



THE MULTI-CURRENCY, MULTI-GEOGRAPHY MSME FINTECH PLATFORM INNOVATOR



WHO WE ARE

LOLC Technologies Ltd is a fully-owned subsidiary of LOLC Holdings PLC. LOLC Tech has been a pioneer in adopting new and ground-breaking technologies that usher in business value. It became one of the first IT companies to obtain many standards including ISO 270001, ISO 9001 and ISO 20000. Further, aligning with its digital footprint, LOLC Tech achieved PCI DSS certification.

LOLC Tech comprises of a highly competent and dedicated team of 350+ professionals to provide best-in-class consultancy and support services. We understand that as technology evolves, enterprises need to stay ahead of the curve in order to sustain in a dynamic, economic and business environment. Our well experienced team has been pioneering in implementing cutting edge technology solutions to customers for over two decades.

The Fintech verticals of LOLC Technologies; iPay – a financial services super app, Fusion X - a Next Generation core Banking Platform, and OYES – a fully automated salary advancing solution; are conceptualized with the vision of delivering business agility to users that operate in constantly changing markets.

Furthermore, the Company has become a leading systems integrator in Sri Lanka, covering the Financial Services sector, Telecommunication sector, Apparel and Manufacturing Industry and Commercial industries. LOLC Tech has further expanded its services to global markets for customers in Cambodia, Myanmar, Pakistan, Bahrain, Philippines, Indonesia, Zambia, Nigeria and Sierra Leone.



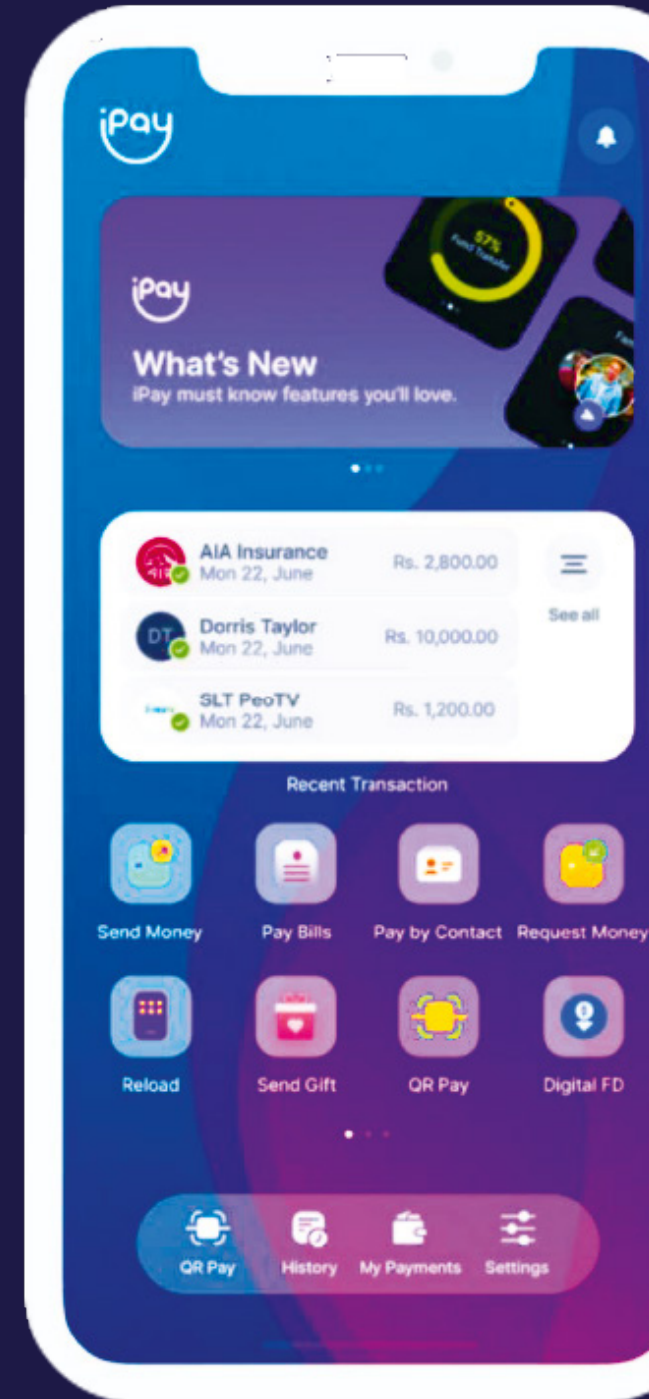


A PLATFORM BEYOND PAYMENTS

Backed by the largest financial conglomerate in Sri Lanka, iPay is a super app with a comprehensive suite of digital financial services currently operating in Sri Lanka and Cambodia.

With the goal of becoming a global leader in the Fintech arena, iPay is continuously innovating in the digital financial services domain providing cutting-edge technology to power the digital transformation of Banks and Finance Institutions.

iPay is a super app with a comprehensive suite of digital financial services currently operating in Sri Lanka and Cambodia.



- Facilitating users to perform transactions seamlessly, conveniently, quickly and securely.
- Multilingual platform with the flexibility of catering to multi ethnicities or multi language needs.
- Ecosystem consists of customers and merchants, which can accommodate business entities of all sizes varying from Roadside Merchants to SME's to Corporates.

We are constantly seeking avenues to address issues and inconveniences faced by our user groups. iPay is always innovating in the Fintech domain providing cutting-edge technology solutions, digitally empowering all users and increasing the level of financial Inclusion in the operating markets.



ECO SYSTEM



RETAIL BANKING

- Digital Onboarding
- Fund Transfers
- Bill Payments
- Merchant Payments
- Financial Services
- Online Market Place
- Lifestyle Services
- Digital Financial Services (Digital CASA | FD | Loan etc.)
- Remittance Services
- Special Insurance products
- Credit | Debit | Prepaid (Virtual/Physical) Cards



BUSINESS BANKING

- Digital | Physical | Phigital Onboarding & Payments
- Website templates for online merchants with payment gateway facility
- Enablement of logistics via delivery partner network accessibility
- POS Payments: SoftPOS | mPOS | Other POSs
- Online Market Place with the advertising platform, iAds Instant advertising facility and social media link
- Merchant Credit Line/Working Capital
- Multichannel Payment Sources and Omnichannel Payment Acceptance



AGENT SOLUTION

- Special ipay interface provided for the employees of other institutes acting as collection agents to market their own product offerings
- Collection Management for payment collection



BANKS & OTHER FINANCIAL INSTITUTIONS

- Customer digital onboarding
- Merchant Acquiring
- Payment Card Services | IPG Services
- Facilitation of payment ecosystem
- Agent Banking | Finance | Remittances



ENTERPRISE SOLUTIONS

- Collection Automation & Management
- Bill Notification
- Business Banking
- Agent Collection Model
- Product Offering
- Cross Border Payments
- Salary Advance Platform

