



## COMPANY CREDENTIAL - 2018



US

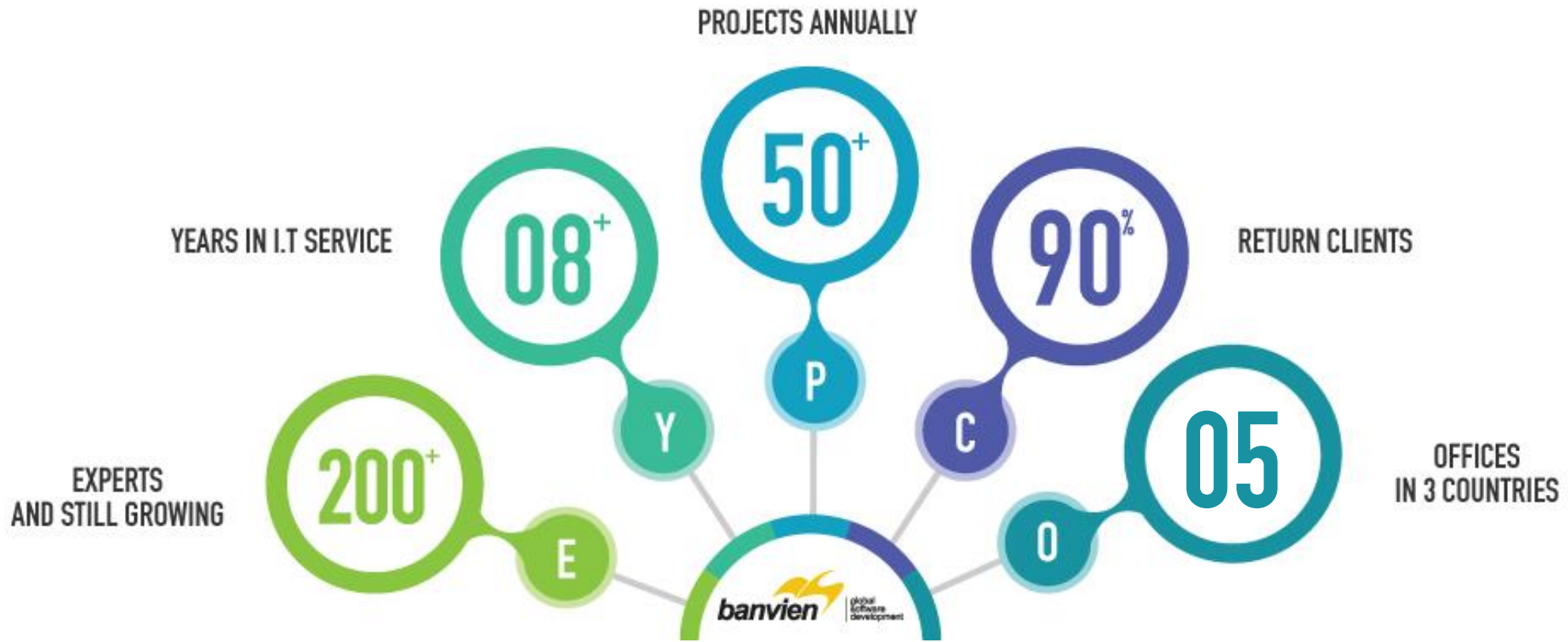
VN

SG

# TRUSTED TECHNOLOGY PARTNER

Ban Vien is an experienced company from Vietnam that specializes in providing embedded system and software development .

Established in March 2010 by a team of industry's leading experts come from global companies. We've grown to be a perfect mix of 200+ talents located internationally.





# TECHNOLOGY SOLUTIONS FOR BUSINESS

For over 8 years we've been bringing custom and platform-based solutions to mid-sized and large companies in many industries.



# GREAT COMPANIES LOVE US



We always try our best to stand out from the crowd of other software developments with the following approaches:



AGILE METHODOLOGIES



INDIVIDUALLY-TAILORED COLLABORATION APPROACH



END-TO-END SERVICES



GREAT BUSINESS ANALYTIC SKILLS



SUPERIOR CUSTOMER SERVICES

# END-TO-END SOLUTIONS FOR BUSINESS

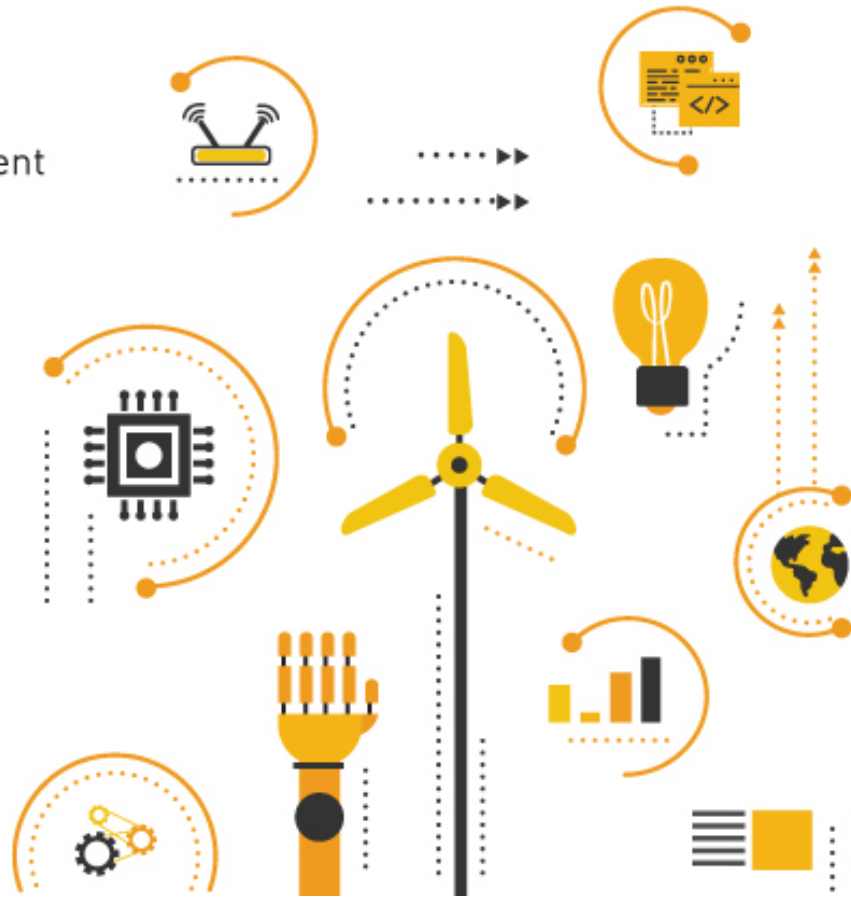
We not only design and build custom product but also be a partner with clients to create and support innovative solutions that help their business become a lasting success in the marketplace

## EMBEDDED SYSTEM

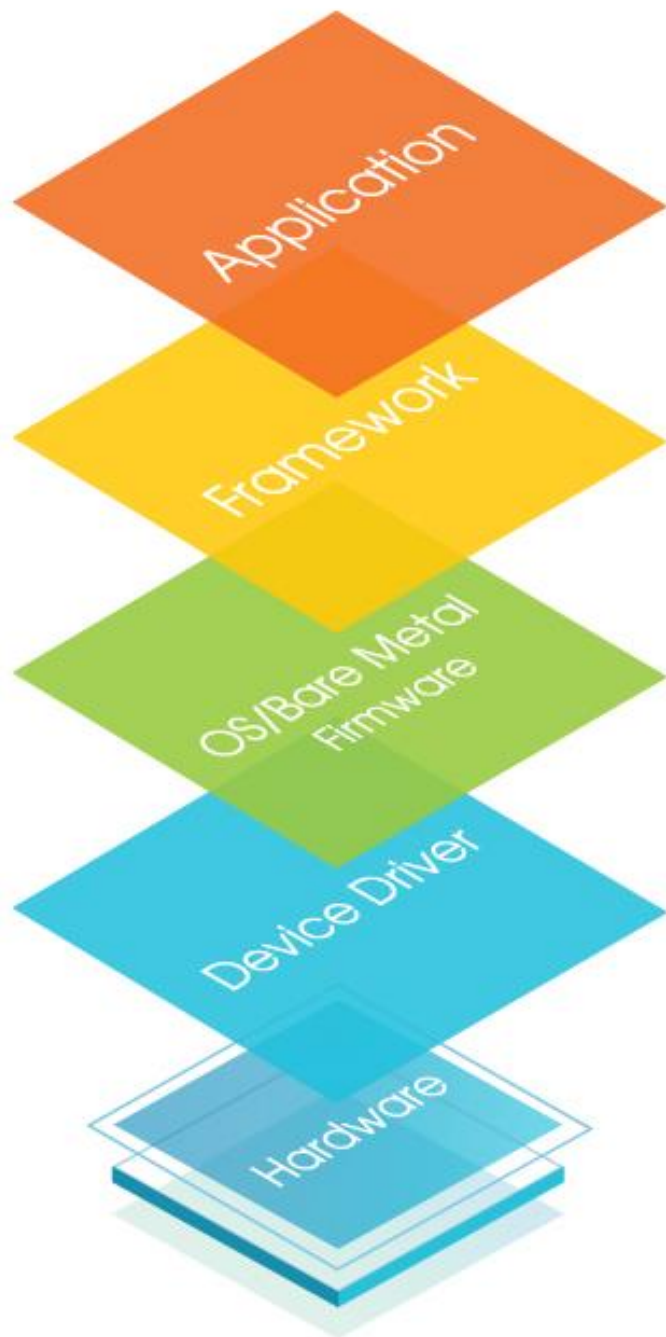
- Applications & Driver Development
- Support Tools Development
- Migration / Porting
- Hardware Design
- Testing
- Support / Maintenance
- R&D Service

