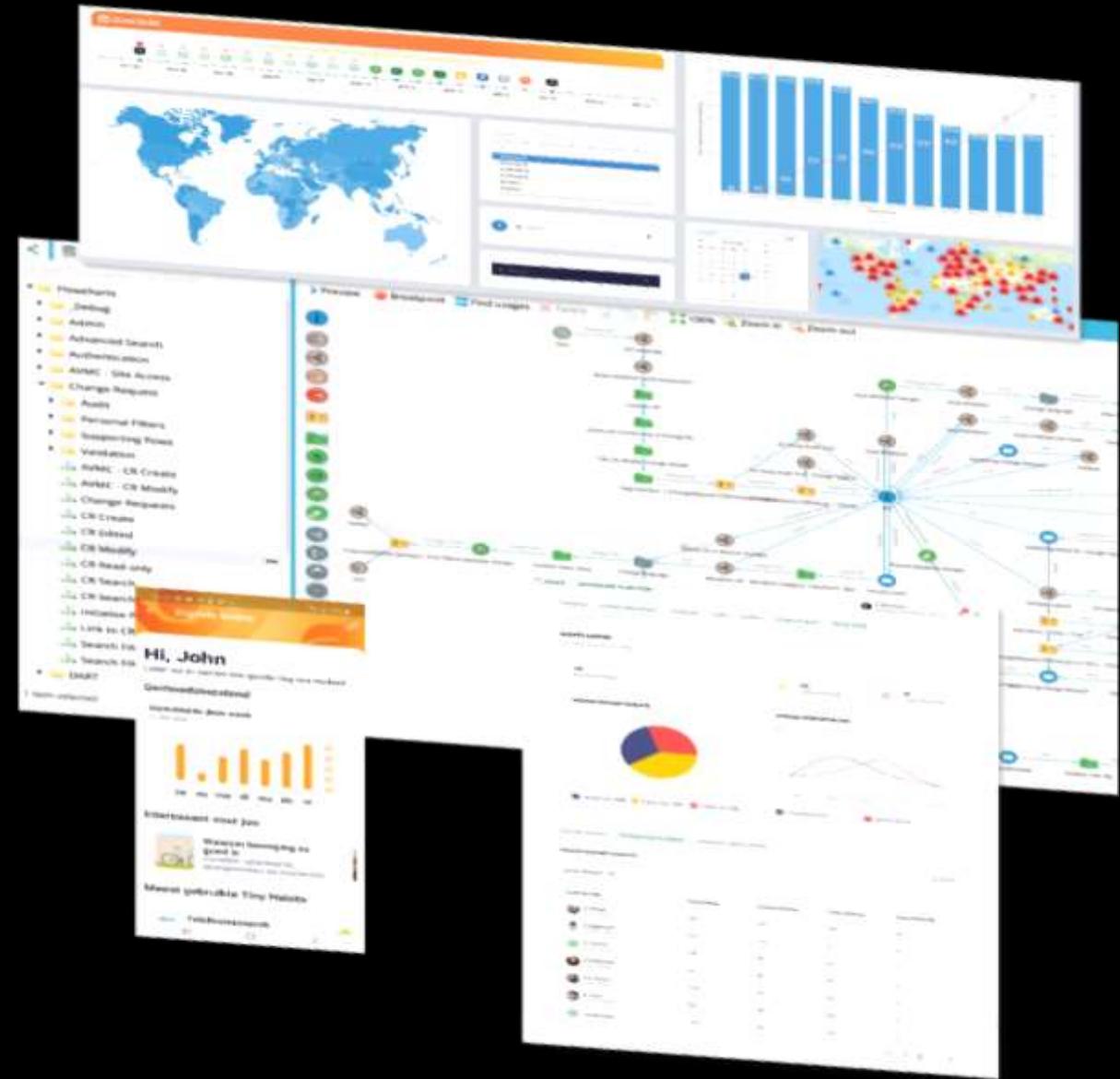




S-Square - LowCode/NoCode (LC/NC) Enabling Technology Presentation

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VP, Sales & Customer Success

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Current Challenges in Traditional Application Development

Long Development Timelines

- Custom development with standard SDLC processes
- Long incubation period before seeing a MVP
- Minor changes require long turn around time for design, build and testing.

