banvien
global software development

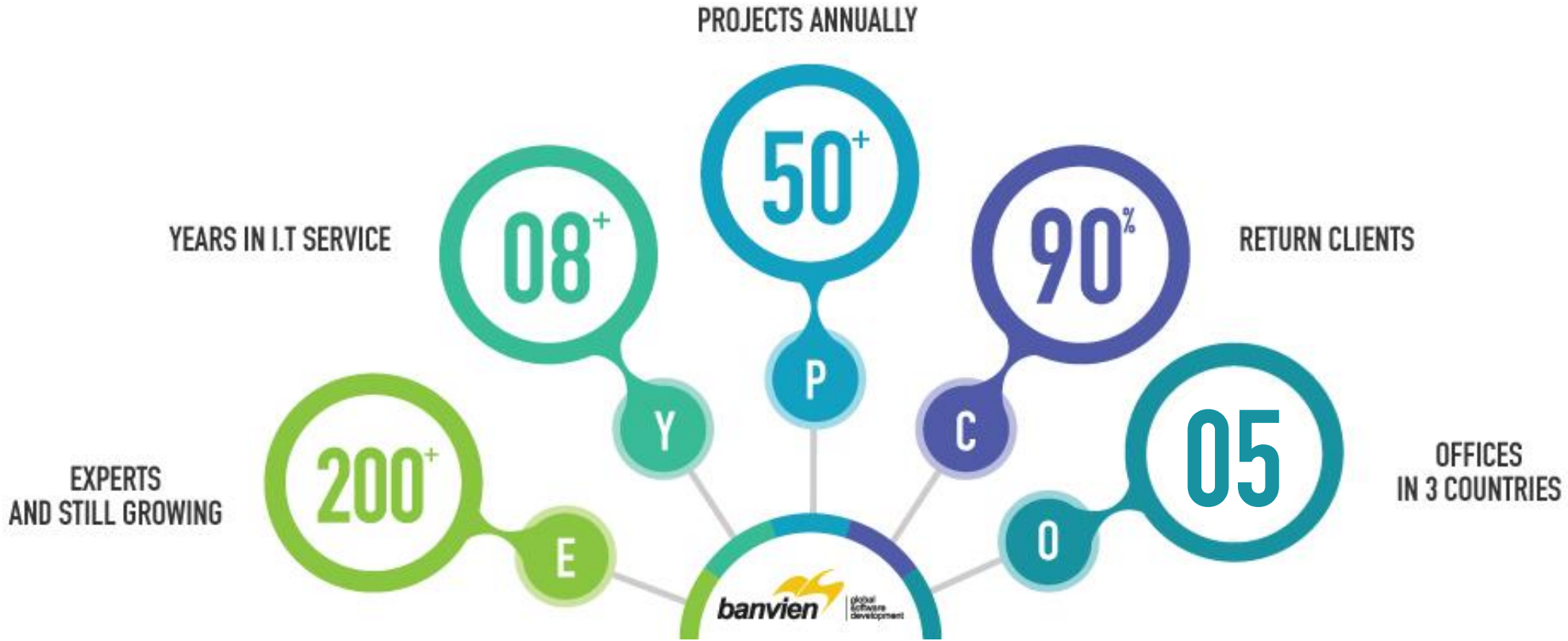
COMPANY CREDENTIALS

JULY 20, 2018

YOUR TRUSTED TECHNOLOGY PARTNER

Established in March 2010, Ban Vien's team has grown to 200+ talented and experienced experts and we are ready to be your trusted technology partner.

We have demonstrated expertise in embedded systems and software development across numerous industries, technologies and platforms.



BROAD SPECTRUM EXPERIENCE

Our diverse client base trusts our broad spectrum experience to meet their needs.

AUTOMOTIVE

RENESAS

HONDA
The Power of Dreams

EMBEDDED AI

Bridgetek
BRIDGING TECHNOLOGY

MEGANET
The way to mobile world

COMPUTER NETWORK

InfoFabrica

BANKING & FINANCE

PRUDENTIAL

V-KEY
TRUST SIMPLIFIED

AIA

EDUCATION

Sadlier

triumph learning™

SUPPLY CHAIN

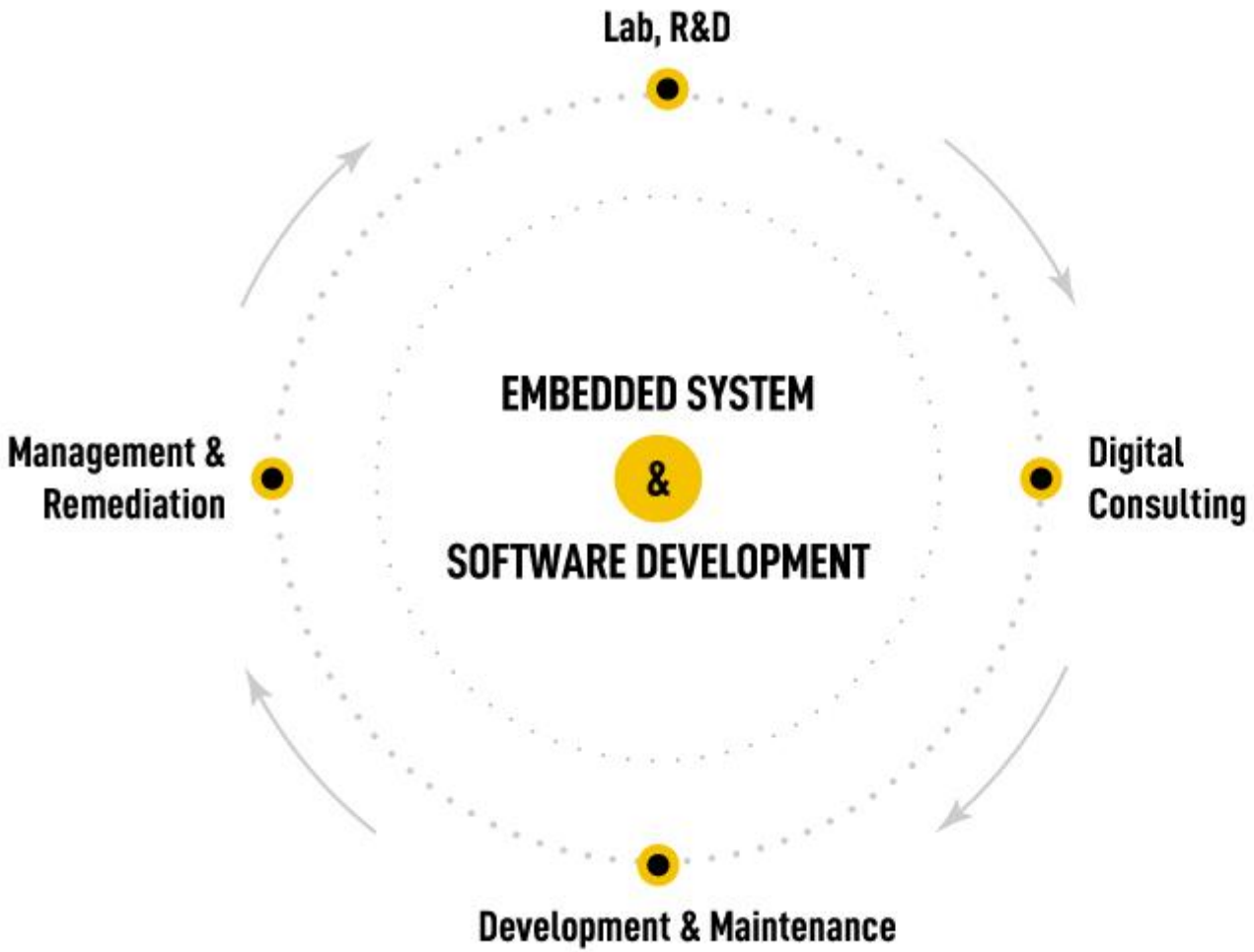
FrieslandCampina
nourishing by nature

mobifone
KẾT NỐI GIÁ TRỊ - KHƠI DẬY TIỀM NĂNG

VINCOM

SERVICES AND ENGAGEMENT MODELS

We offer a full scope of services and engagement models to fit your business needs



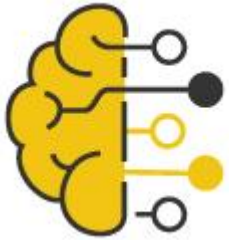
FLEXIBLE ENGAGEMENT MODELS

- Dedicated offshore resources
- Fixed price
- Time and material

LATEST TECH

Ban Vien always keeps an eye on advance technologies that have huge impacts in the industry. Mastering the latest tech give us the power to deliver the best solution and ensure our client success.

