

Sun™ and Infosys Delivering transformational universal banking solutions

Highlights

- Transform business functions with agile next generation technologies from Sun™ and Infosys
- Select from different Finacle modules for a wide range of universal banking applications
- Support global business with multiple currency, multilingual modules offering 24x7 availability to a variety of delivery channels
- Speed transaction processing and turnaround time with powerful straight through processing (STP) infrastructure
- View all customer transactions and relationship information in a unified view that facilitates customer service and additional selling efforts
- Leverage an open, service-oriented architecture to integrate existing IT resources and legacy applications for greater return on investment
- Utilize Sun platforms for unprecedented speed, resilience, security and flexibility



Today's business climate forces financial institutions to respond to changing market conditions quickly. To compete successfully, banks must contain costs while bringing innovative products to market rapidly. Many banking functions run on legacy systems, posing challenges such as stovepiped information, high overhead, and inefficient processes. Launching new products requires flexible systems that can easily adapt and scale. Sun™ and Infosys Technologies offer Finacle, a universal banking solution running on Sun platforms, to provide the agility and horsepower that organizations need to get ahead and stay ahead.

The challenge of legacy systems

As global markets open up and competition increases, today's banks must be able to bring new products to market quickly in order to remain competitive. Doing so requires modifying existing systems or being able to integrate new ones. Older legacy applications are not easily modified to introduce sophisticated new product offerings, presenting an obstacle to innovation. This lack of flexibility limits enhanced features and functionality for products, reduces the possibility of custom options, or even eliminates the ability to offer new products altogether.

In addition, existing tools are not flexible enough to handle different operations within one application or system. Consequently, banks typically run many core banking functions on multiple legacy systems. The result is silos of information that cannot be mined, shared with other parts of the organization, or integrated with newer IT systems. Finally, the cost of maintaining legacy systems can be prohibitive. Service contracts on older equipment can be far more expensive than for new systems. Maintaining the different systems, platforms, and applications is inefficient, and may require hiring multiple administrators with different skill sets, increasing costs.

The need for agility

Other factors also contribute to the need for banking systems that can scale and adapt swiftly to changing conditions. Increased regulatory oversight dictates that banks implement compliant systems and processes. Emerging economies are growing at rates that outpace traditional markets and present new opportunities. Increasingly diverse, lucrative markets are opening up as minorities grow, populations become increasingly mobile, and affluence increases. Technology is becoming ubiquitous, offering additional methods for acquiring and interacting with customers. In order to meet rapidly changing business demands, banks need enterprise-wide banking tools that can eliminate obstacles, meet the challenge of new markets, and ultimately lead to a healthy competitive position.

The Infosys Finacle solution

Finacle, a universal banking solution from Infosys Technologies, empowers banks to transform business functions by leveraging agile next generation technologies. A modular solution, Finacle addresses the core banking, treasury, wealth management, consumer and corporate e-banking, mobile banking, and Web-based cash management requirements of retail, corporate, private, community, and universal banks worldwide.

Innovative Finacle features

The Finacle solution combines a wide breadth of offerings with deep functionality for fully integrated, Web-enabled, multilingual finance modules that support multiple currencies. Designed for high availability, the solution provides customers with account information 24x7 through a variety of delivery channels. Finacle's internal workflow automates processes and streamlines efficiencies, helping to reduce overhead and costs. The use of powerful straight through processing (STP) infrastructure helps to reduce turnaround time for transactions. All customer transactions are visible in a unified customer-centric view, enabling organizations to map and segment the relationships between customers and products in order to better cross-sell other solutions and services.

Build on an open, service-oriented architecture

Based on industry standards, the Finacle and Sun solution utilizes an open, service-oriented architecture (SOA). Doing so makes it possible to integrate IT resources and incorporate data silos and previously incompatible legacy applications for exceptional flexibility and high return on investment (ROI).

Among the first core banking solutions to announce support for Web services and utilize the Simple Object Access Protocol (SOAP) and Web Services Definition Language (WSDL) protocols, Infosys Finacle provides business functionality through the Finacle Integrated Multi-Channel Framework. The framework enables banks to offer products and services through multiple channels such as branches, wireline telephone, ATMs, Internet, and mobile devices, and integrates applications and delivery channels while providing Web services in real time. Incorporating a tiered architecture, the Finacle solution is comprised of Web, application, and database tiers.

With Web-based thin clients utilizing a graphical user interface, the solution eliminates the administrative headache of distributing and updating client software and supporting client infrastructure. The clients can integrate Finacle with other applications such as chat, email, and instant messaging.

Finacle solution components

Based on years of experience with global banks, Finacle modules provide powerful, flexible, and scalable key banking functions.

Core banking

The core banking module provides front and back office functionality. With a wide range of parameters and an Xtensibility toolkit, the software can be customized for unparalleled flexibility. Features such as built-in STP-enabled workflow, 24x7 availability, and a CoBIT compliant security framework help deliver business agility, minimize risk, and lower TCO.