## SOFTWARE DEVELOPMENT

- Enterprise software development
- Enterprise mobility solutions
- Digital business transformation
- Data transformation & visualization
- Business technology consulting
- Web application development







## 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 R&D Projects on basic software layer: 50+ engineers

(\*\*) Team size of MCAL & IDE Projects: 100+ engineers

# Expertise Stack

## TOOLS

GNU Toolchain

GreenHill IDE

Android Studio

Visual Studio

Code Warrior

OpenOCD

QtCreator

ESD Toolchain

# THE 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**



# TECHNICAL ABILITIES

## MOBILE



## EMBEDDED SOFTWARE

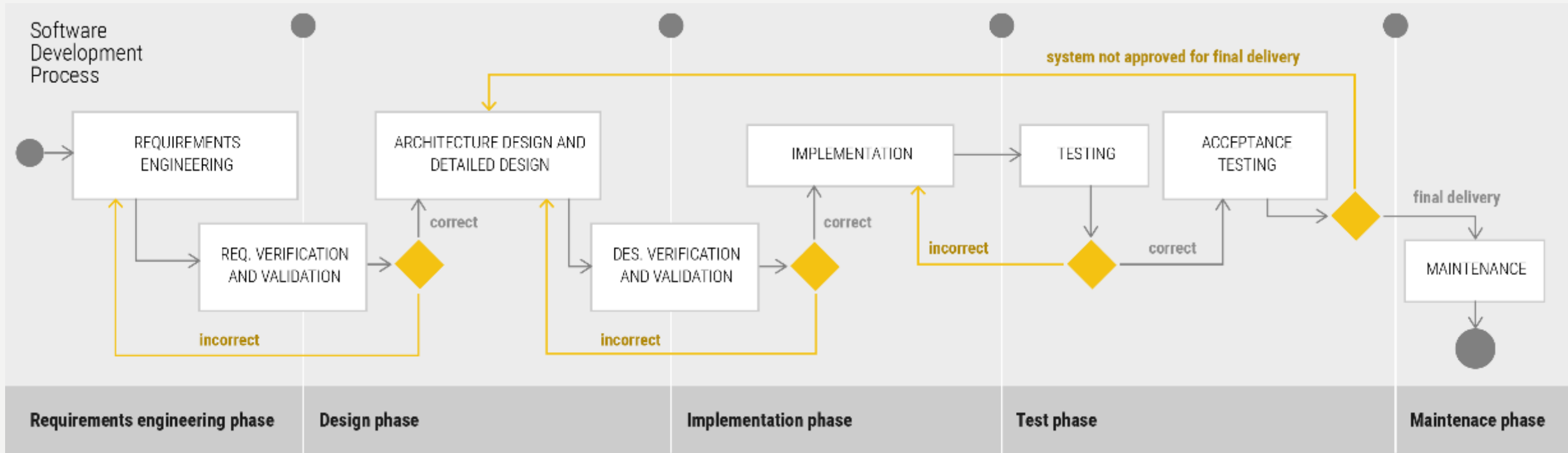


## WEB & SYSTEM



# Engagement processes

## Collaborative Process



# TRUSTED BY CLIENTS

RENESAS

SadlierConnect

triumphlearning<sup>™</sup>  
Coach | Waggle | Buckle Down

DESTINO<sup>™</sup>



mobifone  
mọi lúc - mọi nơi

NOKIA



Client satisfaction is our highest goal, strike the best in every single project  
to help them pursue success, is our core mindset