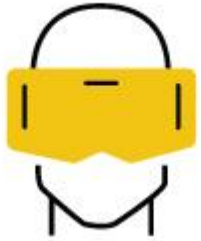
Internet of Things



Artificial Intelligence

Cloud Computing

FinTech



Augmented Reality

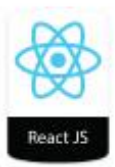
Blockchain

PLATFORM & LANGUAGE Highlighted

MOBILE

EMBEDDED SOFTWARE

WEB & SYSTEM



Expertise Stack
(embedded system)

TOOLS

GNU Toolchain

GreenHill IDE

Android Studio

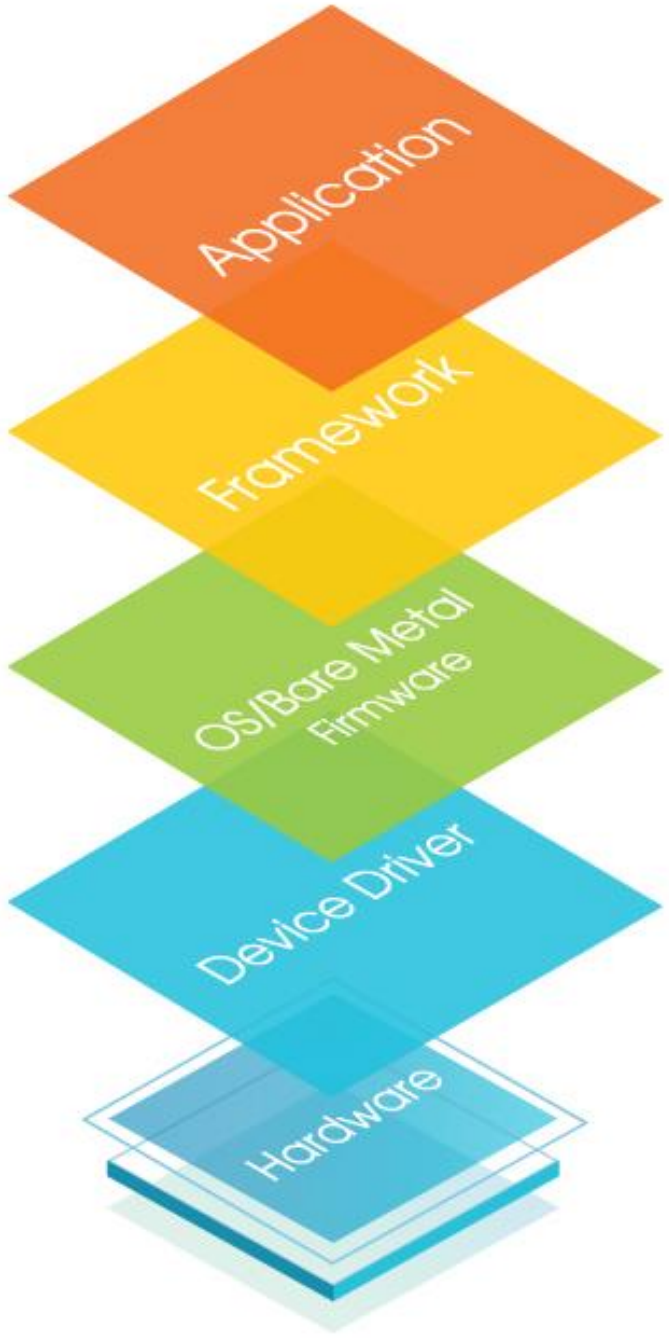
Visual Studio

Code Warrior

OpenOCD

QtCreator

ESD Toolchain



APPLICATION

AUTOMOTIVE | MOBILE | MULTIMEDIA | NETWORKING

FRAMEWORK

- Android Framework
- FFMPEG
- GSTreamer
- QT everywhere
- Yocto
- Lightweight TCP/IP
- OpenSwan

OS/BARE METAL FIRMWARE (**)

- Embedded Linux
- Vxworks
- AutosarOS RV850/OSEK
- FreeRTOS

DEVICE DRIVER (*)

COM: SPI,QPI,I2C
CAN,LIN
UART
USB Host/Devices
Ethernet

MEM: DDR2
NAND/NOR Flash
SDCard/EMMC

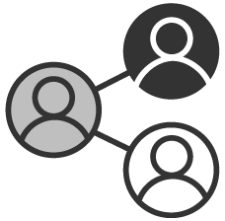
PERIPHERAL: ADC, PWM

HARDWARE

- RENESAS RH850 family: C1x/E2x/E2Mx/D1x
- ARM: iMX6
- PowerPC: PowerQUICC II, QorIQ
- Bridgetek/FTDI: FT81x,FT90x

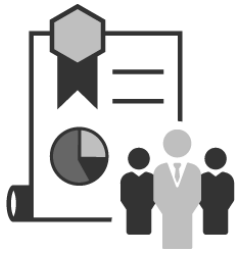
(*) Team size of MCAL & IDE Projects: 100+ engineers
(**) Team size of R&D Projects on basic software layer: 50+ engineers

CHOOSE US BECAUSE TES BENEFITS YOU



TALENT

We have, grow and retain our talent pool of experts across wide ranging technologies and platforms



EXPERIENCE

With our team of 200+ engineers, of which over 60% are senior level, we can strongly commit high average years of experience on a project

SCALABILITY

We can scale up to meet your needs. We invest in dedicated training programs that to ensure project competency across the team.

HOW TES BENEFITS OUR CLIENT.

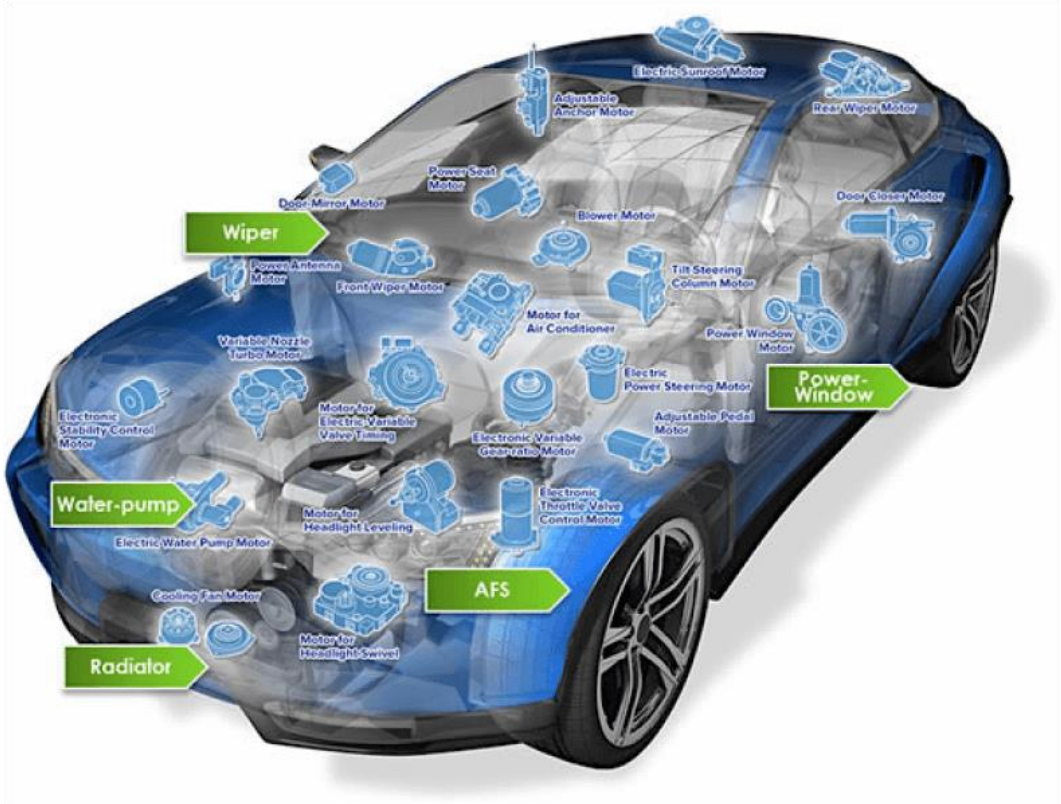
OUR WORK

JUST SOME OF

AUTOSAR EMBEDDED PROJECT

RENESAS offers development service for an OEM from Japan - a global leader in microcontrollers, analog, power and SoC products.