Customer Relationship Management

Banks can leverage Finacle customer relationship management (CRM) functionality for competitive differentiation. With ready to deploy CRM features, the module provides a 360 degree view of customer relationships, pre-configured templates and reports, flexible service level definitions, a workflow engine, sales force automation with origination capability, and complete support for call center agents.

Consumer e-banking

Finacle consumer e-banking offers retail banks a powerful Internet and mobile solution. Bank customers can benefit from an enriched customer experience while banks gain a single unified view of the customer relationship.

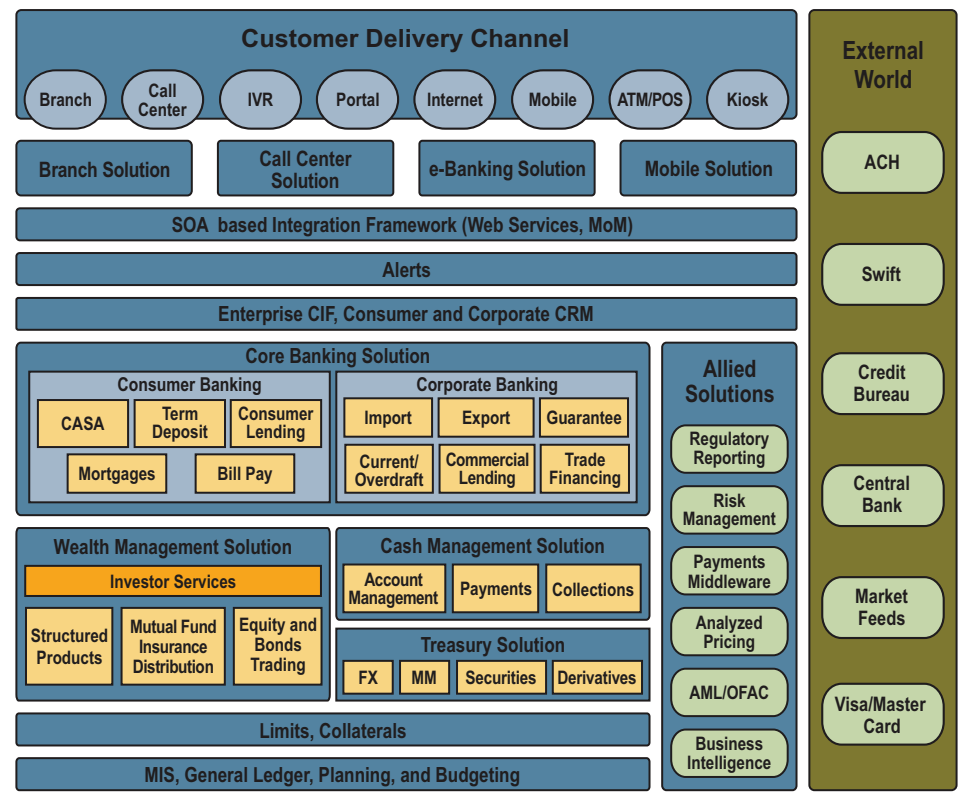


Figure 1. Infosys Finacle components.

With complete support for asset, liability, and wealth management products, the module also offers portfolio reporting. Unique and integrated shopping mall functionality is included with features for bill presentment and payment. The software also contains personalization and content management features for an enhanced user experience.

Corporate e-banking

The corporate e-banking software provides corporations and small businesses with a unified view of banking relationships across asset and liability products, limits, trade finance, and cash management. Like the consumer e-banking module, transfers, local payments and international remittances are supported, and electronic invoice presentment and payment features are included.

Web-based cash management

The Finacle solution enables banks to offer comprehensive cash management services to businesses ranging from small enterprises to large corporations. Providing anytime, anywhere access to real-time consolidated information, the Web-based cash management module controls cash positions and electronically sends and receives funds in a secure manner within and across borders.

Treasury

Finacle’s treasury module contains front, middle, and back office solutions to enable seamless transaction flow in the bank. With support for foreign exchange, money markets, and securities, the software utilizes straight-through processing from pricing and pre-deal analysis to confirmations, settlements, and accounting.

Wealth management

The Finacle wealth management module supports private banking with customer risk profiling, financial planning, and investment planning.

Offering end-to-end processing of various investment products from diverse asset classes, the Web-enabled wealth management software is capable of handling structured deposits, structured notes, equities, bonds, mutual funds, and insurance.

The Finacle competitive edge

Banks utilizing Finacle software can leverage several features to differentiate services to customers. Finacle alerts offer customized, multichannel instant messaging, enabling banks to proactively and securely provide clients with critical, timely information through email, SMS, voice, and fax. Finacle mobile solutions make it possible for banks to offer next generation mobile solutions to clients. As a result, customers can monitor financial information constantly as well as conduct key financial transactions via mobile devices.

Speed new products to market

The architecture and flexible functionality of the Finacle solution help banks bring products and services to market quickly. With close to 20,000 built-in parameters, Finacle business users can rapidly define new products and services.

