
or local government) _____
5. Department Name (Optional) _____
6. Agency Name _____
7. Sub-agency Name (Optional) _____
8. Point of Contact Name _____
9. Point of Contact Email Address _____
10. Point of Contact Phone Number _____
11. One-Sentence Summary _____

12. Brief Description of functionality provided (include potential for re-use and for
providing, through re-use, significant value for the time invested in re-using the
component or service) _____

13. Submitter Name (if different from contact) _____
14. Submitter Email Address (if applicable) _____
15. Submitter Phone Number (if applicable) _____
16. Government Project Lead (GPL) Name
(Optional) _____
17. GPL Email Address (Optional) _____

18. Keywords (for component retrieval purposes; _____
specify as many as needed to characterize _____
the component or service) _____

19. URL describing the component. (Optional) _____

20. URL to access the service/component, if available _____
(Optional)

21. Resource Type. Please select as many as apply

- Acquisition Vehicle** (An existing federal acquisition vehicle that can be reused across organizational lines to acquire a product or service)
- Best Practice** (A reusable Best Practice is a well-defined, documented method or approach that can be leveraged from one organization to another. For example: an effective systems development lifecycle process (SDLC) could be reused from one organization/agency to another.)
- Enterprise Application** (An enterprise application is typically a software application hosted on an application server which simultaneously provides services to a large number of users, via a network.)
- Information Asset** (An information source, model, schema, product, vocabulary, taxonomy, structure, etc. that can be reused across organizational lines to improve information sharing across the federal government)
 - Data Model: Graphical and/or lexical representation of data, specifying their properties, structure and inter-relationships (source: ISO 11179)
 - Data Dictionary: A data model in tabular form
 - Database Schema: A physical data model, usually expressed in SQL/DDI or equivalent
 - Data Asset: Resources that produce and/or house data. Examples include databases, websites, portals, repositories, registries, and other electronic entities (Source: DoD NetCentric data strategy)
 - Information Dissemination Product: Any book, paper, map, machine-readable material, audiovisual production, or other documentary material, regardless of physical form or characteristic, disseminated by an agency to the public. (Source: OMB Circular A-130)
 - Information Exchange Package: Descriptions of specific information exchanges between information systems and human users or other information systems
 - Data Asset Query Point: Specific endpoint (network or otherwise) providing an interface for querying a data asset
 - Controlled Vocabulary: List or system of terms and concepts that provide a standard vocabulary of words to use in searching and categorizing a particular data asset. These include taxonomies, thesauri, topic maps, ontologies, and glossaries.
 - Taxonomy: Controlled vocabulary used primarily for the creation of navigation structures for data assets.
 - Thesaurus: Controlled vocabulary containing listing of words with similar or related meanings.
 - Topic Map: Information models conforming to the ISO 13250 standard for the representation and interchange of knowledge, with an emphasis on the findability of information.
 - Ontology: A hierarchical data structure containing all the relevant entities and their relationships and rules within a given knowledge domain.

- Glossary: List of words with explanations.
- **IT Infrastructure** (IT infrastructure consists of the equipment, systems, software, and services used in common across an organization, regardless of mission/program/project. IT Infrastructure also serves as the foundation upon which mission/program/project-specific systems and capabilities are built. Approaches to provisioning of IT infrastructure vary across organizations, but commonly include capabilities such as Domain Name Server (DNS), Wide Area Network (WAN), and employee locator systems.)
- **Service** (Discrete unit of functionality that can be requested (provided a set of preconditions is met), performs one or more operations (typically applying business rules and accessing a database), and returns a set of results to the requester. Completion of a service always leaves business and data integrity intact)
 - IT Program Management (reusable program management service)
 - IT Workforce Management (reusable staff service)
 - Procurement (reusable procurement service)
 - Other
- **Service-Oriented Architecture (SOA)**
 - 1) Architecture that describes an entity (e.g., application or enterprise) as a set of interdependent services. SOA provides for reuse of existing services and the rapid deployment of new business capabilities based on existing assets.
 - 2) Representation of a system where the functionality is provided as a set of services called by other parts of the system
 - 3) Policies, practices and frameworks that enable application functionality to be provided and requested as sets of services published at a granularity relevant to the service Requestor, which are abstracted away from the implementation using a single, standards based form of interface
- **Stand-alone Application** (Single-user software applications which run on the user's own local computer; each instance of the application serves only one user at a time.)
- **Security/Privacy** (reusable security/privacy asset that is compliant with NIST or other relevant standards and guidance)
- **Technical Entity** (Reusable code, algorithm, XSL stylesheet, etc.)
- **Other** _____

22. Use Cases. - A use case is a technique for capturing the potential requirements of a new system or software change. Each use case provides one or more scenarios that convey how the system should interact with the end user or another system to achieve a specific business goal. Please briefly describe or provide a URL to current and planned use cases for the component. Describe discrete input and output of the component (if applicable/available).

23. Life cycle phase

- Concept Definition
- Requirements Definition
- Design
- Development
- Prototype Testing
- Limited Production
- Acceptance Testing
- Deployment (Operational)
- Other _____
- For all except 'Deployment' phase: What is the scheduled deployment date for the production (operational) version of the component?

24. Technical/business requirements for re-use of the component/service, e.g., intended for use in a .Net or J2EE environment, and/or standards used for interface, data, etc.

25. OMB policies, if any, for use of the component or service. I.e., is its use mandatory and/or must alternatives have a business justification? If none, please indicate as "None."

26. Quality indicators. Please characterize how the quality of this component or service has been verified, e.g., successful production for 1 year, successfully completed IV&V, managed at CMM Level (1-5), etc. This field is optional for components under development.

27. Interagency conditions for component/service use, e.g., MOA needed, licenses needed, etc.. If none, please indicate as “None.”

28. Investment Costs. Please describe the investment costs to date (Optional)

29. Has the resource successfully completed an IT security Certification and Accreditation (C&A)?

Yes _____ No _____ Not Required _____

30. Please map your resource (as appropriate) to the Business Reference Model, Service Component Reference Model, and Technical Reference Model of the Federal Enterprise Architecture. For more information about the FEA Reference Models, visit <http://www.egov.gov> (external link).

31. Do you agree to provide updates to CORE.gov information about this component or service within five business days of the change to the component or service (Yes response required for acceptance into CORE.gov)

Yes _____ No _____