- Time and materials engagement model
- Setup strong team of 100+ engineers in just 7 months
- Employee satisfaction help retains the efficiency & stability



Turnover Rate < 10%

Average YoE 5

CMMI level 3 · ISO 27001 · ISO 26262 · AUTOSAR Enabling continuous innovations

AUTOSAR EMBEDDED PROJECT

Development

Develop various 16/32-bit MCU platform for MCAL driver and the following peripherals on PowerPC:

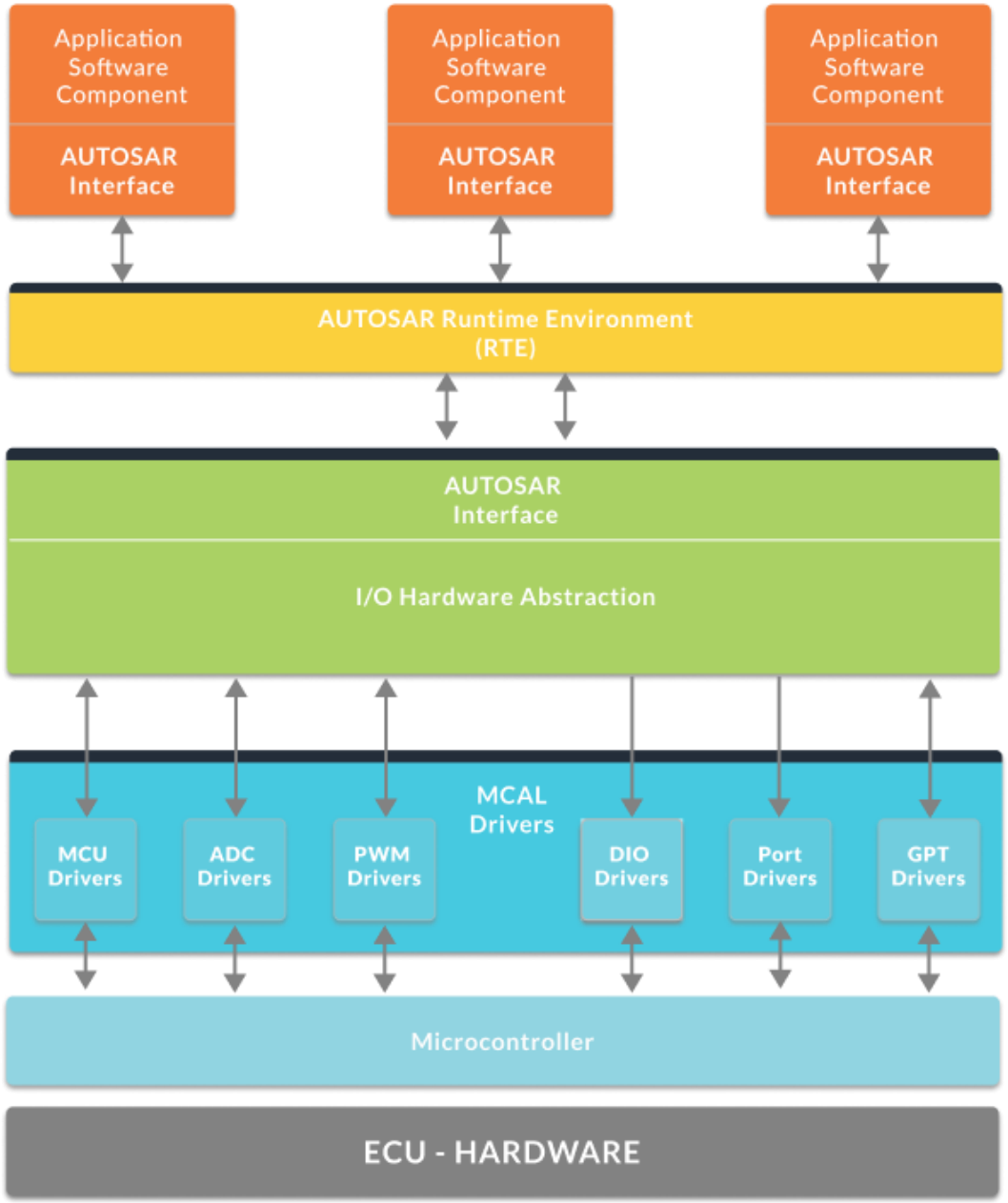
DIO	GPT	SPI	FLS	MCU
WDG	ADC	CAN	LIN	PWM
ICU	FEE	Ethernet	Flexray	

Verification & Testing

- Create comprehensive test specification
- Develop test module for MCAL API verification
- Analyze the migration from AUTOSAR 4.0 to 4.2
- Create documents and checklists required to conform to ISO 26262 ASIL-B process

Supported technologies

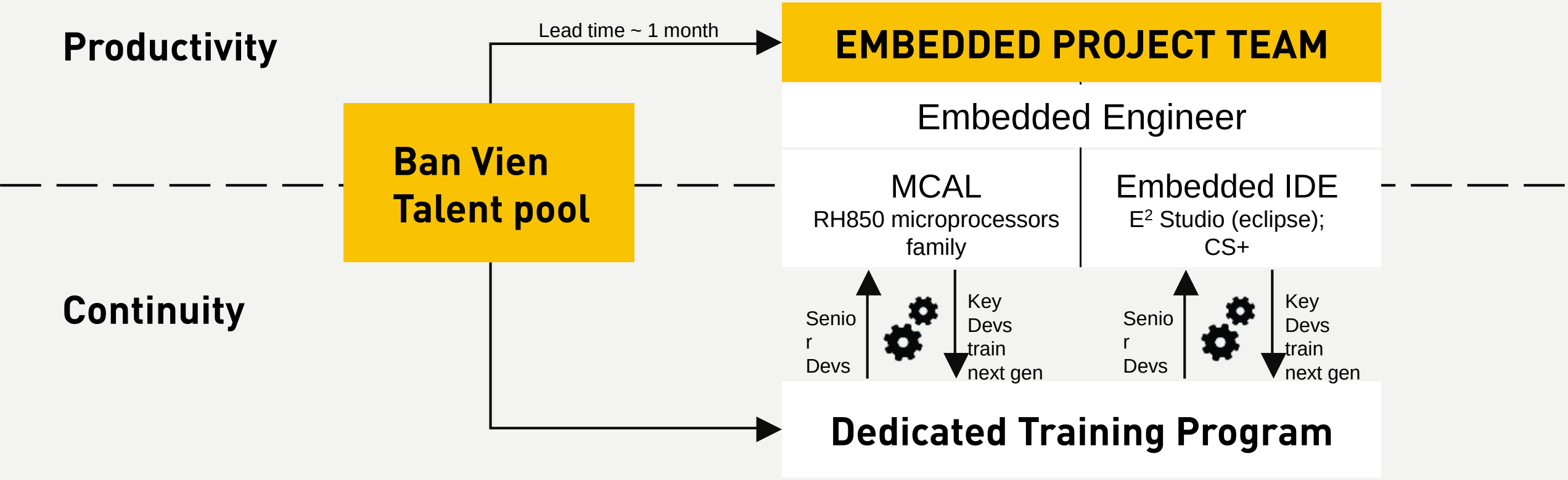
- 16/32-bit MCU, CANoe, Lauterbach, EB tresos Studio, Greenhills, WindRiver, Code Warrior compiler, LabVIEW and interface card



CMMI level 3 ISO 27001 ISO 26262 AUTOSAR Enabling continuous innovations

AUTOSAR EMBEDDED PROJECT

Resource planning strategy



PRUDENTIAL

Prudential is recognized as a trusted brand and one of the world's most admired companies, with 140 years of helping individual and institutional customers grow and protect their wealth.

- Net income (2017): $ 7,863 billion

Ban Vien has 2+ years of experience in many projects with Prudential Life & Prudential Insurance

Team size: 20+ engineers (onsite & offshore)

