

Announcing: Visual LANSA Version 14 – a fundamental change to the web development paradigm

For nearly three decades, LANSA has ridden at the forefront of each new wave of Information Technology, and has delivered a capability to software developers unmatched by our competitors who have come and gone over the years. Version 14 is a major milestone release to our flagship product Visual LANSA.

Visual LANSA

The new Version 14 of Visual LANSA provides such a fundamental change in the web development paradigm, that we call it a game changer.

Visual LANSA allows web developers to build Single-Page Applications (SPA), which is the equivalent to building a client/server app, but instead of the UI being a rich-client interface talking to a server, the client is a browser.

Single-page web applications run entirely inside a browser and the only time a server is accessed (asynchronously) is for reading/ updating/ deleting data or executing server-side logic. Users will find a noticeable performance improvement, because there is no need to refresh the entire web page with SPAs – it's a like super-fast desktop style application running in the browser.

Traditionally, web developers need to know several development languages and technologies, and they differ depending on whether developers are writing code for the browser, the server, or making the two communicate.

Visual LANSA allows developers to use the same productive high-level language across the board. Everything is now contained within the LANSA environment. There is no need to drop down into HTML, JavaScript, or CSS code.

Not only does this drastically reduce the number of skills a company needs to employ, but it also increases developer productivity – empowering them to produce more web applications than before.

VLF-ONE

VLF stands for Visual LANSA Framework which has been around for a while. VLF-ONE is the newest version and is built on top of Visual LANSA.

VLF-ONE lets developers build the infrastructure and underpinnings of an application very rapidly, so they can spend the majority of their time working on the portions of the application that are unique and matter. It allows developers to assemble commercial grade software quickly with minimal coding and generates high quality applications with a consistent appearance and behavior. It facilitates the prototyping, design, test and implementation phases and allows developers to assemble applications by snapping them into the framework.

VLF-ONE has a totally new user interface and gives users full control over where to position the panels on the screen.

Cloud Offering

In addition to being able to deploy applications to Windows, IBM i and Linux servers, Visual LANSA-based applications can also be deployed to the cloud (Amazon Web Services and soon Microsoft Azure).

Moreover, developers have the option to develop and test their applications in the cloud, meaning they no longer need to have Visual LANSA installed on their PC.

Native Mobile App.

Visual LANSA developers can now create hybrid mobile applications. A hybrid mobile app is, in a nutshell, a native app container that allows you to host web pages inside of it. It allows developers to use their current web skills to build native-style mobile applications.

The Duro-Last case study on page 4 provides a good illustration of Visual LANSA and the LANSA Native Mobile app being used together.

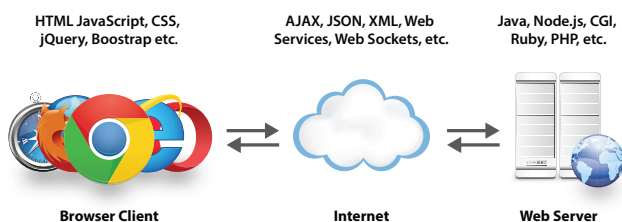
In Summary

Visual LANSA provides web developers with:

- Single Language – data access, business rules, server-side and client-side logic in one language
- Responsive design – multiple layouts for different size screens from a single code source
- Rules Engine – a single place to put rules/logic that are enforced to all your applications, whether deployed on smartphones, tablets PCs or all three.
- Browser agnostic – no coding for browsers
- Hybrid deployment without PhoneGap
- Async – all your LANSA web apps are automatically AJAX enabled.

Whether you are new to web development or are trying to stay up-to-date with continuously changing web technologies, you're going to have to learn something new. You may just as well make it LANSA, a tool that has proven to evolve for nearly thirty years.

SO MANY LANGUAGES, SO LITTLE TIME.



ONE LANGUAGE. ALL THE TIME.