ECO SYSTEM - RETAIL BANKING VERTICAL



DIGITAL ONBOARDING MODULE

- Highly configurable and seamless consumer journey flow through eKYC/video KYC capturing for customer
- Advanced liveness detection through facial and gesture recognition at the registration for users
- Scan/Upload KYC documents via mobile
- Faster on boarding via easy integrations with multiple verification services
 - Identification algorithm
 - Credit check
 - Blacklists and sanction lists screening
- Face ID check against KYC documents/ID
- OCR for KYC documents to simplify onboarding



DIGITAL FINANCIAL SERVICES MODULE

- Account summary, statements with filter and export options
- Card summary, manage card & limits, support for credit, debit, virtual cards & report lost card
- Apply for loan, view loan details, and repay loan
- Open and manage Digital Savings Accounts and conversion options
- Open, renew or break Fixed/Recurring Deposits



FUNDING SOURCES ASSOCIATION

- Association of bank accounts, cards, wallets as payment sources in iPay
- Association of OYES (Salary Advance) account as a payment source
- Funds Transfers between Inter & Intra-banks
- Payments including Utility, Airtime top-up, Loan & Leasing, Insurance, Merchant payments, Investment Funds etc.
- Alias based funds transfers (ABFTs)



PAYMENT MODULE

- Centralized electronic bill payment solution with biller management
- Service providers are connected through their APIs to iPay including,
 - Outstanding Check API – Account and Invoice Outstanding checking option
 - Payment API – Update the accounts on the service provider's side after a payment is performed
 - Inquiry Service API – Status check of the payment update
- Recurring and scheduled payments
- Reconciliation and reports
- Dispute resolution module

ECO SYSTEM - BUSINESS BANKING VERTICAL



DIGITAL ONBOARDING MODULE

- Highly configurable and seamless Digital, Physical, Phygital onboarding module for merchants
- Scan/upload KYC documentation support
- Faster on boarding via easy integrations with multiple verification services
 - Identification algorithm
 - Credit check
 - Blacklists and sanction lists screening



DIGITAL MARKETPLACE

- Merchant Management Features:
 - Merchant Information & Settlement Account Management
 - EMV Co standard QR code generation & Merchant Outlet based QR
 - Merchant wise, transaction value based MDR handling with the option of tariff versioning.
 - Real time merchant settlement and notifications
 - Reservation & appointment booking module
 - Website templates for online merchants with payment gateway facility
 - Enablement of logistics via delivery partner network accessibility
- Online Market Place and iAds – advertising platform



CREDIT LINE & WC MANAGEMENT

- Merchant Credit Line facility for registered merchants via account based digital loans and card based credit lines
- Working capital for SMSE enterprises
- Factoring facilities



PAYMENT MODULE

- Website templates for online merchants
- Multichannel Payment Sources
 - Payment gateway facility
 - Card acceptance via POS terminals: SoftPOS, mPOS & other POSs
 - NFC Payments
 - QR Code transactions
 - Pay by Link payment solutions
- Account based payments
 - Omnichannel Payment Acceptance Extensible channel partner payment acceptance Multiple channels – digital/in-store payment acceptance

ECO SYSTEM - ENTERPRISE & AGENT VERTICAL



BUSINESS BANKING

- Multichannel Payment Sources:
 - Payment Gateway facility
 - Card acceptance via POS terminals
 - NFC Contactless Payments
 - QR based payment solutions for customer statement, invoices, IPG and in-store transactions
 - Pay-by-Link payment solutions
 - Account based payment management
- Omnichannel payment acceptance via extensible multiple channel partner/Agent network



COLLECTION AUTOMATION & MANAGEMENT

- Customer bill management & digital Distribution of bills
- Automated collection & reconciliation module
- Multi channel customer engagement payment notifications & reminders
- Special iPay interface provided for the Employees of other institutes acting as collection agents
- Collection Management for payment collection via expandable channel network



OYES SALARY ADVANCE PLATFORM

- Salary Advance solution provided for employees
- Unlocking the daily earned salary to employees of corporates and disbursement via OYES Account
- OYES can be integrated with iPay or any fintech platform
- Consideration of Basic Salary and any allowances or deductions for the respective salary cycle
- Facilitate instant access to the daily earned salary at any given time
- Integrations to the corporate's HR system for deployment

ECO SYSTEM - BANKS & OTHER FINANCIAL INSTITUTIONS VERTICAL



PAYMENT ECOSYSTEM AND AGENT BANKING MODULE

- Facilitation of payment ecosystem
- Facilitation of digital financial services for the Institute's customer base
- Payment Card Management Services & Payment Gateway Services
- Agent Banking & finance modules
- Facilitation of Remittances agent network



CUSTOMER ONBOARDING

- Facilitation of customer digital onboarding for financial institutions
- Cross-selling and upselling capabilities