LoopBack.io
Node.js API Framework

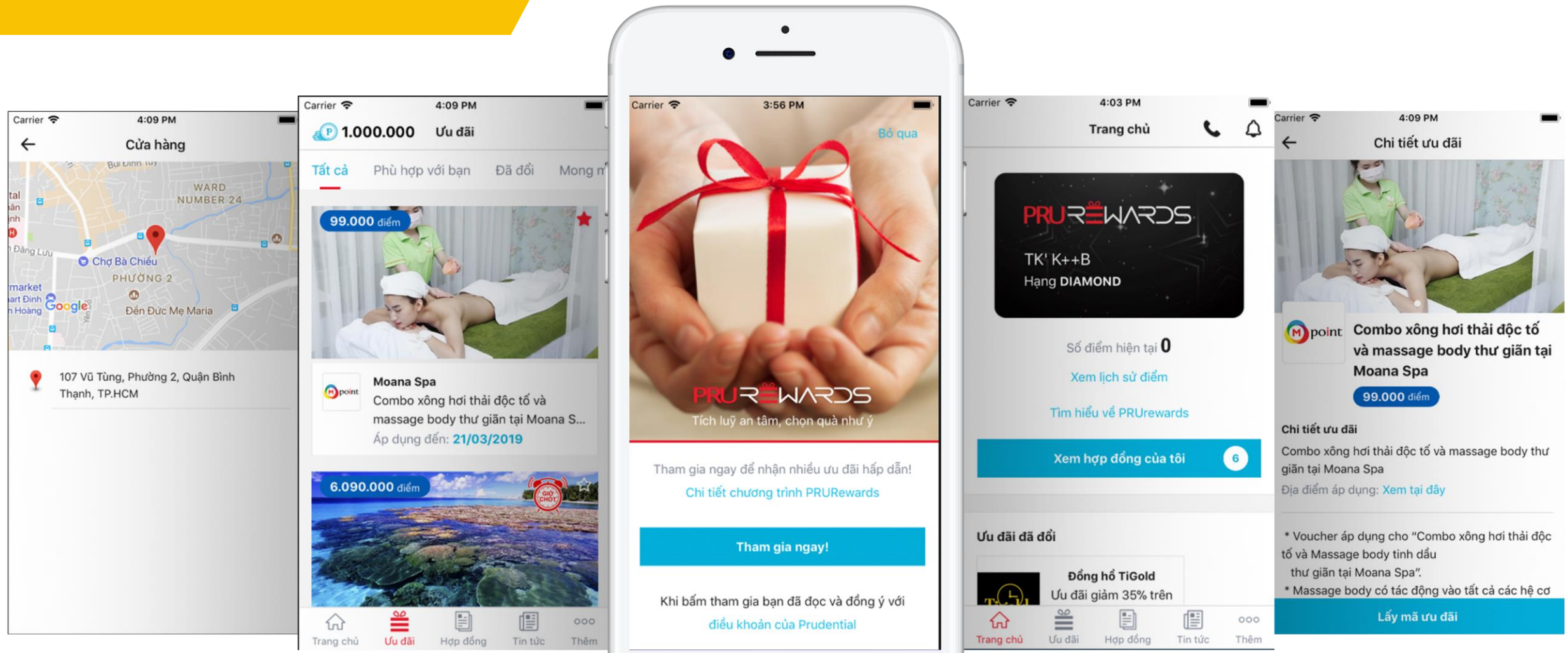
node

spring

Microsoft Azure

PIMCORE

PRU REWARD



Gift, Rewards

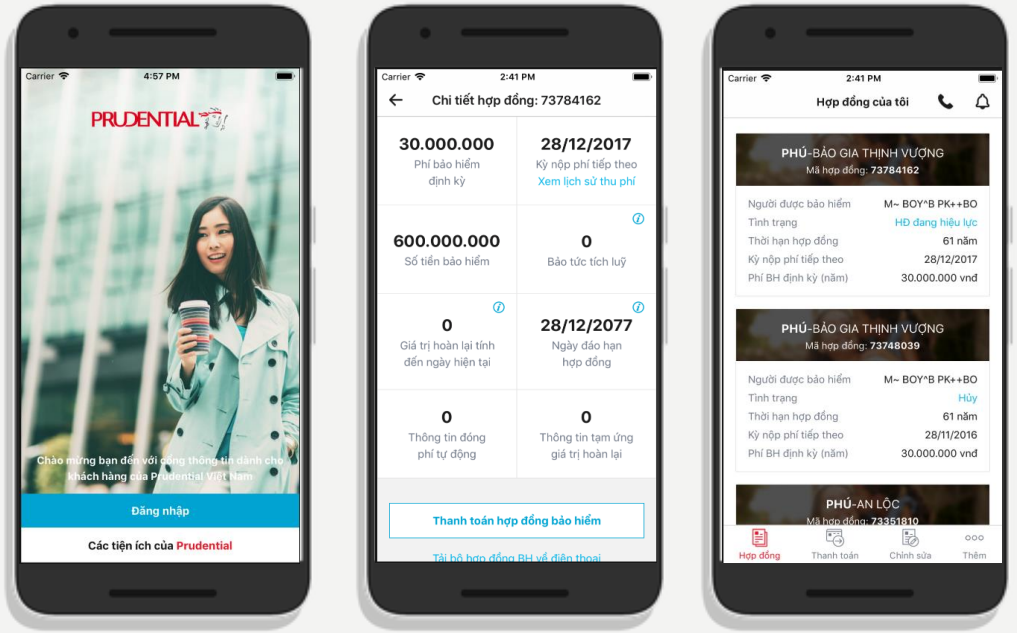
Point accumulation

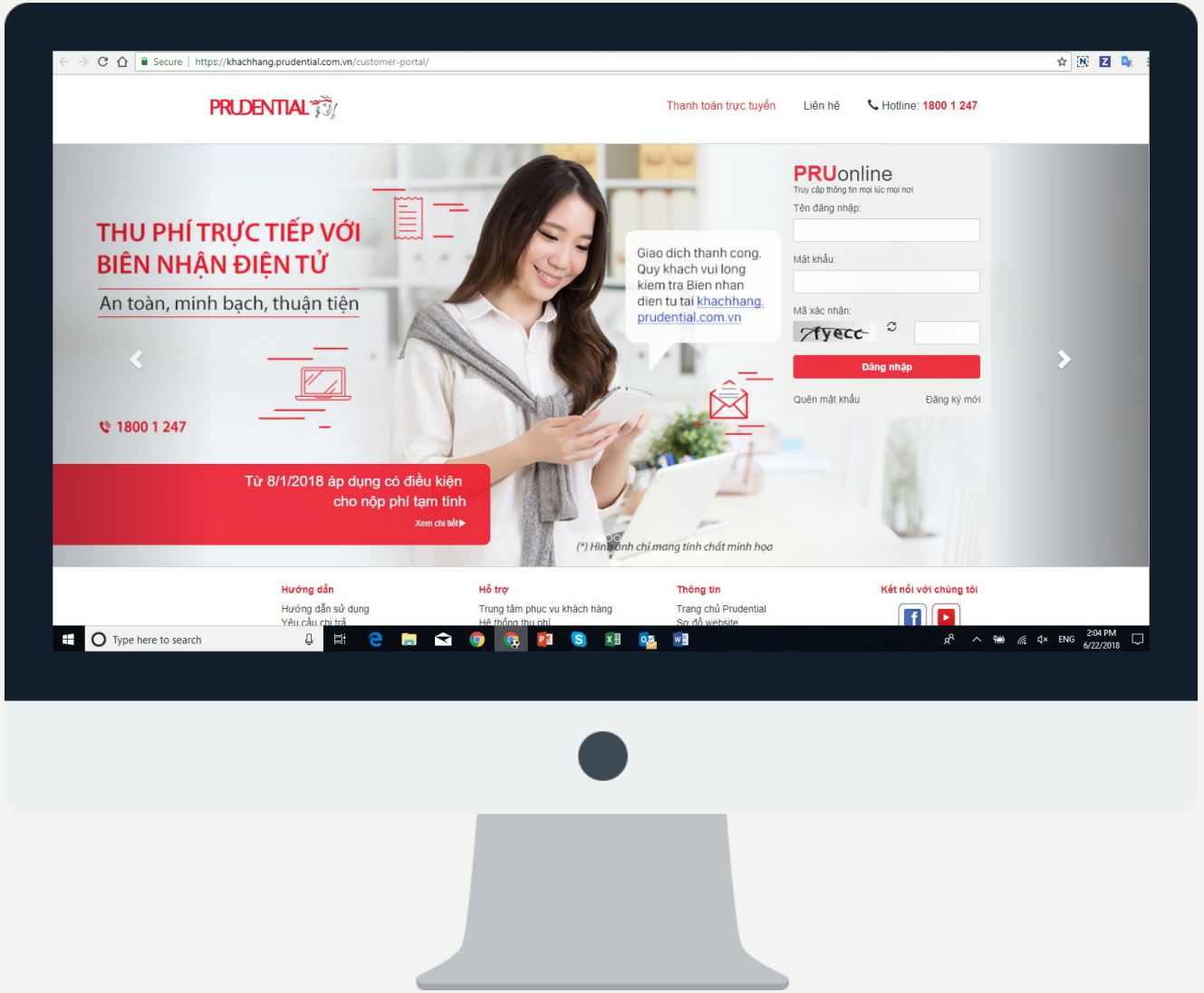
Customer Loyalty Program

PRU ONLINE

ONLINE CUSTOMER PORTAL

- Customer profile
- Policy (contract)
- Service control
- ...





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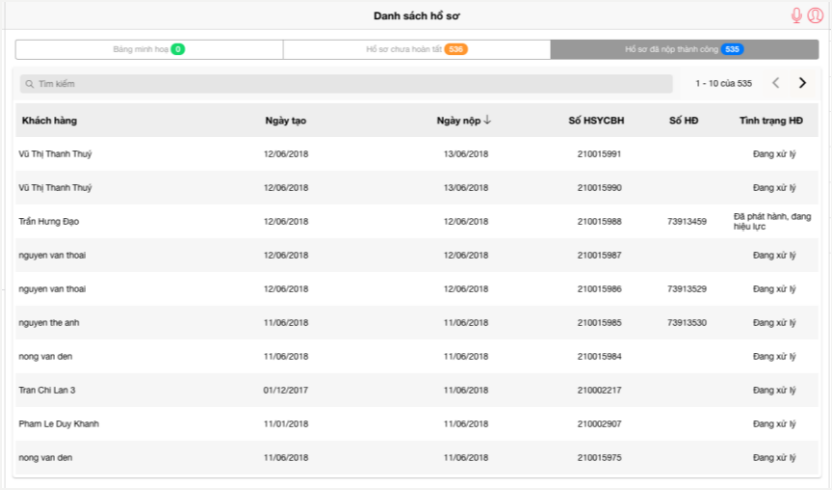
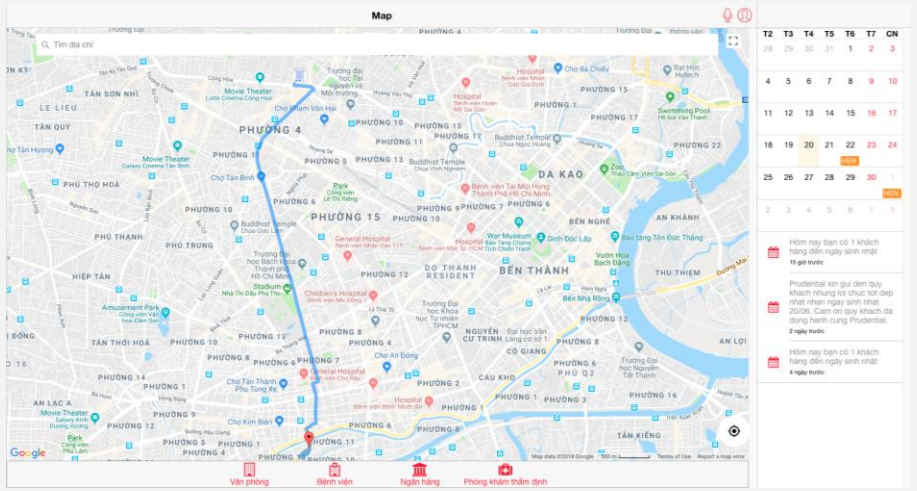
PRUDAILY