**OUR WORKS**  
**JUST SOME OF**





## RENESAS R-CAR PROJECT

Embedded Development



## MEGANET – MEGATE

Embedded Development



## V-Key – The Trusted Platform

Software based Digital Security



## FCV – CDSM Platform

Enterprise Retailer Management Solution



## HONDA - Salesforce

Customer Relationship Management System



## SADLIER CONNECT

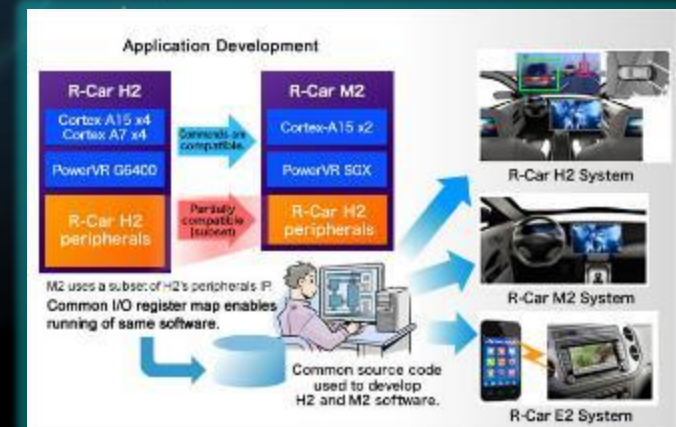
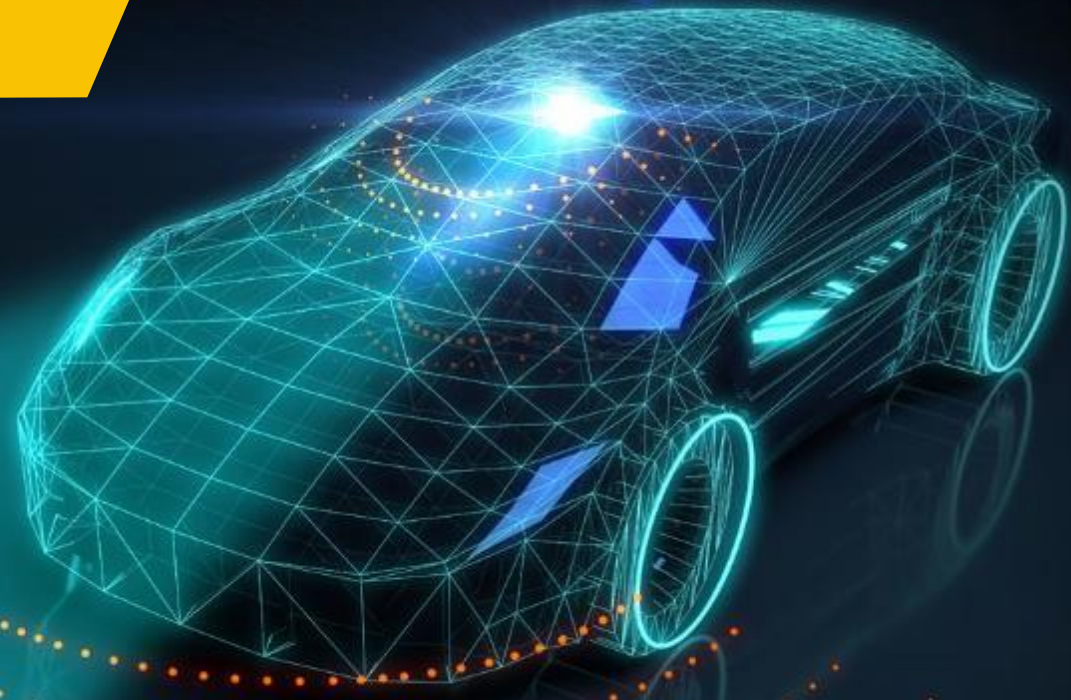
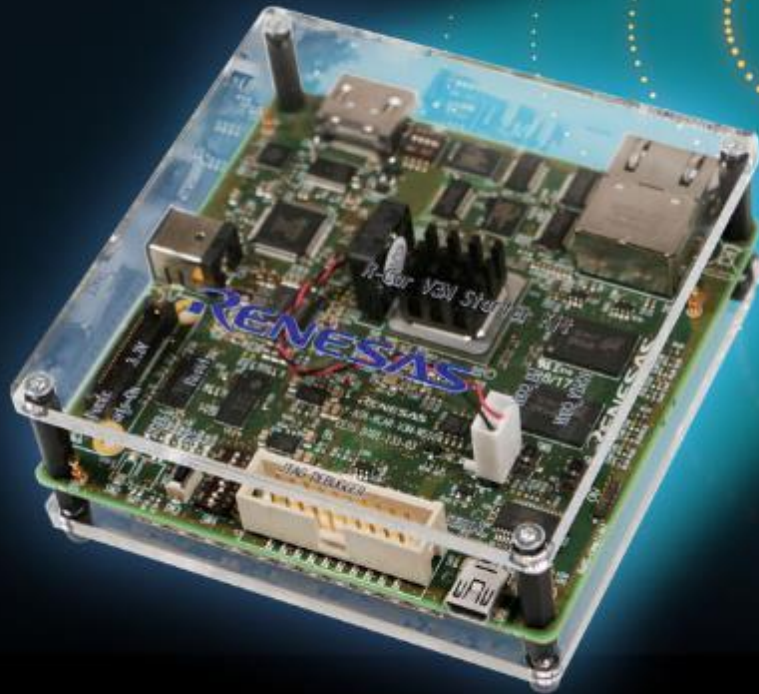
Enterprise e-Learning Solution