MERCHANT ACQUIRING

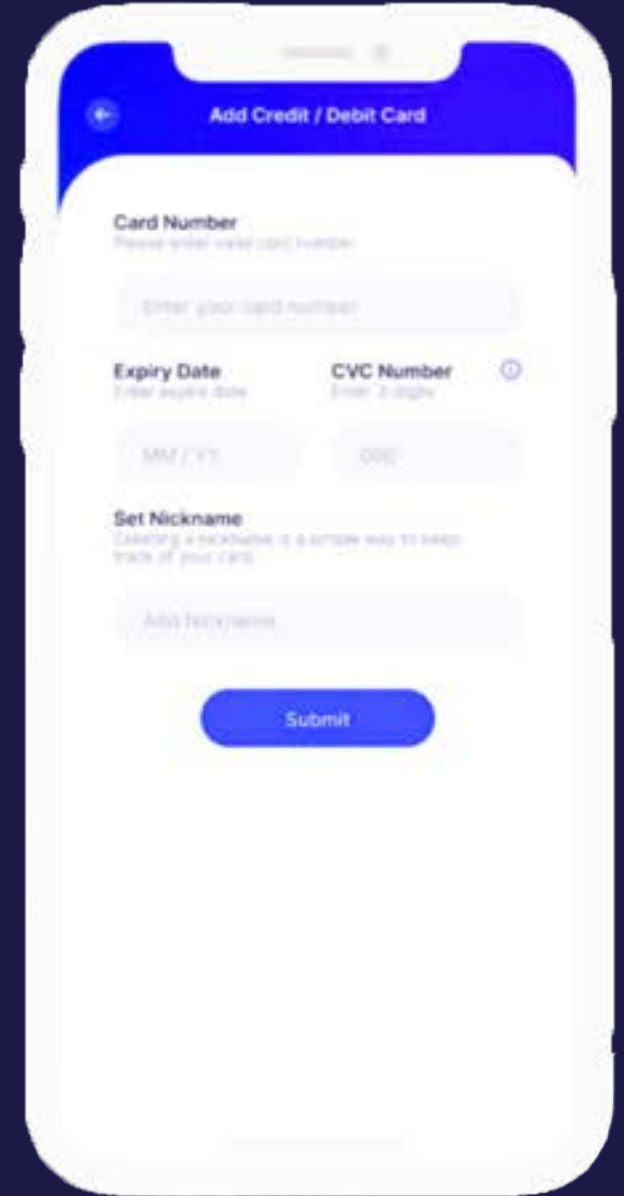
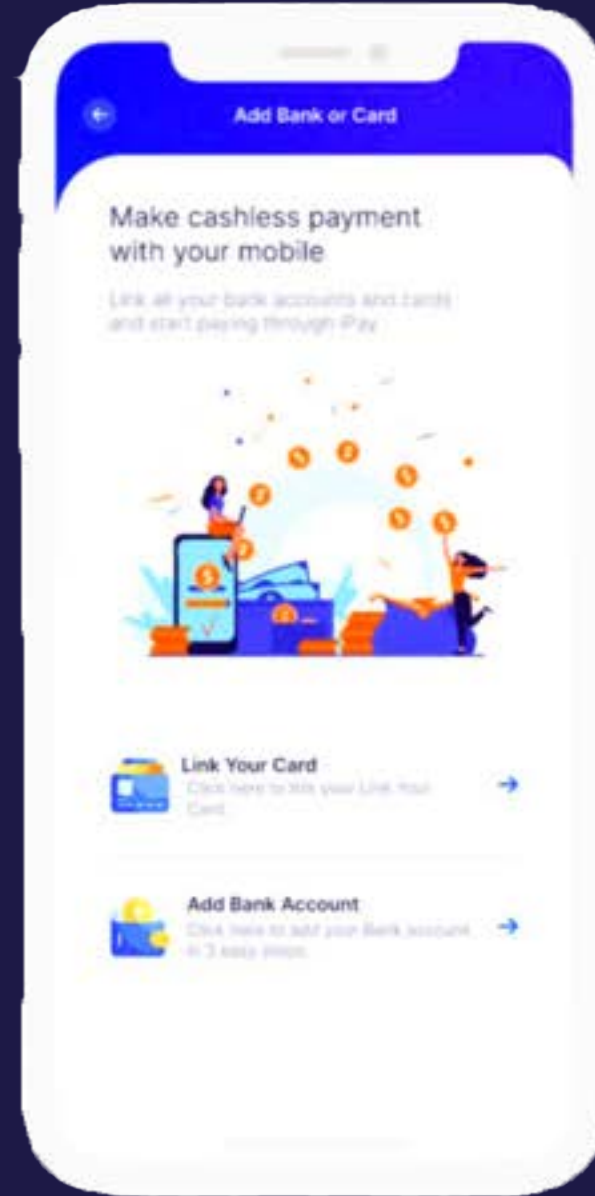
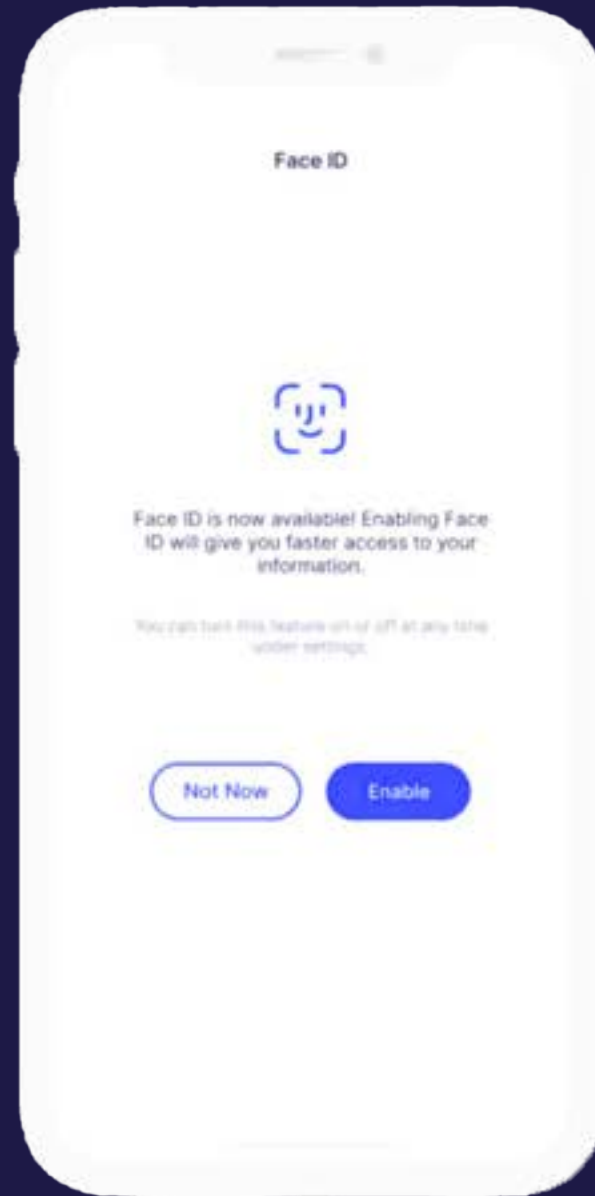
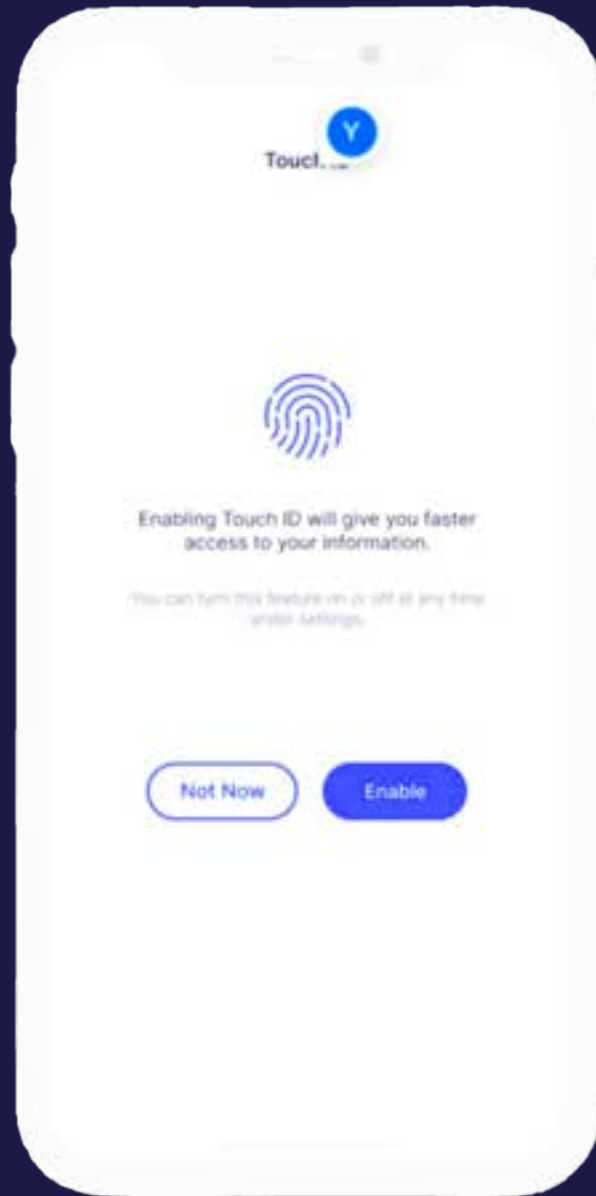
- Local acquiring to cover the merchant's market(s) of interest for increased payment acceptance
- Digital onboarding of merchants
- Merchant interfaces: Web & Mobile tools
- Admin, reports and reconciliation tools