High Capital Expenditure and Operating Costs

- Investment in Software platforms and Infrastructure for custom development
- Higher support costs due to diverse support requirements

Disparate Technology Landscape

- Multiple small projects using disparate technologies
- No uniform platform to manage small developments

Developer Shortages

- Developer shortages and skill-set challenges
- Multiple small productivity projects get deprioritized

6 Generations of Programming Languages

First generation (1GL) - machine-level programming language used to program first-generation computers

Examples: machine-level programming languages

Second generation (2GL) - assembly languages. Examples: Assembly

Third generation (3GL) - more machine-independent (portable) and more abstract therefore more programmer-friendly than previous generations of languages

Examples: Fortran, COBOL, BASIC, Pascal, C, C++, Perl, Python, Java, JavaScript, Ruby, PHP, C#

Fourth generation (4GL) - include support for database management, report generation, mathematical optimization, GUI development, or web development. Examples: ABAP, Unix Shell, SQL, PL/SQL, Oracle Reports, R

Fifth generation (5GL) - any programming language based on problem-solving using constraints given to the program to make the computer solve a given problem without the programmer, rather than using an algorithm written by a programmer. Examples: Prolog, OPS5, Mercury

Sixth generation (6GL) - programming language based on visual development. The overall umbrella term for these is "NoCode". Examples: Appian, WEM.io, Bubble.io

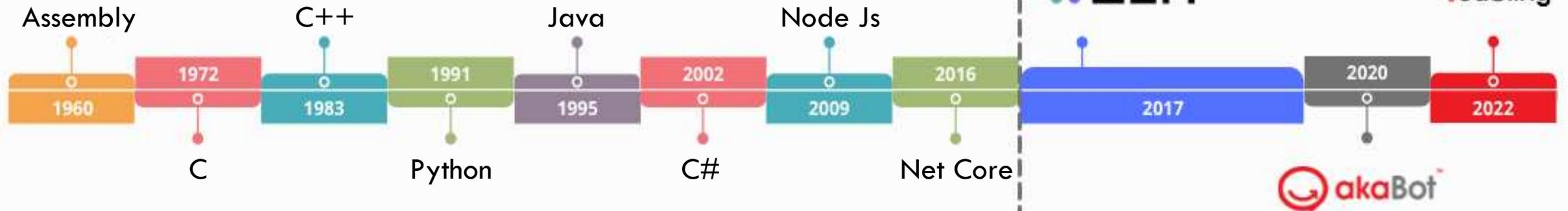
Reinventing Software Development

Traditional Coding

Requiring expensive, hard to retain code-linguists

No-Code

Empowering transforming support to employ business-knowledgeable techno-functional resources



Traditional computer languages require programmers to translate their thinking process into code built for the CPU and memory

Optimized for how we humans think. Converting natural thinking process into working software

Digital Transformation. Legacy Modernization. Business Velocity.

80%

COST REDUCTION

Empowers employing business knowledgeable (techno-functional) resources instead of costly, hard to retain code-linguists to build, deploy and maintain secure scalable enterprise-grade software.

10%

FASTER TIME-TO-MARKET

View app development in real-time. Deploy and update applications with a single click. Deliver software 10 times faster than traditional programming methods.

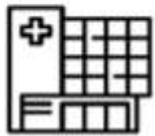
100%

ALIGNED TO BUSINESS

Translate innovative business ideas to custom software built with no code app builder at the speed of, and fully aligned with, business requirements.



