

mobiquity® Pay

LEVERAGING THE POWER OF CLOUD



Comviva's **mobiquity® Pay** is the world's leading white-labeled digital financial services platform. It powers over 70 digital financial services in more than 50 countries from South East Asia and Middle East to Africa and Latin America, serving the financial needs of over 130 million consumers and processing 7 billion transactions valuing \$ 130 billion annually.

A Cloud Native Platform

mobiquity® Pay is a **cloud native** platform with an open source tech stack. It enables an open supply chain with respect to hardware. The cloud based deployment enables reduction of costs to launch a digital payment service and thereafter scale rapidly with **Auto-scaling** functionality. Open supply chain enables a reduction in hardware cost. It supports deployment on both on private and public clouds including but not limited to Amazon AWS, Oracle cloud or Azure. mobiquity® Pay platform also supports 100 per cent **automated deployment**. This is enabled using a **continuous integration and continuous delivery (CI/CD)** pipeline based approach.

Our Cloud Clients

Seven out of 70 customers of mobiquity® Pay have **chosen cloud** to launch their services. These includes **banks** like Phongsavanh Bank Laos, IDFC First Bank India, Bank Sohar Oman and Arab Bank Palestine; **telecom providers** like Batelco Bahrain and Omantel Oman; and **non-bank/non-telecom financial service providers** like AFS, Movii Colombia and TALibya. We have the experience of being Live on **AWS, Oracle and in country local clouds** and have implemented both **Capex and Revenue Share** models. A large telecom group will also migrate mobiquity® Platform from on premise to cloud with **~ 250 TPS Capacity**.

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|---|---|---|--|
| Colombia Movilred - Movii Oracle | India IDFC Bank AWS, India | Bahrain AFS, Batelco AWS, Bahrain | Palestine AFS, Arab Bank AWS, Bahrain |
| Oman Omantel – Bank Sohar Oman Data Park | Libya TA Libiya AWS, Ireland | Laos Phongsavanh Bank AWS, Singapore | |

Movii – Cloud Case Study

- Movii is the leading digital financial service in Colombia with over **1.09 million customers**. Launched in July 2018, the service has rapidly become the dominant digital financial service in Colombia with **94% subscriber market share and 80% transaction value market share**.
- Movii offer a **host of services** including money transfer, bill payments, merchant payments (via Movii app or Mastercard companion card), mobile recharge, digital content purchase, financial-aid disbursement, loans for MSMEs etc.
- Powered by mobiquity® Pay platform, the Movii service is running on Oracle Cloud. The platform seamlessly supports current **traffic of 100 TPS on Oracle Cloud**. The mobiquity® Pay platform is flexible addressing many needs of service providers like **fast integrations**, quick change in **service charges** and efficient **hierarchy management**.
- Since April 2020, with the advent of **COVID-19**, Movii has been used by government of Colombia to disburse financial-aid (solidarity income) to over 160,000 impacted families. Since then, between March and October 2020, Movii **subscribers have increased drastically by 163% and transaction value by 675%**. Despite rapid transactions surge, the **platform scaled smoothly** without any glitch.

A Bank grade platform

mobiquity® Pay is a **bank grade digital wallet platform** that comes with a comprehensive **service creation engine** which allows to define parameters of services to be availed by end consumers. The solution has UI driven admin module with role **based access** controls to create services pertinent to multiple hierarchies and grades of customers of the digital financial service. mobiquity® Pay allows admins to use the template to create the variants of services for multiple hierarchy (segments) based on their KYC status and other parameters.

mobiquity® Pay also allows periodic **modification of service parameters** such as limits, thresholds, fees and commissions via its exhaustive configuration feature. All this is provided through an intuitive interface allowing administrators to perform and execute these configurations in self-service mode. Limits and thresholds can be configured at account level, channel level, segment / customer profile / hierarchy level. Such modified services can be published instantly and activated for customer consumption. Customers can open their account on their own or through assistance of an agent, and dynamic assignment of the account would happen based on the KYC details submitted. The detailed audit trail, logs and reports of all consumer interactions provides admin users a **comprehensive view of consumer journey** in the system.

mobiquity® Pay allows users to **view Current Balance** (including funds in clearing), **Effective Available Balance and Shadow Balance** (pending). It also offers debit and credit segregated (double entry based) **state of art GAAP driven General Ledger** which helps to arrive at accurate P&L for the service provider. Generated commissions, charges and accrued interest on balances are automatically mapped as per General Ledger and accounted for P&L. Interest accrual & interest applications processes are clearly segregated as per banking standards. Below are some standards which mobiquity® is compliant with:

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|-----------------|---------------------------|--------------------------|-----------------------------|--|-------------------------------------|---|
| ISO/IEC 27001 | ISO 9001:2015 | CERT Secure Coding Guide | PCI-DSS ready | MasterCard & Visa certified | Android and iOS security guidelines | Android KeyStore White Box Cryptography |
| OWASP compliant | JSON, XML, Rest compliant | Device Fingerprinting | Multi-factor Authentication | Root detection, Tamper detection, Malicious app and compromised device detection | | |