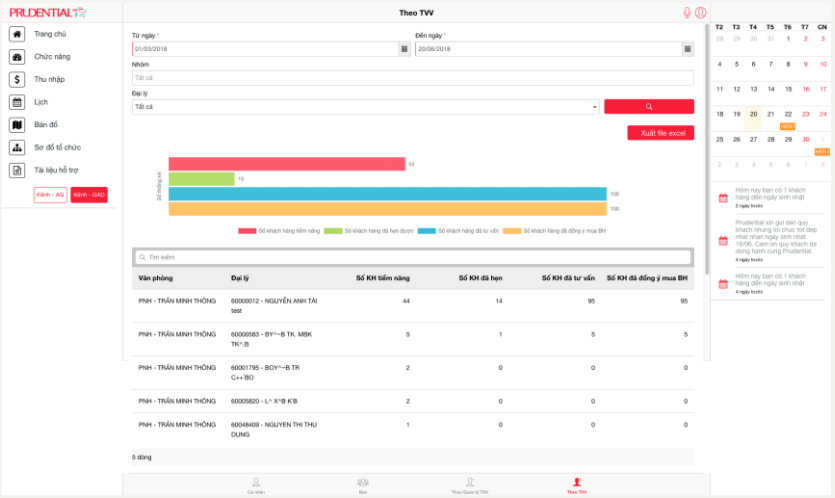
Prudential Agent



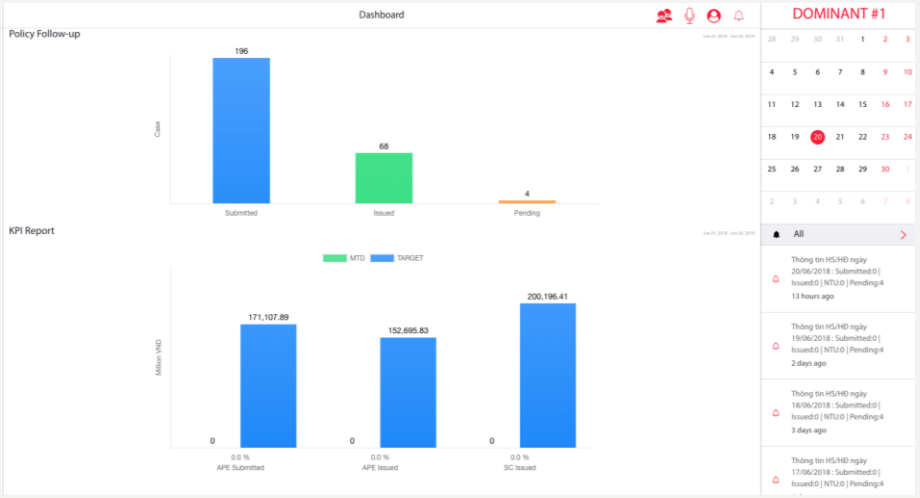
Client status



Daily plan & routing



Quotation & Policy



KPI & Ranking

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AIA LIFE INSURANCE

AIA is the largest independent publicly listed pan-Asian life insurance group – with a presence in 18 markets across the Asia-Pacific region.

- NO.1 WORLDWIDE for MDRT members (3 years in a row)
- WORLD 2nd LARGEST Life Insurer
- Total sum assured: over USD 1TRILLION

Ban Vien has 6+ years of experience in many projects with AIA

Team size: 6+ engineers

ORACLE DATABASE

ORACLE CLOUD

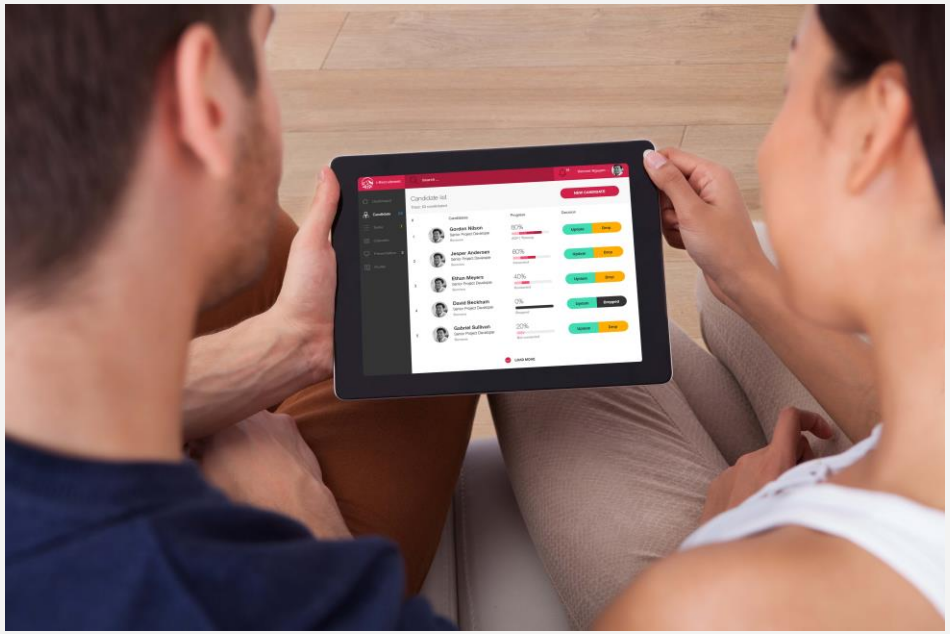
JBoss by Red Hat

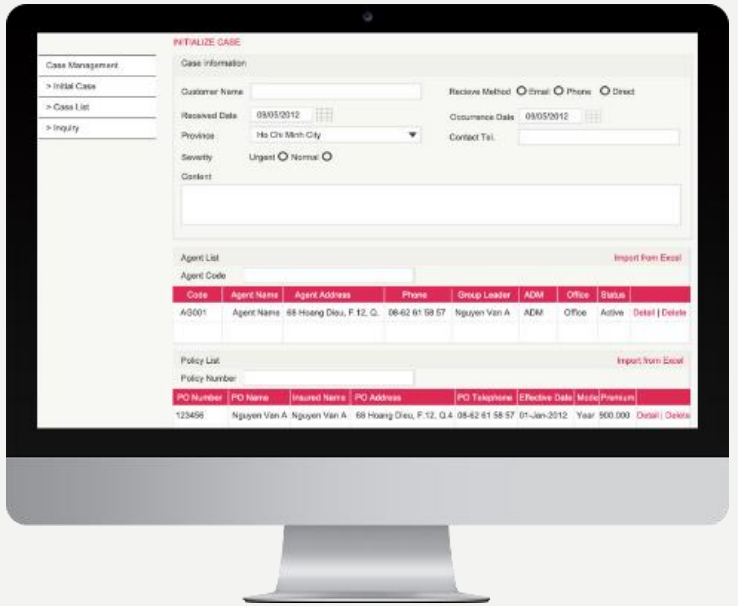
Java EE

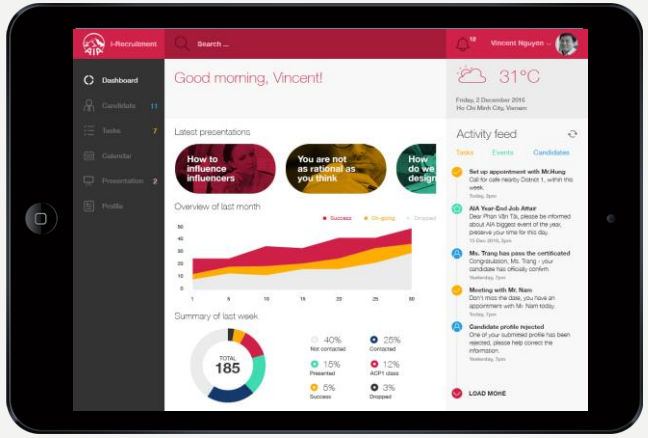
AIA LIFE INSURANCE

Project list

- Distributed Compliance Support
- Data Cleansing
- Upos
- Opx letter
- OLAS join
- C360