Banks,
Financial
Services and
Insurance >



Healthcare >



Telecommunication
>



Education &
Training >



Manufacturing
>



Public Sector
>



Automotive
>



Real Estate
>

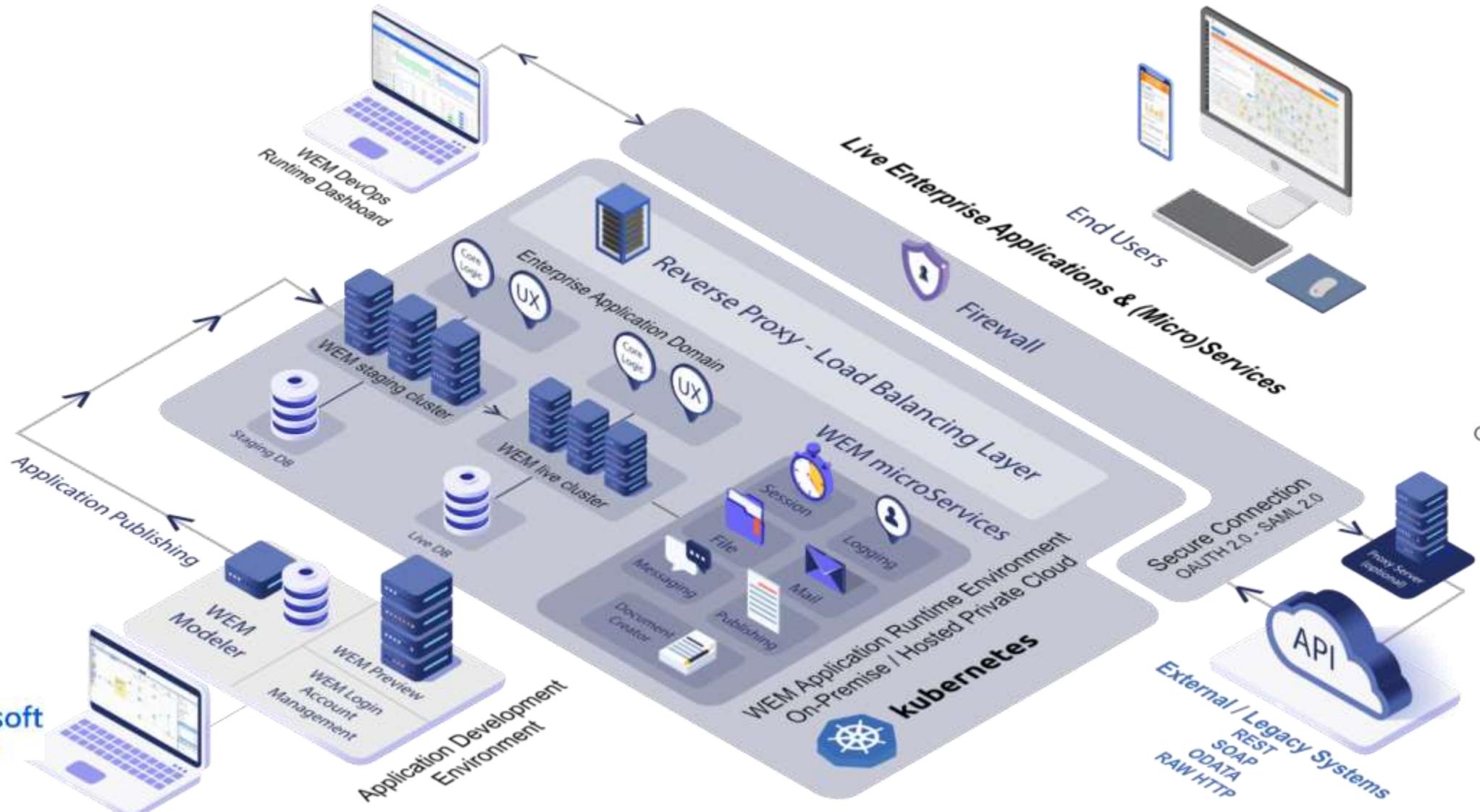
SCALABLE, SECURE CLOUD ARCHITECTURE



Google Cloud Platform



IBM Cloud



FLEXIBLE DEPLOYMENT OPTIONS FOR SHARED HOSTING, ON-PREMISE APPLIANCE AND PRIVATE APPLICATION CLOUD

3rd Party LCNC Marketplace Product Evaluation



Criteria	WEM	Betty Blocks	Power Apps	OutSystems	Mendix
Category	No Code	Low code	Low code	Medium to high code	Low code
Platforms	Web, native apps	Web apps	Web, native apps	Web, native apps	Web, native apps
Data Model	Drag & Drop	Visual Editor	Tables	Visual Editor	Visual editor
Visual Editor	Web-based	For backend apps	Web-based	Many designer	Web-based, desktop-based
Workflows	Drag & Drop	Action Modeler	MS Flow	Visual modeler	Visual modeler
Look & Feel	Custom templates	Custom js/css/html	Customizable	Custom js/css	Custom js/css
Environment	Public, private cloud, on premise	Public cloud, on premise	Public, private cloud, on premise	Public, private cloud, on premise	Public, private cloud, on premise
Release Management	Fully	Fully	Partially	Fully	Fully
Integration	All API standards	JSON, SOAP/REST	Office365, REST	SOAP/REST	SOAP/REST

Use Case – Agricultural Machine Manufacturer Supplier Management System Application Modernization



This is a Dutch agricultural machine manufacturer, based in the Netherlands. It is an international family business in the agricultural sector, and they work towards making farmers' lives easier with innovative solutions and tailored services. They offer solutions for almost all activities of the cowshed: from milking to cleaning.

CUSTOMER CHALLENGES

- A new application that can replace their old PHP-based application.
- They needed different role-based approvals to add a new Supplier inside the database.
- It required integrated APIs to software APIs and external services like EU VIES VAT validator, IBAN validation, etc.
- Specific and highly process-oriented workflows and business logic.

WEM ADVANTAGES

- **From an old PHP system to an easy to use and no-code web environment to be maintained by non-IT skilled employees;**
- **Agile development, week to week results, short time to market (live in 3 months);**
- **Use of existing data from legacy systems/integration with legacy systems;**
- **Cloud solution offers flexible workspaces (not tied to a location);**
- **Easy to extend application;**
- **Fast return on investment.**

PROBLEM

The company needed a new application that can replace their old PHP-based application and highly processed oriented workflows and business logic. They needed an application that could also maintain high-quality supplier data on the database.

SOLUTION

A new application that replaced their existing PHP-based application was made with WEM that had a lot of new features and additions. The application was globally rolled out being used by users from 40+ countries. The application was integrated with 4 different role-based approvals to add a new Supplier to the database. The new application has totally integrated APIs to enterprise software APIs. This application was created to maintain high quality supplier data in the company's database and bring in a transparent and foolproof approval process flow within the organization.

Representative WEM Enterprise Customers



Thank You

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