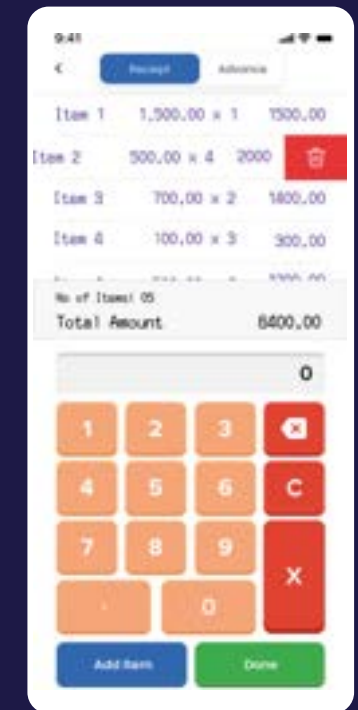
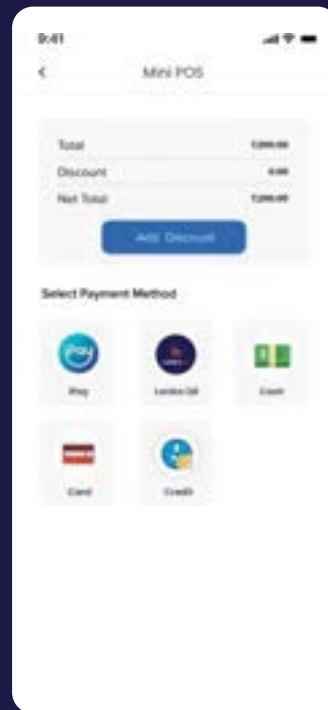
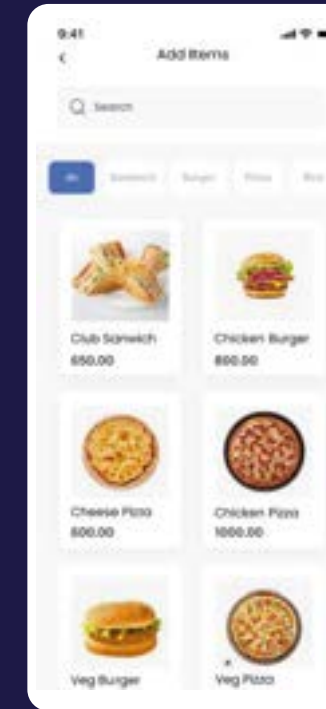
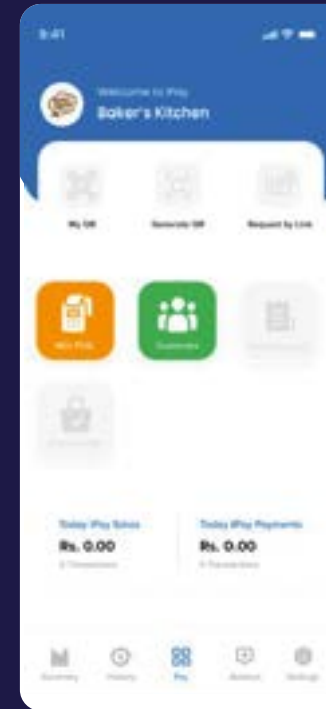
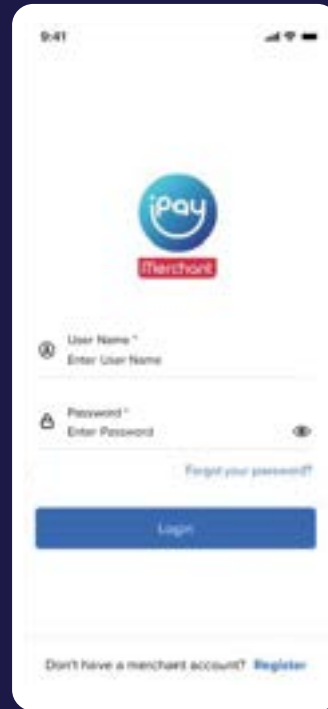
DATA & AI TOOLS

- In-depth data analysis for monitoring and reporting tools for traffic management
- Intelligence based product offerings and promotion tools
- Credit Scoring Model