# RENESAS ELECTRONICS

## Renesas MCAL RH850

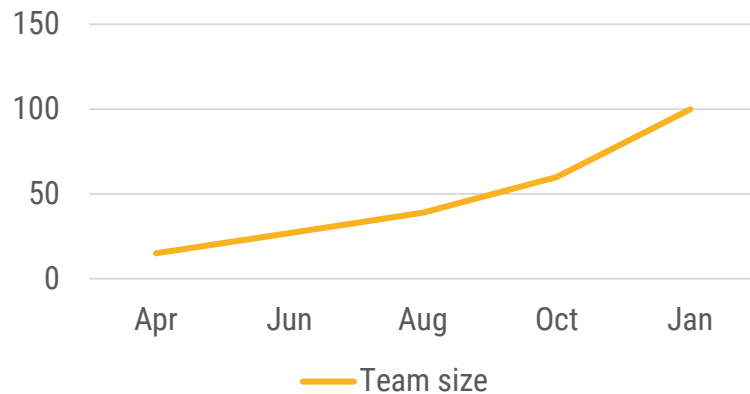
- ❖ Large scale of 100+ experience developers
- ❖ High skill level & continuous training required
- ❖ Stable & Professional management model



# RENESAS ELECTRONICS

## Growing fast & strong

Team size from April 2017



Current Developer Team

100+

Headcount

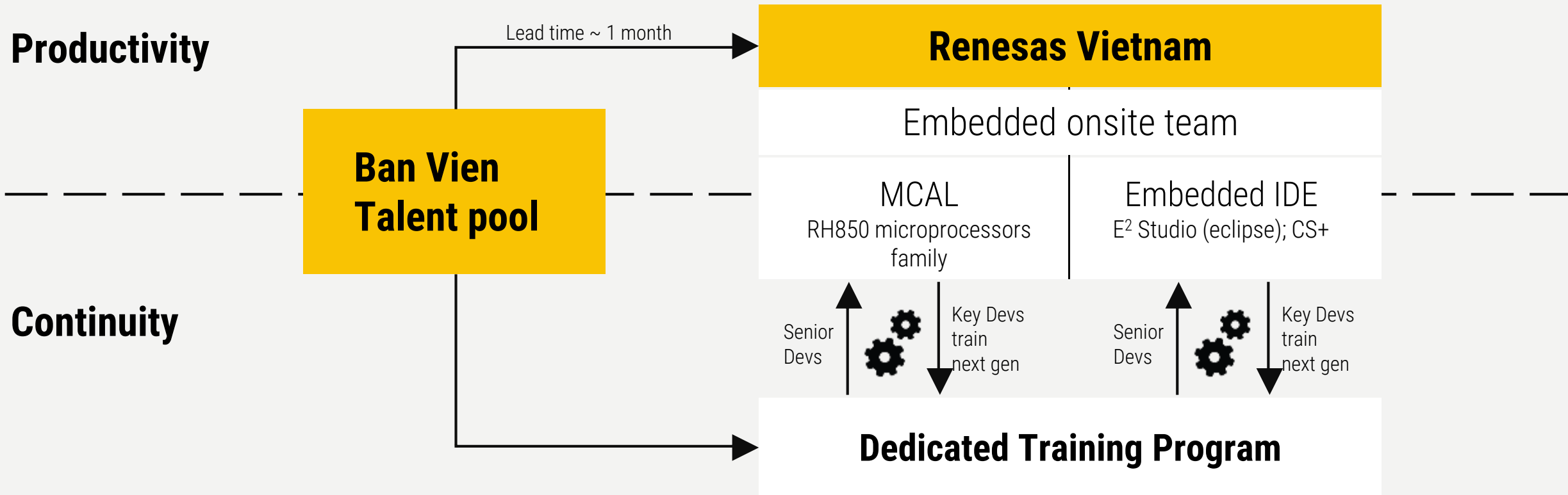
Average Years Of Experience

5

YoE

# RENESAS R-CAR PROJECT

## Resource planning strategy





# RENESAS R-CAR PROJECT

## Secured & Stable

QUALITY  
