

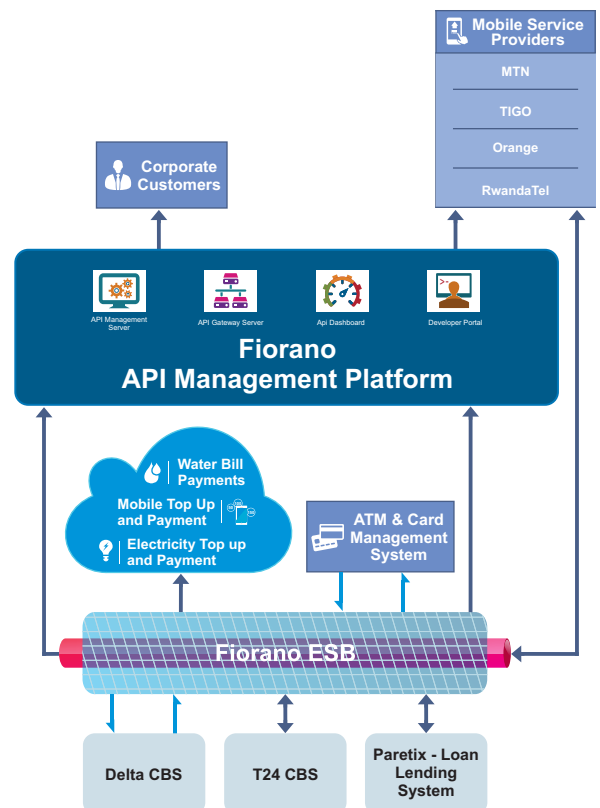
## Bank of Kigali, Rwanda

### Fiorano Drives Digital Transformation at Bank of Kigali, Rwanda’s largest Bank

*The Bank is one of Rwanda’s largest commercial banks licensed by the National Bank of Rwanda, the country’s banking regulator. It was founded in 1966 and has over 258,000 retail customers and 26,000 corporate clients.*

Bank of Kigali wanted to move away from traditional point-to-point integration system with a focus on building service oriented architecture using ESB. It had the core banking requirements like integrating its multiple Core Banking Systems; Delta and T24 with ATM, Card Management Systems. It also wanted to facilitate and standardize digital payment options like mobile, water and utility payments. Fiorano made this possible by allowing a common payment gateway creation on its platform so that all these channels can consume bank’s services. For any additional service creation, new channels could be on-boarded through Fiorano’s drag and drop configuration feature.

The bank provides all mobile operators an API to offer small loans to customers. The bank’s Paretix lending system is service-enabled with ESB, while Fiorano API Management is used to expose these services, which include account creation and loan lending requests, to end-users. This means mobile service providers are now able to log-in to the API Management development portal for self-registration and to locate service security keys as required.





Fiorano's API gateways have allowed the bank to automate several services, thereby enhancing the customer banking experience by facilitating uninterrupted and secure access to account information, money transfers and other

services.

For the corporate customers, Fiorano enabled banks to automate services while saving their valuable time and efforts. Fiorano exposed bank's APIs for the corporate customers for carrying out banking operations like getting account information, money transfer etc.

### Solution Highlights

- APIs are exposed to the mobile service providers for loan lending, savings, deposit, withdrawal (between mobile customers and Banks)
- Fiorano's API management layer provides additional layer of security. Deployed APIs have been secured using WS-Security standards for webservice-based APIs and HTTP-based authentication for REST based APIs
- Developer portal of Fiorano API management platform helped mobile service providers to self-register and test the API. It also provides support for viewing API documentation related to various public and protected APIs.

- Additionally, deployed APIs can be monitored for performance throughput, errors and overloads. Alerts can be configured for these conditions
- Exposure of APIs to the corporate customers to monitor the account movement

### Fiorano API Management

The Fiorano platform serves as an API Gateway between applications and services providing a linearly scalable, agent-based API gateway. Fiorano API Management offers a range of capabilities, including protocol transformation, standard-based access management, version management, API rate limiting, analytics and mobile backend-as-a-service (MBaaS). Backend and third-party web services can be transformed into easily consumable APIs, governed by self-service policies.

### Fiorano ESB®

A JMS messaging-based ESB that mediates and manages interactions between heterogeneous services across the extended enterprise. Fiorano's distributed, peer-to-peer agent-based architecture abstracts the complexity of developing and deploying services to unlock value in a customer's enterprise architecture framework. Fiorano ESB serves as the core backplane technology for the Fiorano SOA platform. The Fiorano platform allows developers to create web service and REST APIs and orchestrating event processes using a visual drag-drop configure approach.

## ABOUT FIORANO SOFTWARE

Founded in 1995, Silicon Valley based Fiorano is a USA (California) Corporation, a trusted provider of Digital Business Backplane and enterprise integration middleware, high performance messaging and peer-to-peer distributed systems. Fiorano powers real time, digital enterprises with bimodal integration and API Management strategy that leverages the best of systematic (centralized, high-control) and adaptive (federated, high-speed) approaches to deliver solutions across cloud, on-premise and hybrid environments. Fiorano operates through its worldwide offices and a global network of technology partners and value-added resellers.

Global leaders including AT&T Wireless, Boeing, British Telecom, Federal Bank, L'Oréal, McKesson, NASA, POSCO, Rabobank, Royal Bank of Scotland, Schlumberger, US Coast Guard and Vodafone have deployed Fiorano to drive innovation through open, standards-based, event-driven real-time solutions yielding unprecedented productivity.

To find out more about how Fiorano can help you meet your enterprise integration objectives, visit [www.fiorano.com](http://www.fiorano.com) or e-mail [sales@fiorano.com](mailto:sales@fiorano.com)

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