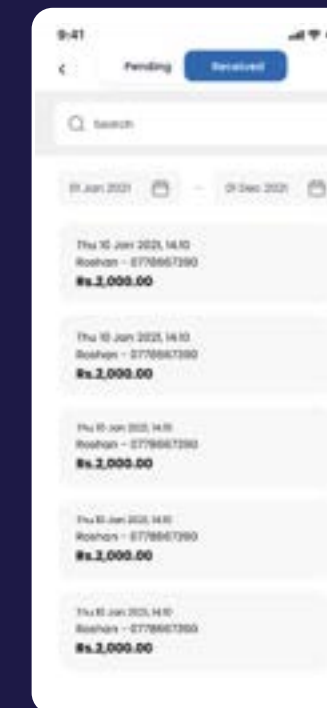
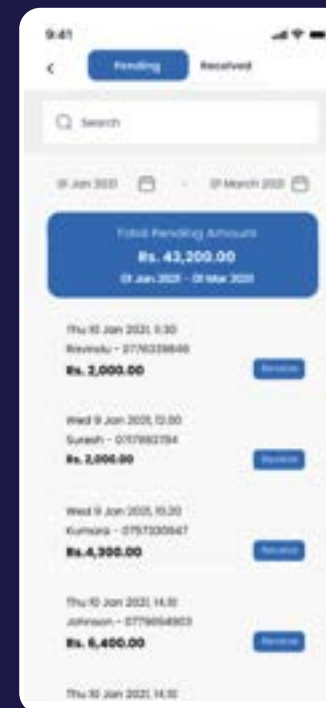
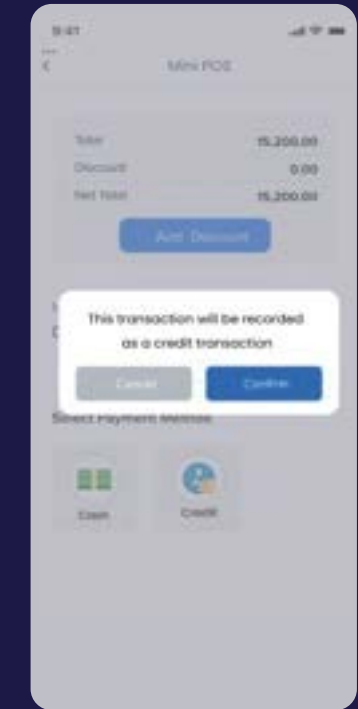
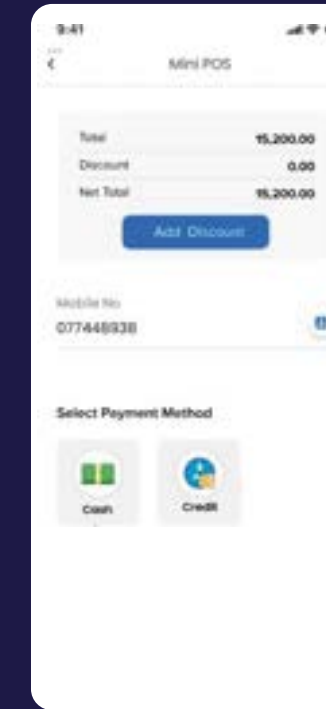
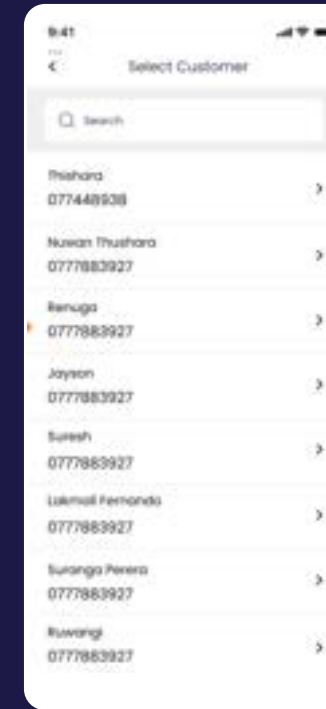
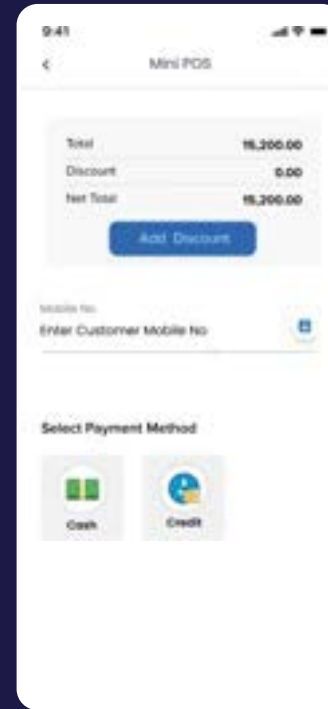
USER JOURNEY



MERCHANT JOURNEY



MERCHANT JOURNEY



KEY SUITES & CAPABILITIES



Omni-Channel Retail
Banking Suite



Merchant Account Management
System + Advertising Suite



Personalization +
Experimentation Engine



In-Built Account
Management System



API Creator + UI/UX Manager



Near-Field Communication (NFC)
+ Tokenization Based
Contactless Payments



In-Built Business
Banking Suite



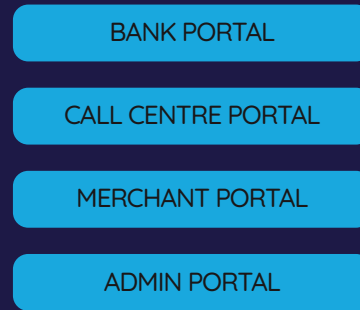
Multiple Payment Sources
Inwards and Outwards
Management System

ARCHITECTURE

Decades of experience across 20+ countries in Banking & Financial Services has aided us to create a fully fledged fintech platform that is built with the future in mind.



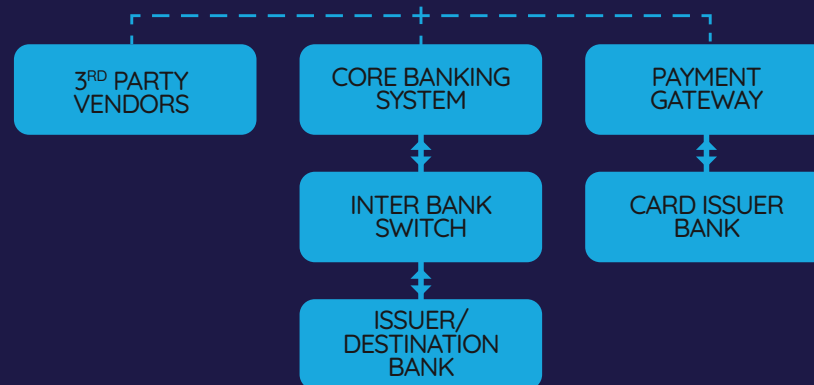
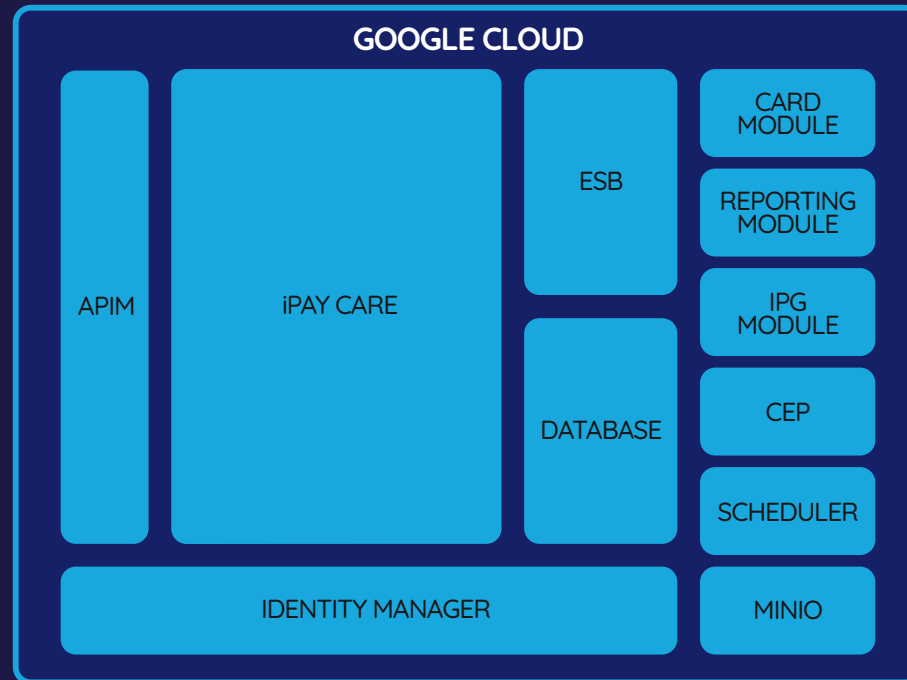
CONSOLES