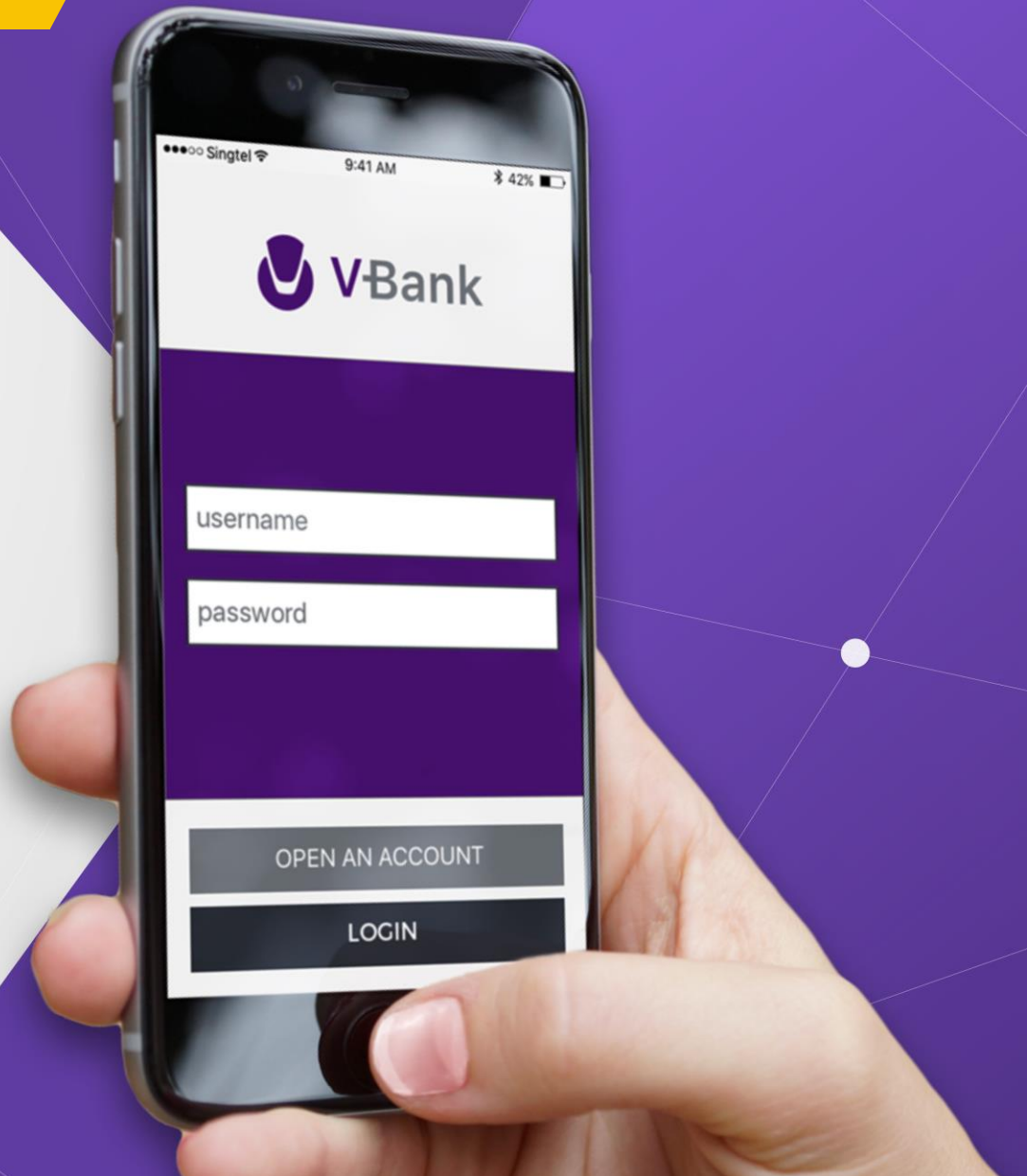




V-KEY – THE TRUSTED PLATFORM

V-Key

THE WORLD'S LEADING DEEP-TECH COMPANY **IN MOBILE CYBER-SECURITY**

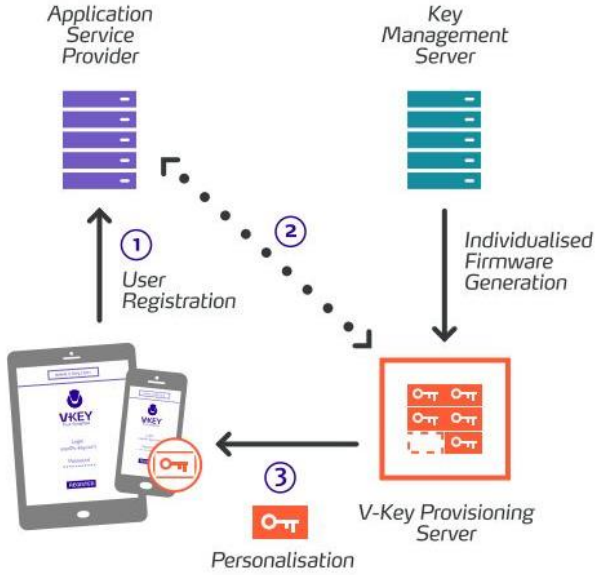


V-KEY – THE TRUSTED PLATFORM

Ban Vien offers software development service to build up the Trusted Platform, a Security Website System for Government, Banks, Enterprises and other users.

Project Highlighted:

- Modern architecture & technologies
- High performance: **90+ million** account with daily transaction



FIPS Level 1 Validated 140-2

CORE SECURITY Thinking ahead.

IIM Accredited

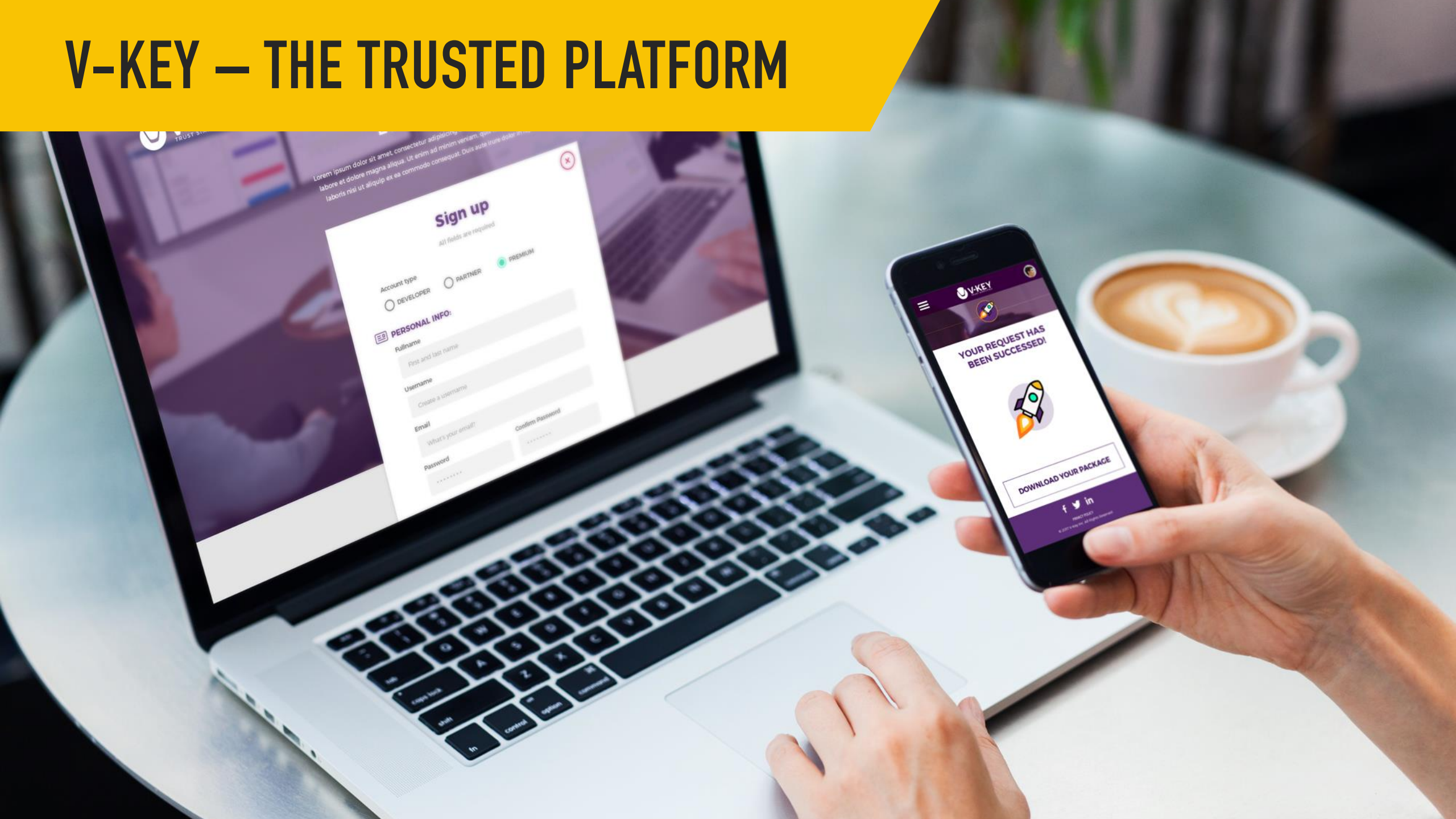
amazon web services

LoopBack.io Node.js API Framework

node

spring

V-KEY – THE TRUSTED PLATFORM



WILLIAM H.SADLIER-ELEARNING PLATFORM

Sadlier's one-stop learning platform, ***Sadlier Connect***, administrators, teachers, students, and parents can access free digital resources, eBooks, online assessments, and interactive editions anytime, anywhere, and on most devices.

