

Central African Telecom Achieves 80% Faster Time to Market with LEAP

Unlocking 1300+ Transactions Per Second (TPS)

The customer is a telecommunications company serving a user base of 3.3 million in Central Africa, providing a range of telephony products and services. The company is recognized for delivering top-line technology and services, positioning itself as a leader in the telecom sector within the country.

Low Lights

- » Limited development flexibility due to a heavy code based USSD platform
- » Complex application development and service maintenance
- » Longer delivery times resulting into delays
- » Significantly high time-to-market

The challenge was primarily attributed to a cumbersome, code-based USSD platform, coupled with complex service creation processes.

Additionally, creation of applications was time consuming and required deep tech expertise, which in turn hindered time-to-market and negatively impacted revenue growth. The high maintenance and operational costs further aggravated revenue concerns.

This hampered time-to market of the applications which impacted revenue growth. Moreover, high maintenance and operation resulted in further impacted revenue.

Solution

- » An implementation of a low code dynamic application creation platform
- » An **intuitive GUI** with drag and drop functions
- » Streamlined integration with external applications through built-in connectors, seamlessly unified with other applications.
- » Scalable solution for creating USSD services
- » Cost effective solution






Comviva deployed **LEAP – an enterprise grade low code platform** that provides a framework to telecom operators and their enterprises to create low-code web based applications by themselves using service business logic and the connectors in the LEAP platform.

It provides **multi-interface drag and drop visual builder** for creating applications that provides services to the end user in a single platform and seamlessly integrates with external systems with pre-defined connectors .

Low Code Platform



Impact

-  TPS **achieved 1300**
-  Maximum total short codes for **USSD** services created: **71**
-  Total **business applications** deployed: **715**
-  **Time-to-market** reduced by approximately **80%**
-  **LEAP Uptime : 99.97%**

LEAP has deployed **over 100+ services** since 2019 and operates at **1300 TPS**. It has helped reduce the time-to-market by speeding up the process from conceptualization to monetization by approximately 80%.

Moreover, LEAP delivered an **uptime of 99.97%**, generating revenues with USSD services like data bundles, airtime, international bundles, and mobile-money.

The solution significantly helped to **reduce substantial delays** while making frequent change/tweaks as per business needs.