APPS



GOOGLE CLOUD



ADVANCED ARCHITECTURE



Cloud Native



Componentization +
Service-Oriented
Architecture (SOA)



Declaration + REST APIs



Contextual Workflows for
Different Schemes



Enterprise Class
Multi-capabilities



Event, Data & Insight
Driven Architecture



Online Monitoring



Real Time Transaction
Processing Capabilities



Technology Platform Choice



Scalability, Performance
+ Resilience



Configurability, Localization
+ Extensibility



PCIDSS | ISO Certified Platform
with Other Security Features

SECURITY FEATURES



APPLICATION SPECIFIC SECURITY FEATURES

- Industry Leading Identity Service Platform Integration
- Bio-metric Authentication
- Payment Payload Encryption Using RSA PKI
- Card Detail Encryption Using AES & Tokenization
- Multi-stage Payment Verifications
- TLS 1.2 Enforced communication channels
- Independent Security Assessments



PLATFORM SPECIFIC SECURITY FEATURES

- Code Obfuscation
- Encrypted DBs
- Rooted Device Detection via SafetyNet
- Disabled Screenshot Feature
- Platform Specific App Scanning
- App Data Management by the Account Manager



INFRASTRUCTURE SPECIFIC SECURITY FEATURES

- Private Sub-nets Based Kubernetes Clusters
- ADFS Integration with Multi-Factor Authentication
- Zero Trust Security Architecture Based Privileged Access
- Enforced Role Based Access Controls
- TLS Encrypted DB Data Transmission channels
- PCI DSS Certified Infrastructure
- Virtual Patching Capability For The Zero-day Exploits
- OSI L3 to L7 Next-Gen Firewalls
- Real-time Audit Logging
- Integration with The Cloud Security Posture Management Platform
- Integration with The Cloud Workload Protection Platform
- Secure VPN Connections For Vendors



THE NEXT GENERATION CORE BANKING PLATFORM

BEING DIGITAL AT THE CORE

Fusion X is a next-generation core-banking platform developed to help standardise and optimise the operations of not only the LOLC Group globally but also other businesses around the world. Fusion X enables business agility to financial institutes that compete in a constantly changing market, through software innovations that transform them into technology-driven companies.

Join the next generation core banking platform and simplify your banking with Fusion X.

Our adaptable approach makes us the preferred option for businesses seeking to optimize their financial services.

WHO WE SERVE

- Traditional Banks
- Neo Banks
- Lenders
- FinTech Companies
- Financial Institutes

EMBRACE THE NEW ECONOMY AND JOIN THE TRANSFORMATION

OUR CLOUD BANKING PLATFORM

- Fusion X is the next generation core banking solution conceptualized with the vision of delivering business agility to financial institutes that operate in constantly changing markets through technology.
- The ideology of Fusion X is to be a catalyst to develop businesses. As such a solution was designed on composable architecture, to enable the banks and financial institutions to be agile and adopt a fast go-to-market approach in a heavily competitive industry.
- Our cutting-edge platform is engineered to ensure your bank is future-ready, seamlessly integrating all your channels and fostering lasting customer engagement.

THE NEXT GENERATION PLATFORM FOR THE DIGITAL WORLD

- Vision to deliver business agility to financial institutes through state-of-the-art technology.
- Designed with Digital-First, Cloud Native, Data-Driven design with Mobile-First approach. Micro Services based solution architecture.
- Platform designed to open banking standards with API first concept integration.
- Lower Servicing costs and improved customer satisfaction.
- Connect to analytics and BI platforms & Customizable on-demand reports.

KEY ACCELERATORS

PLATFORM DRIVEN APPROACH

Delivering solutions built on a state-of-the-art digital experience platform. Extensible to new channels of choice. Bringing individuality to channel design, agnostic to core banking solutions.

OMNI CHANNEL EXPERIENCE

Build solutions for a consistent user experience across the mobile, tablet, desktop or laptop devices from a single code base.

SCALABILITY

Our applications are built to scale with the increase in usage. We have existing implementations of applications which have increased around to a million customers.

INBUILT SECURITY FEATURES

Our solutions have successfully undergone comprehensive vulnerability testing across channels.

MICRO APPS

We create each user's journey as a modular and independent micro app. Each micro app is complete in all respects with UI, processing, validations and integration. Micro apps can be designed to support different channels. Micro apps can be embedded into other micro apps.

EASE OF MAINTENANCE

Apps are designed using our unique micro-services architecture which gives the enterprise, the agility to develop each feature independently and assemble them with minimal effort. Enterprise can maintain such micro services in a repository and reuse the same across applications with minor modifications.

PERSONALIZATION

Business users can manage and customize applications with ease. New features can be introduced by business users with the help of a intuitive user admin interface.

PREBUILT USER JOURNEYS

Offering pre-built user journeys as a part of our solution, enabling faster time to market.

NICHE BANKING FOCUS

Focused on banking solutions only. Banking technologists with 20+ years of experience.

IMPECCABLE BANKING EXPERIENCE

Successful digital banking project implementations across the world. Extensive work experience with local and global presence, and with a 100% success rate.

INDUSTRY RECOGNITION

LOLC Technologies Ltd. is incorporated as a fully owned subsidiary of LOITS. The company collaborates with principles such as Oracle, Microsoft, ACL Corporation and VMWare to provide integrated solutions as a service provider while maintaining strategic alliances with other delivery partners in the region.

FUTURE READY ARCHITECTURE

Micro-app based architecture design to enable modular and re-usable apps across the enterprise, with out-of-the-box Omni-channel capabilities. In-built security controls and administration. Automated integration capabilities.

REALIZE YOUR STRATEGY WITH A COMPREHENSIVE NEXT GEN PLATFORM



Lending Platform



Common Entity
Management



Cash and Bank
Management

PRODUCT MODULES



CASA + Deposits and
Investments



Internet and
Mobile Banking



Risk Profiling + AML



Collateral Management



User Profile
Management



General
Ledger

KEY FEATURES

END TO END CUSTOMER MANAGEMENT

Providing a seamless and personalized banking experience to customers, to improve customer retention and increase revenue.

ORCHESTRATION LAYER

A powerful feature in Fusion X, that empowers banks to customize and adapt the system to their unique business processes, policies and requirements. It enables banks to streamline operations, improve efficiency and ensure compliance with regulatory requirements.

PRODUCT INNOVATION & SECURITY

Helping Fintech organizations to stay competitive, meet customer demands and adapt to changing market dynamics in the financial industry.

SCALABILITY & PERFORMANCE

Fusion X ensures that the system can handle growing workloads, deliver efficient transaction processing and provide uninterrupted service availability for banks and their customers.

MULTICURRENCY

Allows banks to manage accounts, process transactions and provide services to customers in multiple currencies. It enables banks to support international business operations and serve customers with diverse currency requirements.

CENTRALIZED OPERATIONS MANAGEMENT

Streamline operational processes, automate tasks, manage risks, ensure compliance and gain insights into operational performance. It helps Fintech organizations to achieve operational efficiency, reduce manual errors and provide superior customer service.



