

CSC

ADVANCED APPLICATION ARCHITECTURE

AT A GLANCE

Support Key Principles of Data, Decision Logic and Delivery Channel Independence

Protect and Enhance Your Technology Investment

Increase Business and IT Agility

Leverage Common Information and Configurations across Applications

Support Integration of External Systems and Devices

Industry Perspectives

Processing requirements are growing more complex. Financial service delivery channels are broadening and deepening. Today, financial services companies must use technology strategically throughout the organization to maximize operational efficiency and improve performance. Strategic partnerships are turning information technology (IT) into a competitive advantage. In the current IT landscape, reusability of existing investments is critical, and technology has to deliver practical benefits.

How can you ensure that today's IT investment will grow with your business? Your technological solution must support applications that improve performance, increase productivity, add flexibility and control costs. Your architecture must accommodate an increasingly dynamic environment.

CSC's Advanced Application Architecture can help answer the many challenges facing financial institutions today. Shared by all Hogan® Systems core banking applications, the Advanced Application Architecture provides a unique infrastructure as well as a method of design and construction.

Advanced Application Architecture Overview

Since its inception, CSC's Hogan software suite has maintained a common architecture that supports all of its applications. As a result CSC's core banking software helps:

- Drive productivity
- Exploit new technologies
- Relate accounts from multiple applications.

By integrating CSC applications within a common architecture, CSC's software can share data, functions, processes, tools, and look and feel across CSC's entire product portfolio. The sharing of these capabilities avoids replication of data and processing, allows for cross training of a reduced support staff and ensures data integrity across the CSC applications. CSC's integrated architecture improves productivity throughout your operations. Benefits include:

- Common information
- Programming productivity
- User productivity
- Back-office productivity.



The key components of CSC's banking application architecture are:

- Hogan Umbrella® System (UMB) facilitates integration and sharing of data, programs, techniques and procedures across the financial processes performed by the Hogan System.
- Platform Automation Support System (PAS) enables the integration of platform and host applications by linking other software to all applications in the Hogan System.
- Online Delivery System (ODS) is an online transaction processing system that supports multiple types of input devices for performing monetary transactions on accounts managed by Hogan applications.
- Hogan Systems Integrator integrates Hogan applications to new front-office and middle-office technologies to allow Hogan system users to fully integrate their back-end and front-end systems, regardless of the delivery channel.
- Hogan Systems Navigator is a desktop application that supports major productivity gains by providing access to multi-region Hogan Systems specification information through browser functions such as search engine, selection lists and links to related components.

Collectively Achieve Application Independence and Intercommunication

The Advanced Application Architecture enables Hogan Systems applications to communicate and seamlessly integrate with the CSC e5SM Service Oriented Architecture. CSC e5 is founded on principles of data, decision logic and delivery channel independence. A layered approach of separating data access from decision logic and delivery channel components ensures flexibility, longevity and reusability. At the same time, common information is shared across applications to increase efficiency and productivity. Processes and communication are linked and controlled using common programs, techniques and procedures.

Market Leadership

CSC is a global market leader in core application technology for financial institutions. The Hogan Systems' Advanced Application Architecture offers the performance, stability and scalability to serve financial institutions of virtually any size, anywhere in the world.

For more information about CSC's Advanced Application Architecture, call 800.345.7672 (+1.469.499.9981 if not in the U.S.) or e-mail to inforequests@csc.com.

About CSC

CSC, one of the world's leading consulting and IT services firms, helps clients in industry and government achieve strategic and operational results through the use of technology. The company's success is based on its culture of working collaboratively with clients to develop innovative technology strategies and solutions that address specific business challenges.

Having guided clients through every major wave of change in information technology since 1959, CSC combines the newest technologies with its capabilities in consulting, systems design and integration, IT and business process outsourcing, applications software, and Web and application hosting to meet the individual needs of global corporations and organizations.

About CSC in Financial Services

CSC distinguishes itself through its time-tested ability to plan, build and operate highly reliable, efficient and secure business and IT solutions for leading financial services firms around the world. To complement its capabilities in consulting, systems integration and outsourcing, CSC brings financial services industry knowledge and experience, a comprehensive portfolio of financial services application software and an extensive network of industry and technology partners. More than 10,000 CSC employees are dedicated to serving financial services clients, including more than 1,200 major banks, insurers and investment management and securities firms.

