

COMMON SERVICES ARCHITECTURE (CSA)

Today's technology marketplace is rapidly moving towards service oriented architecture (SOA). SunGard is on the cutting edge of this trend with its SOA solution, Common Services Architecture (CSA). CSA has changed the way SunGard develops applications. CSA breaks down SunGard applications into common service components that can be reused across multiple applications, and those components are then placed within a common architecture for easy integration. SunGard's Common Services Architecture is a collaborative development process and technology framework that provides the foundation for a successful IT community to help solve business problems by contributing the right content in the right context.

BENEFITS

SunGard has used CSA to optimize its own internal structure, and we have seen the direct return on our investment. Now that we have mastered CSA at home, SunGard Consulting Services wants to deliver the best practices learned from CSA to our customers.

We help customers establish a collaborative infrastructure and organization. One of the key differentiators of our CSA model is that we employ an effective governance structure to encourage contributions from developers dispersed across many independent software development teams. Additionally, we provide real technical accelerators to help customers quickly establish a service oriented architecture. We can then help determine which service components should be chosen and how they will work together.

CSA allows SunGard products to be configured and integrated in a way that is designed to fit a company's unique business needs. To help our customers achieve the full potential of CSA, SunGard Consulting Services supplies the following resources:

- ▶ **Proven Collaborative Processes**
Methodology and management discipline to achieve a federated development model and provide the governance and control to ensure that projects are aligned with business objectives

- ▶ **CSA Accelerators**

Infrastructure and reference architecture used by SunGard to facilitate collaboration, reuse, and contributions from the experts within your technology organization

- ▶ **Proven Industry Experience**

Specialists that can identify the key differentiators for our customers across industries

- ▶ **SOA Experts**

Technologists that utilize the components of CSA to build an ideal technology solution

- ▶ **Technology Planning Expertise**

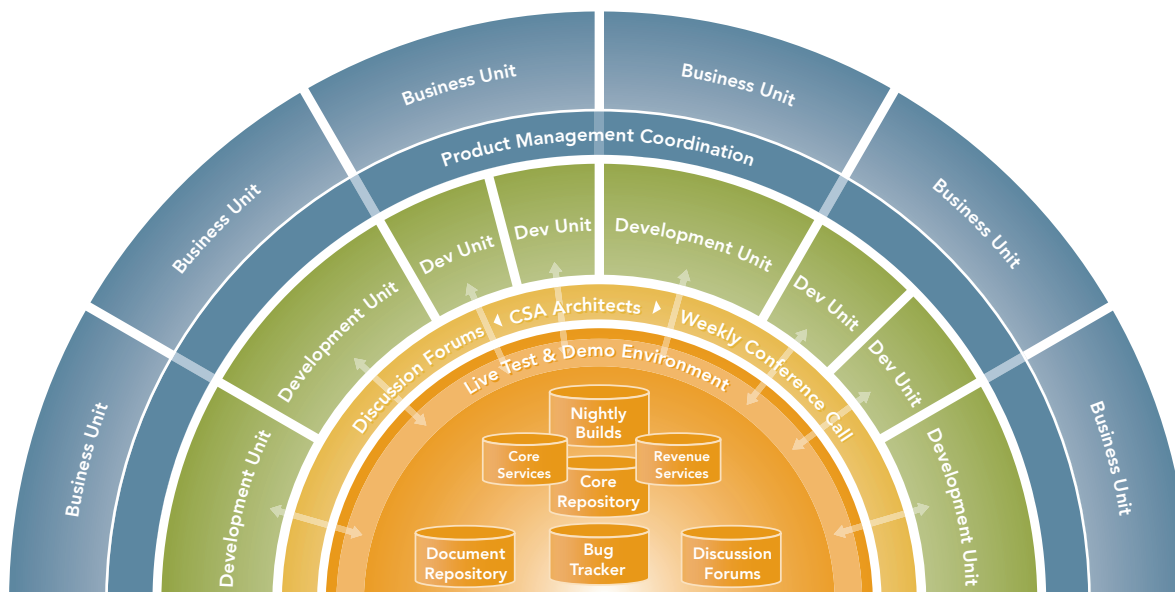
Technologists that guide customers through an aging platform with limited business flexibility or independently developed software that needs a common way to communicate with other programs

- ▶ **Systems Development Expertise**

Technologists that lead our customers through the entire development lifecycle to achieve a business solution

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CSA FRAMEWORK



CSA AS AN ORGANIZATIONAL MODEL

SunGard Consulting Services assists customers in establishing a federated development model and leveraging talent across many independent development units. We implement a shared infrastructure that provides a reference architecture, governance model, and an enterprise product registry. In addition, we help execute workgroup processes, adoption models, measurements, and incentives that transform a company’s IT organization.

CSA AS AN INFRASTRUCTURE

Patterned after the Open Source community, the CSA development methodology is structured to foster collaboration in an ever-changing business climate and provide the infrastructure to centralize the IT development community. This infrastructure is a valuable asset for an organization because it can do the following:

- ▶ Offer guidance and education
- ▶ Manage common code base and configurations
- ▶ Provide support services
- ▶ Facilitate communication and collaboration
- ▶ Administer automated builds, tests, and deployments

About SunGard Consulting Services

SunGard Consulting Services’ deep understanding of business processes in financial services and energy, together with our expertise in information technology and knowledge of SunGard products, helps us mitigate project risk and provide a single point of accountability for SunGard projects that differentiates us from other consulting organizations.

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