- Interactive Editions
- Online Assessments

Project size: 40 engineers from 2013

amazon web services
Java EE
spring
HTML
ANGULARJS

REVENUE
12.1
BILLION EURO
2017 23,675
2016 21,927
2015 22,049
2014 22,368
2013 21,186
23,675
EMPLOYEES
MEMBER DAIRY FARMS
12,707
2017 12,707
2016 13,300
2015 13,542
2014 13,696
2013 13,887
100+
COUNTRIES
WITH
PRODUCT AVAILABILITY
FrieslandCampina
FrieslandCampina produces and sells consumer products such as dairy-based beverages, infant nutrition, cheese and desserts at more than 100 countries.

FCV – CDSM PLATFORM

(CUSTOMER DEVELOPMENT & SALE MANAGEMENT)

Client: **FRIESLANDCAMPINA**

Strong team of 30+ experience developers (5+ YoE)

A platform covers almost important operation activities of FCV:

- Business planning
- Distributor management
- Salesforce management
- Retailer management
- Shopper management
- Supply chain management
- Survey & Audit
- Report

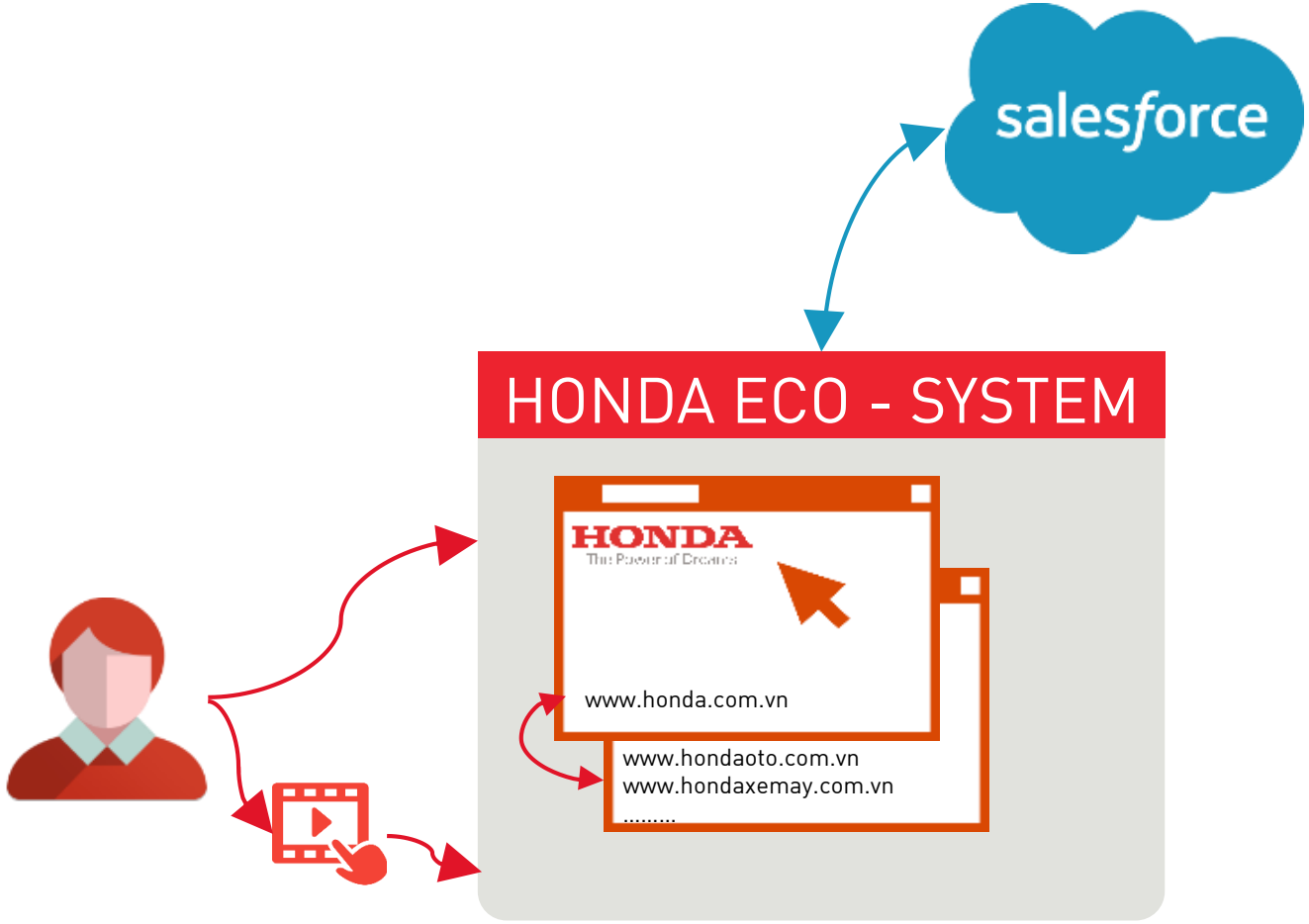
SAP® IBM AS/400 amazon web services android iOS

HONDA
The Power of Dreams

HONDA Vietnam: market leader in automotive & motorcycle

Being known as a progressive auto brand, Honda always has a high demand on newly-applied technology to let audience be surprised about their products.

Number of employees: 10,208
Factories: 3
Motorbike: 2.5 million/year
Car: 12.358 /year