OWN YOUR EARNED SALARY MAKE EVERY DAY A PAY DAY

- OYES salary advance platform can be a valuable resource for individuals who need quick access to financial support, to cover unexpected expenses or to bridge the gap between paychecks.
- Our salary advance platform offers an alternative which is more affordable, transparent and convenient. By integrating with employers' payroll systems, our platform will help individuals take control of their financial futures and achieve greater financial stability.
- OYES provides seamless and speedy advancing solution for employers in facilitating employee salary advances.
- OYES algorithm will take into consideration the Employees Basic Salary, Fixed Allowances, Fixed Deductions as well as Attendance for the respective salary cycle to calculate the employee's earned salary and will facilitate instant access to the Daily Earned Salary at any given time.
- Simple implementation and management - OYES is straightforward to implement and manage, with minimal administrative overheads for employers. Our platform integrates seamlessly with existing payroll systems, making it a breeze to set up and manage.

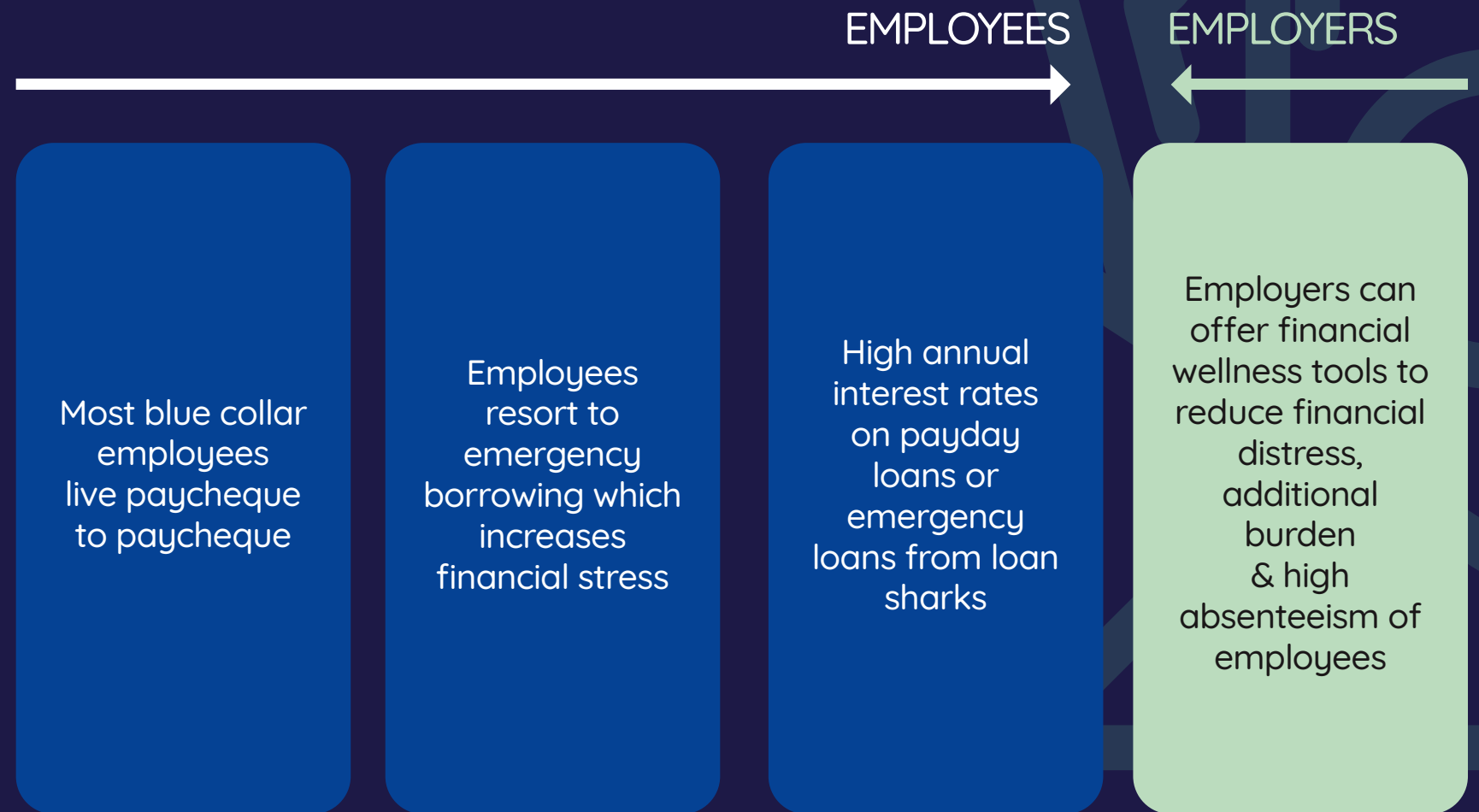
**SALARIES ARE
PAID MONTHLY
BUT CASH
NEEDS ARE
DAILY**

**SALARIES ARE
EARNED DAILY
BUT PAID
MONTHLY**

**NO WAY TO
UNLOCK DAILY
EARNED
SALARY?**

MANY EMPLOYEES STRUGGLE FROM ONE PAY-DAY TO THE NEXT

Enhanced employee financial wellness by offering employees access to their earned wages before payday, employers can significantly improve their financial wellness, reduce financial stress and boost employee satisfaction.