The Xtensibility Tool Kit adds to the flexibility of the Finacle software, facilitating rapid rollout of non-templated new products and services. By implementing application extensions, the Finacle software eliminates vendor dependency. Finacle also offers a built-in process engine, Process Execution and Simulation (PEAS), that makes it possible for banks to define and optimize processes across various front and back office processes. Additional features include scripting, localization and customization components, a customizable interface, reporting, and a process workflow tool.

High speed, scalable solutions based on Sun SPARC® platforms

The flexible Sun platform offers systems with with unprecedented speed, resilience, security, and flexibility, providing the ideal infrastructure for the innovative Finacle software. The Finacle solution takes advantage of scalable Sun server platforms based on UltraSPARC® processors. Ranging from entry-level blades and rackmount systems to high-performance, enterprise-class servers, these Sun systems can dramatically increase throughput and reduce energy consumption.

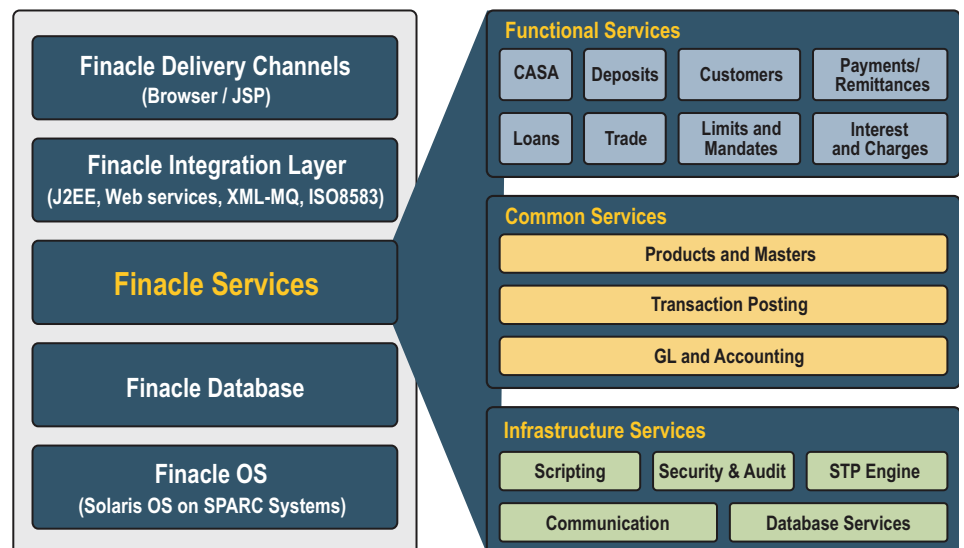


Figure 2. The Finacle multi-tiered architecture.

The resulting solution yields greater efficiency and performance while improving scalability and reliability. With exceptional speed and scalability in handling enormous volumes of transactions, the Finacle and Sun solution accommodates large numbers of concurrent users and currently runs at numerous bank branches for some of the largest banks in India. Together, the joint solution enables banks to carry out over 10 million transactions per day, support over 25,000 users, and more than 2,500 bank branches.

The Solaris™ 10 Operating System provides compelling advantages

The Solaris™ 10 Operating System (OS) is the most advanced operating system ever built, with innovative features and enhancements in the areas of performance, security, networking, application development, and more. With a \$500 million R&D investment in the Solaris 10 OS, Sun offers proven performance advances, setting over 125 world record benchmarks to date. Running the Infosys Finacle software on Sun servers leverages the speed of Sun hardware and the Solaris 10 OS for powerful, fast, and comprehensive banking solutions. The enhanced security features built into the Solaris 10 OS help firms comply with regulatory requirements from bank auditors, as well as assure regulators of the safety and security of systems and information they contain. The Solaris 10 OS includes military grade security where needed. Other enhancements address system integrity, access controls, network security, and more. These features enable the creation of premier security-enabled banking solutions.

Because all Sun servers run the powerful Solaris OS, organizations can start applications on a small system and move to a larger server with ease. Banks can utilize systems to fit virtually every sizing requirement, making it possible to start with a proof of concept and scale the solution as business grows.

About Sun and Infosys Technologies

With over 75,000 employees worldwide, Infosys Technologies provides consulting and IT services globally to clients looking to achieve business transformation. Infosys Technologies offers end-to-end business solutions that leverage technology for a dynamic environment where business and technology strategies converge. With over two decades of technology experience, Sun provides the financial services industry with flexible, scalable, innovative, and cost-effective solution infrastructures.

Learn More

To learn more about the Sun and Infosys solution, visit sun.com, infosys.com/finacle/solutions.asp, or contact your Sun representative.

Incorporating the latest technologies, next generation processors, and improved reliability, manageability, and serviceability, Sun solutions facilitate the adoption of leading edge, high-bandwidth infrastructures, service-oriented architectures, and services. Together, Sun and Infosys Technologies help the banking industry to increase business agility, reduce costs, shorten time to market for new offerings, accelerate delivery of services, and increase return on investment.



Figure 3. Sun's SPARC processor-based server line.



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