*is the* KEY

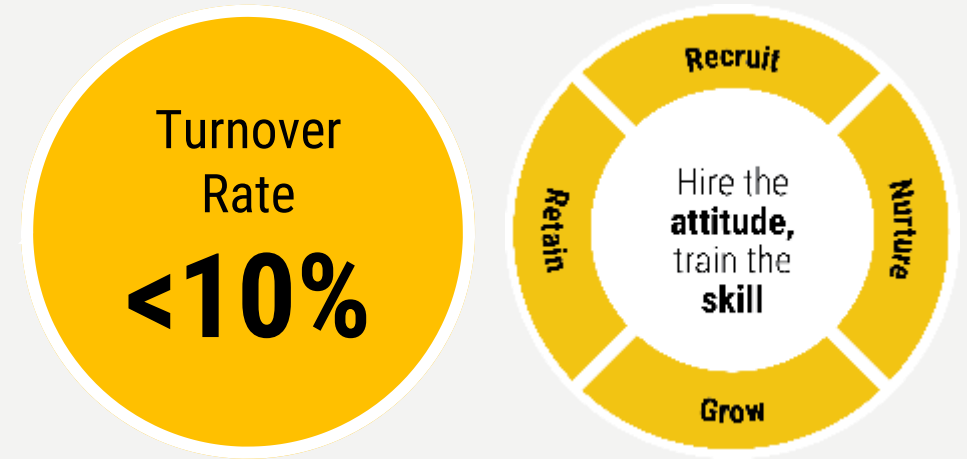


Information Security  
Management System



Road Vehicle –  
Functional Safety

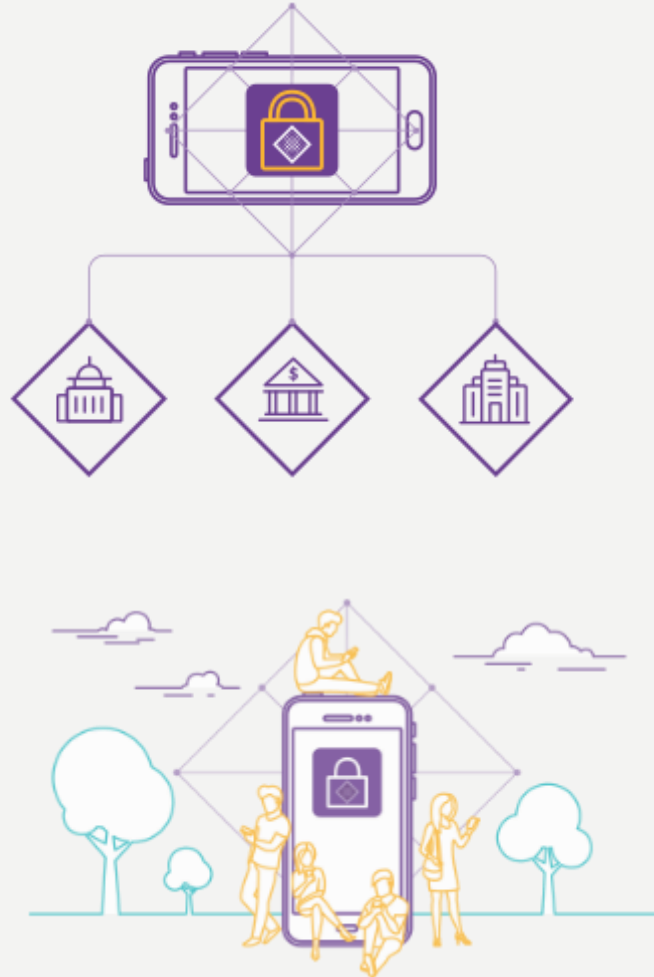
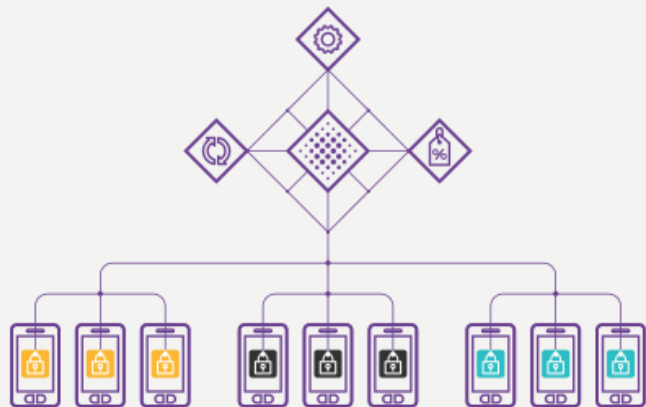
## EMPLOYEE SATISFACTION



# V-KEY – THE TRUSTED PLATFORM

Developing a ground breaking products offer banking and government-grade security, alongside convenience and ease of use for anyone with any level of familiarity with digital security systems:

- ❖ Government
- ❖ Banking
- ❖ Enterprise

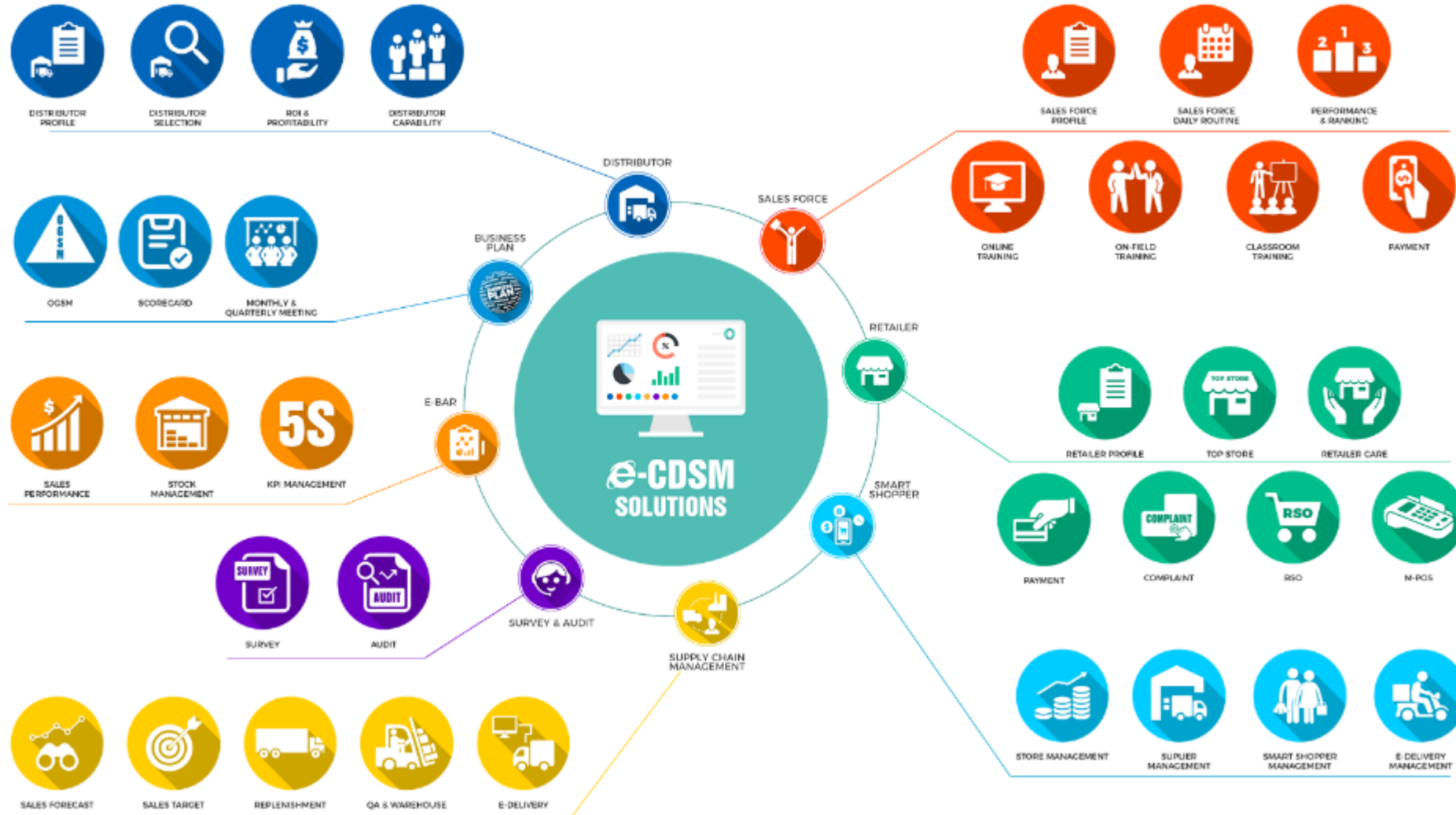


Project Highlighted:

- ❖ Modern architecture & technologies
- ❖ High performance: **9+ million** account with daily transaction

# FCV – CDSM PLATFORM

(CUSTOMER DEVELOPMENT & SALE MANAGEMENT)



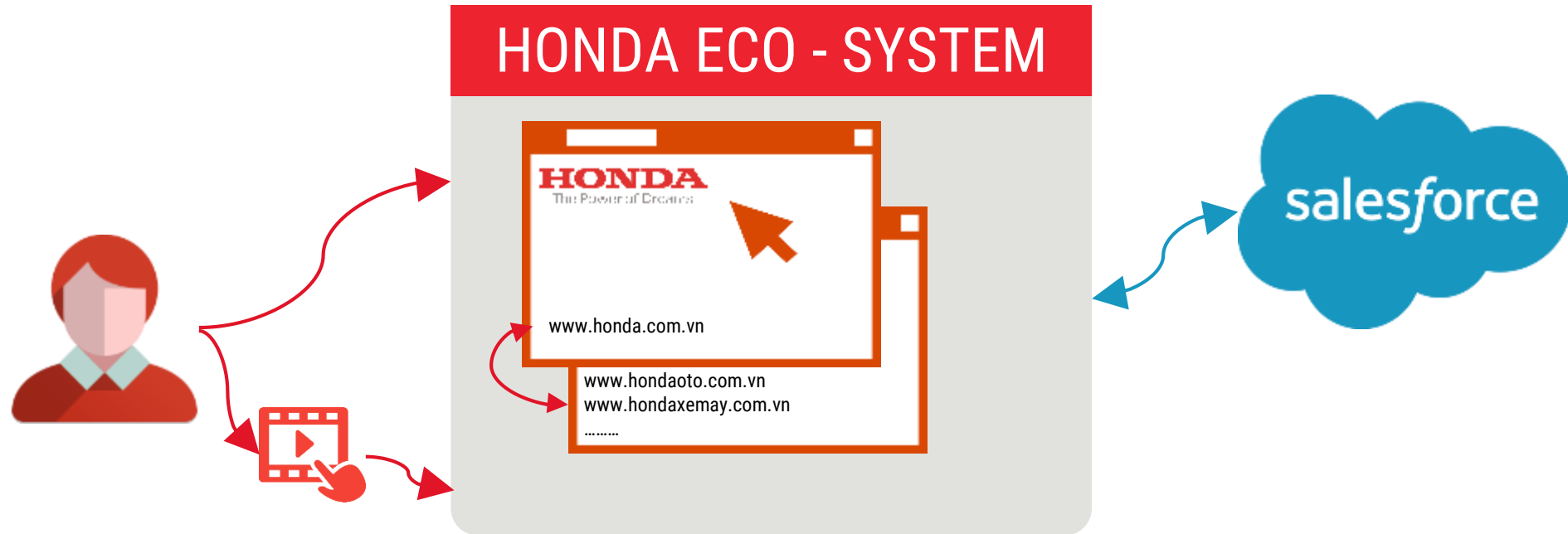
Client: **FRIESLANDCAMPINA**

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

Big platform cover almost important operation activities of FCV:

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

# HONDA – SALESFORCE



**Client:** HONDA VIETNAM

## Project team

- 01 UX/UI designer
- 05 developers
- 01 system administrator
- 01 project manager – 04 years



## Challenge:

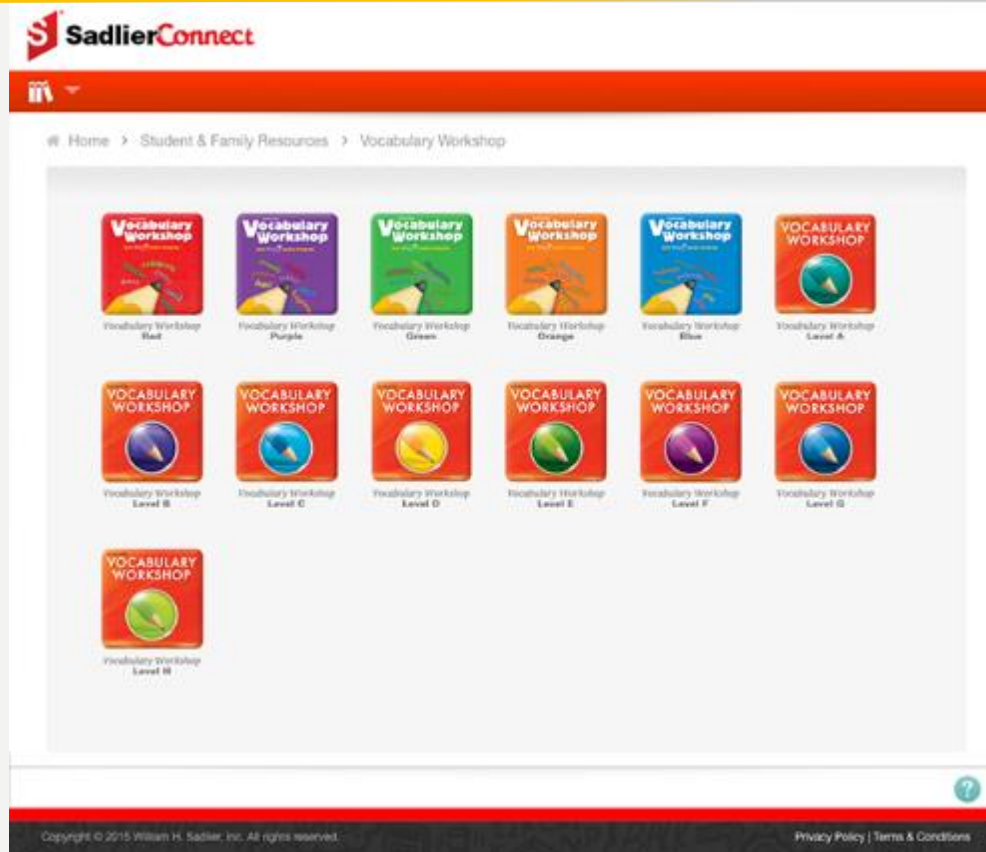
Develop a digital platform for Honda Vietnam, to create meaningful touchpoints to their customers, partners via the internet

## Result:

The system was launched successfully on time, including many websites, microsites & app that support various purpose (branding, marketing, CRM, partnership management).



# SADLIER-ELEARNING SOLUTION



client: SADLIER

## challenge:

This project is to develop a solution education online though one networked computer connected to server elsewhere have kept available electronic lectures and software need to be able to ask/ request/ the topic for study online distance learning staff.

Technology used on ASP.NET, Entity Framework, C++, MVC Framework, JQuery, Bootstrap

## project size:

40 developers – 2010 to now

## result:

Ban Vien create an agile working environment to helps client ensure time to market releases.

Ban Vien works closely with the CTO and build the new solution / technology for education market.



## CONTACT US

**VN**

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### **TECHNOLOGY INCUBATION CENTER**

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Orlando, FL 32817

**SG**

### **E-FUTURE TECHNOLOGY PTE. LTD**

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

A world map composed of blue dots on a yellow background. A dark grey horizontal band runs across the center of the image, containing the text "THANK YOU" in white, bold, sans-serif capital letters.

**THANK YOU**