SALARIES ARE PAID MONTHLY BUT CASH NEEDS ARE DAILY

SALARIES ARE EARNED DAILY BUT PAID MONTHLY

7th - I need Money to pay the Electricity Bill

Fall prey to informal money lenders

10th - Our child is sick I need money for the doctor

Pay high Interest Rates

15th - I need money to pay my son's school fees before the exam date

Financial stress

17th - I need to send money to my parents urgently for their medicine

Cannot access formal credit

18th - I can't get a credit card I have to go to a money lender

Become unproductive

19th - Tomorrow is my wife's birthday I need money to buy a gift

Looking for alternative funding

A FINANCIAL WELLNESS TOOL WITH SMART ACCESS, SAVE AND SPEND FEATURES

No cost or risk to the corporate

No disruption to working capital

Zero interest for employees - not a loan

Hassle-free repayment for employees



OYES IS A
HOLISTIC
EMPLOYEE
FINANCIAL
WELLNESS
TOOL



BUILDING
FINANCIAL
WELLNESS
FOR THE
WORKFORCE

ACCESS TO FUNDS



Salary Advance

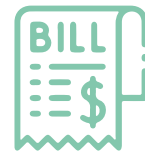


Personal Loans



Nano/Payday Loans

PAYMENTS



Utility & Bill Payments



Prepaid Card



Fund transfers

DFS



Digital Savings Account



Digital Investments

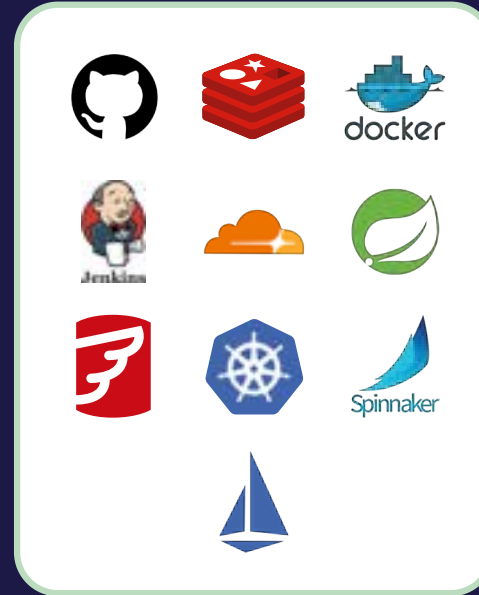


Digital Insurance

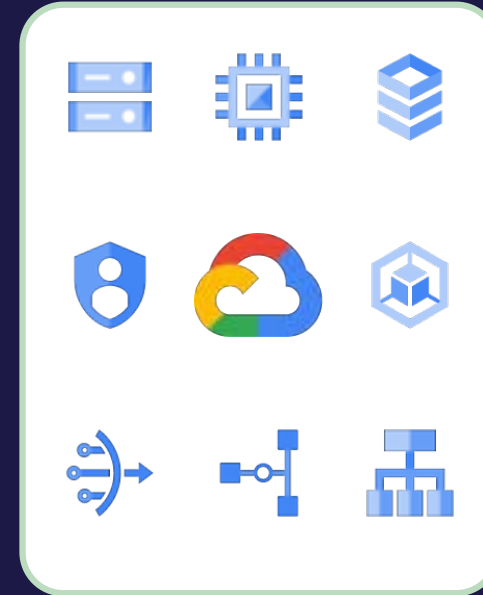


ARCHITECTURE

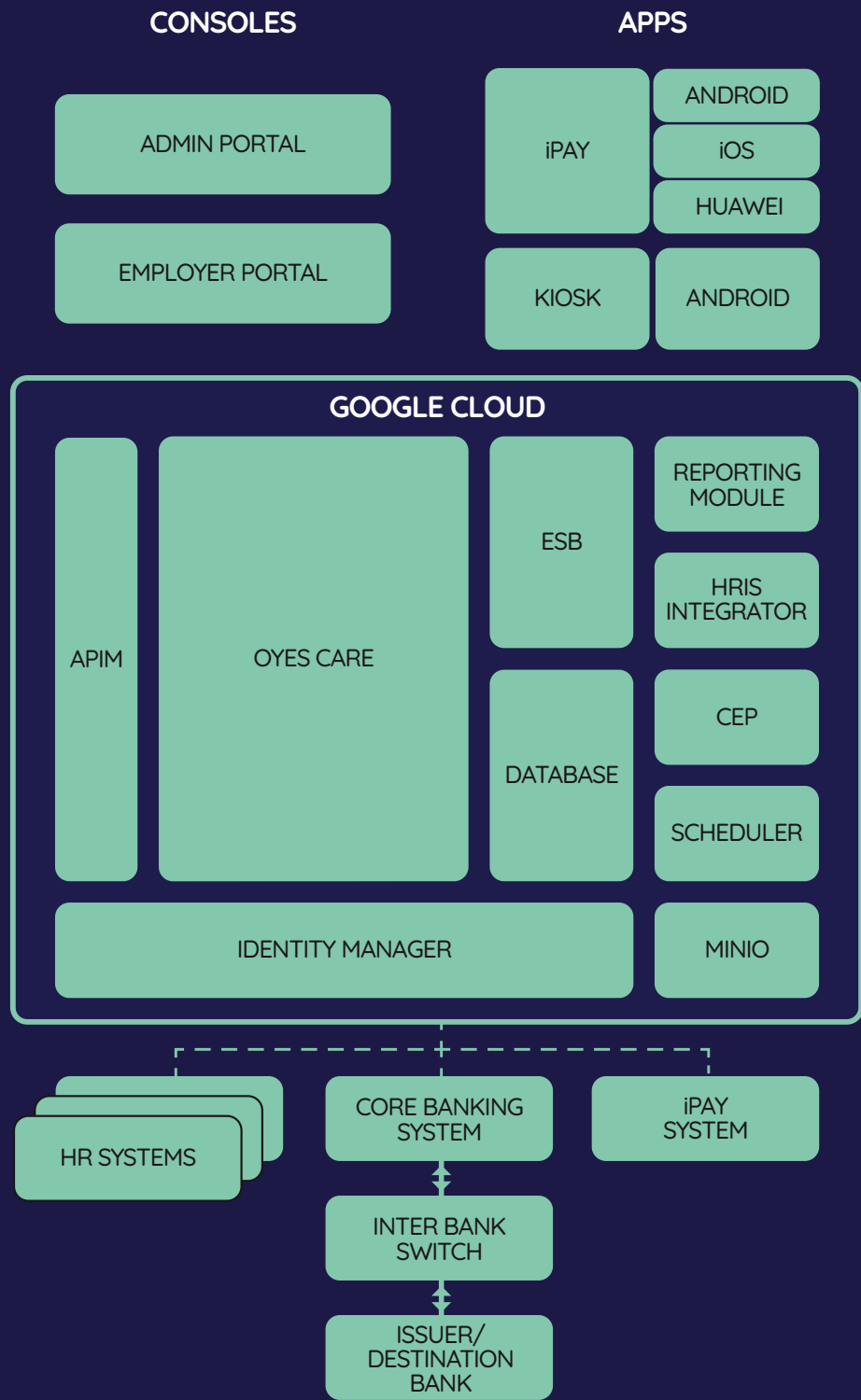
TOOLS & TECHNOLOGIES



DEPLOYMENT



CONNECTIVITY



HOW OYES WORKS?

Employer partners with OYES



Employees Register with OYES
via Employer's HR



Employee requests salary advance
via OYES App



OYES credits salary advance
to employee's OYES Account
instantly

SECURITY FEATURES

- Salary details are encrypted using AES-256 Symmetric key
- Hosted on Google Cloud & runs on top of Kubernetes
- Shared VPC (Virtual Private Cloud) Architecture is being used as the deployment architecture
- All the OS patch updates and VA issue addressing done by Google as managed services are being used
- Vertical and Horizontal auto scaling is enabled for high availability
- Using managed cloud SQL (Structured Query Language) service of Google as the database
- Realtime database backups are configured
- Google Alerts are configured to notify when a table related to salary information is being queried or modified outside the application itself

FOR MORE INFO, PLEASE CONTACT;

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LOLC Technologies Limited is an **LOLC Holdings** company. Its extensive portfolio of Banking and Fintech solutions span across core banking services, digital financial services, digital lifestyle services and salary advance solutions. It enables service providers to enhance customer experience, rationalize costs and accelerate revenue growth through scalability.



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