CERTIFIED FORCE.COM DEVELOPER

salesforce

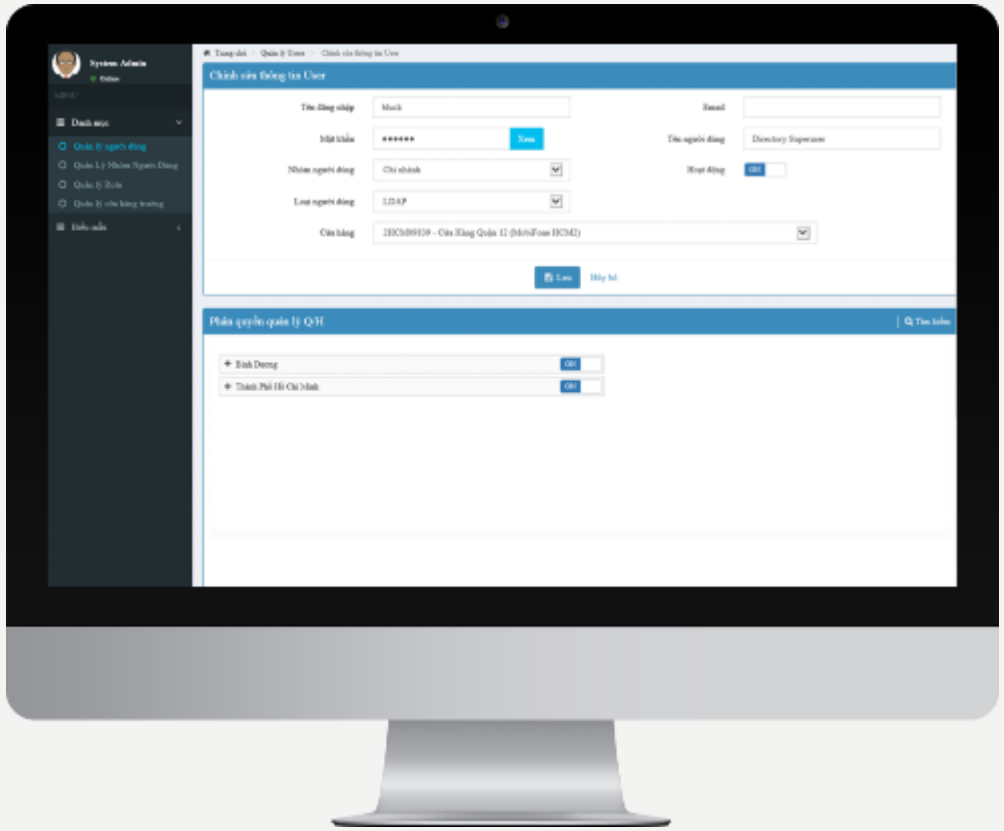
WordPress

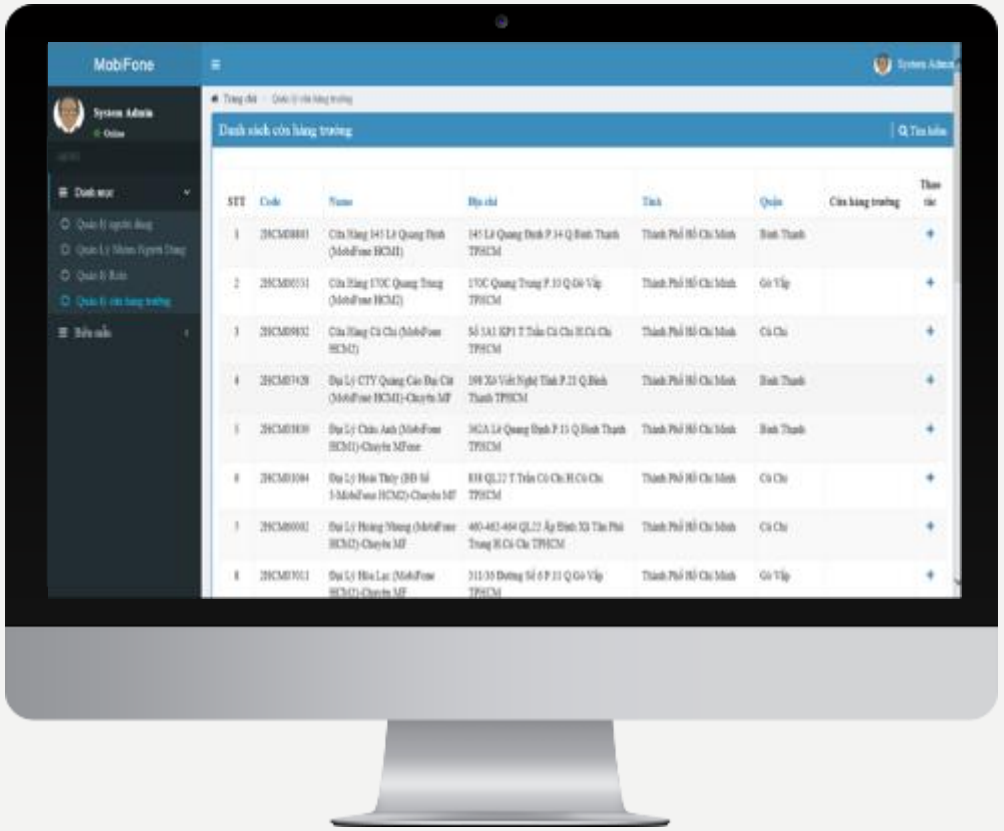
MEGANET – EMBEDDED DEVELOPMENT

MegaNet was founded in 2013 and is one of the industry leaders in large scale wireless networks in Vietnam.

From 2014, BanVien placed 3 developers onsite with MegaNet to supplement their team in an important special project. The result of that special project was the Megate product and a First Place win in the Nhân tài Đất Việt 2014 competition. Our relationship continues to grow, with us scaling to 15 developers at the moment.

VMS SIGNDOC-MANAGEMENT APP





Client:MOBIFONE

Challenge:

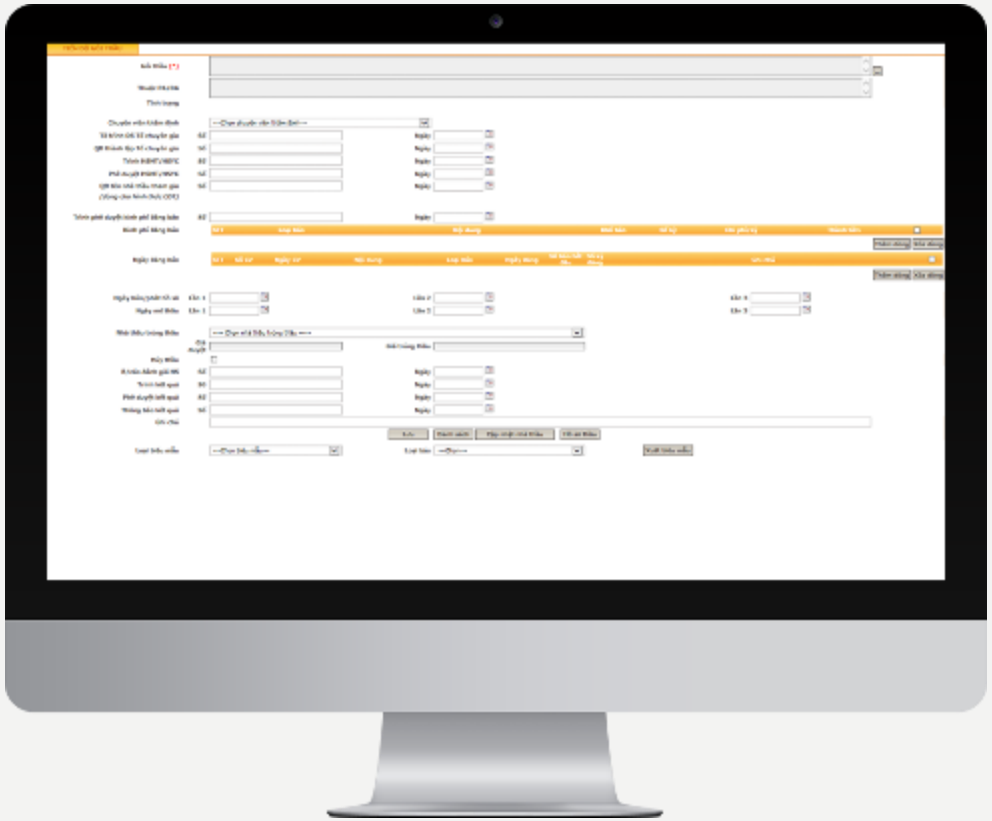
An online platform to support retailer shop management on updating and searching information quickly .The framework will support them to compose the validation form and signature , compare the registration information and data.
Backend application: Using Java,Spring.

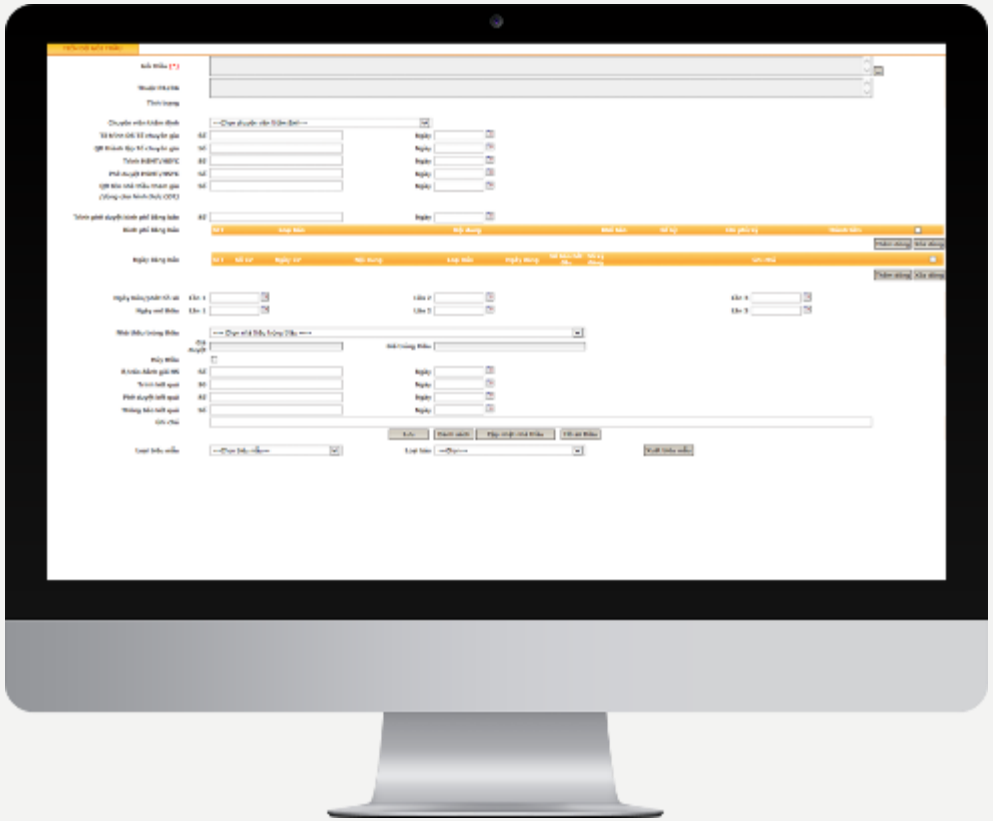
Project size 02 developers-01 month–CMS software

Result:

Ban Vien built a team was able to achieve 95% client's expectation within 01 month.

MOBIFONE-BIDDING SOFTWARE





Client: MOBIFONE

Challenge:

The system is designed with failover mechanisms and best Backup on the principles of Web Application Clustering together to ensure the system is always 24/24 (High availibility),meet the ability to access at the same time 700 connection. Backend application: Using Java,Spring, Hibernate

Project size

04 developers-06 months–CMS Software

Result:

We helped the client to deploy successfully a continuous integration and automated unit test, UI test system to ensure quality of code and reduce testing time.

VINCOM-LOYALTY APP

client: VINGROUP

challenge:

Users can share their love to someone by writing a passage and send it to the system managers. The three best passages in each day, each week and each month will be posted at the center of the page, where everyone can read them.
Technologies: React Js, Spring

project size:

02 developers –02 months

result:

This app gave extremely positive feedback for the product from users. We completed it within 01 month and it helps client service growing faster.

OFFICE LOCATIONS

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e-Future Technology

16 Kallang Place, #07-01/02/03, Singapore 339156

Email: customerservice@banvien.com

Website: www.banvien.com

THANK YOU