

TECHNOLOGY

iMAL Islamic Banking & Investment System has been designed using modern multi-tier Java-based SOA (Service Oriented Architecture) compliant principles. It is 100% thin-client based, with an advanced Web User Portal Interface.

Key Features:

- Platform independent
- N-tier architecture
- Light weight
- Highly customizable
- Intuitive look & feel
- Open and based on industry standards (JEE, Java, Spring, REST/SOAP Web services)
- Centralized deployment process.

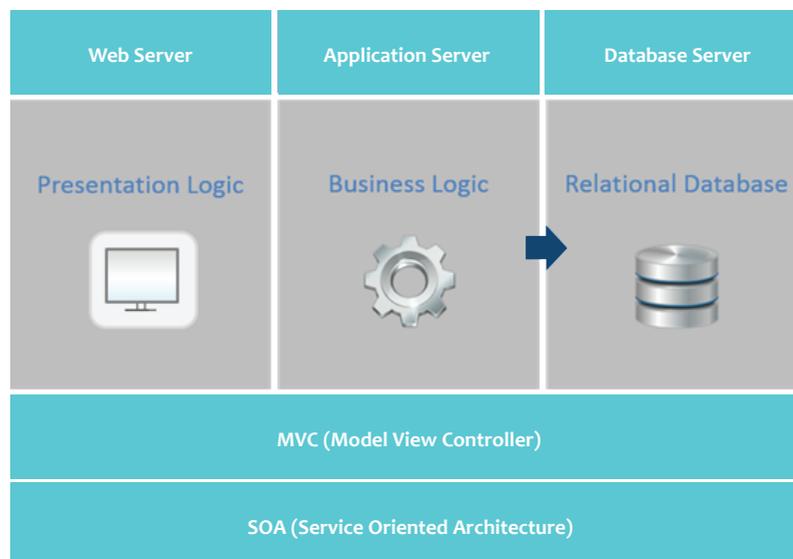
iMAL Presentation, Business Logic, and Data Access layers are logically and physically separated and installable on any major Web application server. These layers are SOA based and Java compliant. **iMAL** SOA technology allows the system readily to inter-operate with existing software and external networks.

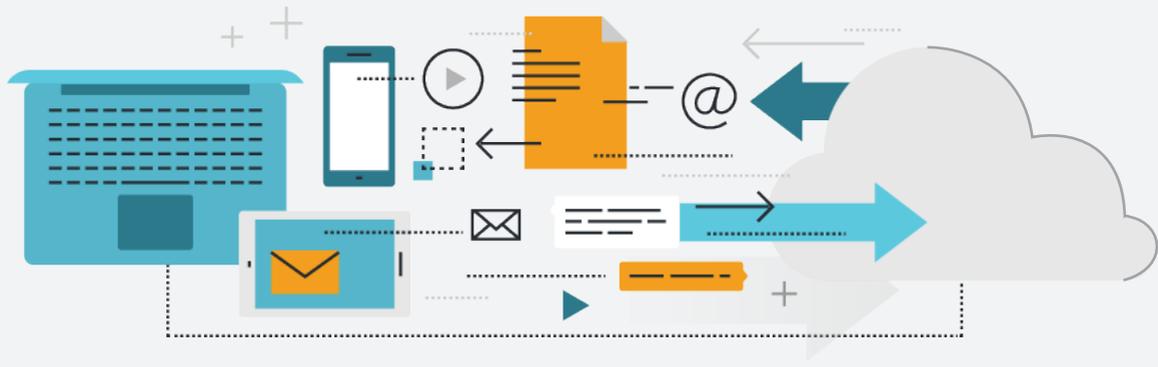
iMAL can be run on any JEE application/Web server, such as IBM WebSphere, Oracle WebLogic, RedHad EAP/JBOSS, Apache Tomcat, with presentation based on the MVC (Model-View-Controller) design pattern. For high availability, scalability and reliability, a clustered environment is supported by **iMAL** with various deployment plans.

There is a single common user interface, allowing users to move seamlessly between all functional areas, with no requirement to sign in and out of application silos, as happens with some legacy systems.

iMAL Business Logic layer also operates in the above architecture. Unlike many other products, processing rules are not included in the database as stored procedures. This allows **iMAL** the flexibility to move easily between different infrastructure platforms (System i, AIX, Linux, etc.) and database technologies.

All **iMAL** data is stored in a single relational database management system. The database layer can run on Sybase and Oracle DB (with Oracle RAC for high availability and scalability). Also **iMAL** has Microsoft BI module that runs on MS SQL.





iMAL Supported Platforms

iMAL Islamic Banking & Investment System can be installed and operated on all major platforms, operating systems, DBMS and Application Servers. It is certified on system software that runs on HP-UX, IBM AIX, Linux, Microsoft Windows, and Oracle Solaris.

Client	Application/Business Server	Database Server
MS Internet Explorer, Mozilla Firefox, Google Chrome	IBM WebSphere, Oracle WebLogic, Red Hat JBoss, Apache Tomcat	SAP Sybase ASE, Oracle
Windows, Linux, Mac OS, Android, iOS, Windows Phone (Mobile Banking)	AIX, HP-UX, Solaris, Linux, Windows	AIX, HP-UX, Solaris, Linux, Windows

Cloud Delivery Model

Path Solutions' Islamic banking system is cloud-ready allowing our clients to make full use of all the benefits of the cloud technology. Cloud deployment gives our clients an ultra-fast deployment time while keeping operating costs very minimized and relative to only what is actually utilized or needed. Scaling up the infrastructure, with the business growing, is an additional benefit while considerably reducing the total cost of ownership. The system can be deployed on public or private clouds.

Moving away all the burden of provisioning, maintaining and securing the infrastructure, makes the cloud deployment the ideal choice for Islamic financial institutions and more specifically Islamic microfinance companies, allowing them to remain customer and market-focused without the need for significant IT personnel and expensive infrastructure.

