

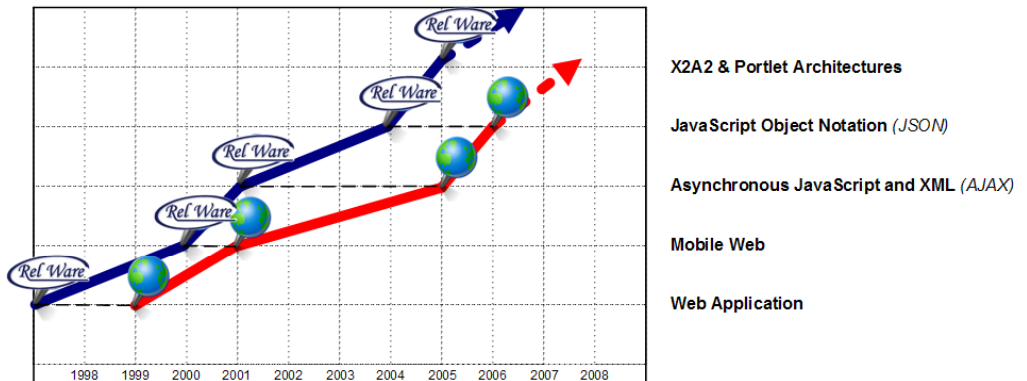
# Leading Technology

*"Vision is the Ability to See What is Possible Before it Becomes Obvious."*

*-RelWare Development*

## Follow Our Lead, As We Bring Technology to You

*RelWare's Adoption of Technology as Compared to Industry Standards*



### RelWare's History in Technology

Reliance Software, or more commonly, RelWare, is a software development company that prides itself in being started and run by software developers.

*"Vision is the ability to see what is possible before it becomes obvious."* This has been a driving statement for our development. We continue to research technologies, embracing the ones that we see have long-reaching potential, and leaving the rest.

We also make sure not to leap too quickly, being able to spot the difference between technologies that are on the "leading edge" as versus those on the "bleeding edge".

For instance, our founders wrote their first enterprise Web application for General Motors in 1996. The following year, they wrote their first clinical enterprise Web application for Trinity Health, called Clinical WorkStation. In 1998, we formed as a company and began CDR-Web®, our first commercial Web application.

### RelWare's History in Technology (cont.)

CDR-Web began as a Clinical Data Repository, brought via a Web-based interface. We had seen that Web applications were the way of the future, and that vision has not changed.

In the year 2000, while everyone was worried about Y2K, we had seen that handheld devices, such as Pocket PC and Palm® products, were how doctors should be retrieving their information. Following the concepts of Model-View-Controller, we created two new "views" in our CDR-Web application, CDR-Pocket and CDR-PDA.

The next year, we embraced the new millennium by embracing a new concept: dynamic Web-portions. We wrote a small Java applet that allowed us to update portions of page content without refreshing the entire page. It wasn't until 2005 before the concept was given a name: "AJAX".

In 2004, we rewrote the majority of our user interface by creating complex Javascript objects that used cached libraries to render Web-portions. Two years later, that methodology was given the name "JSON".



### **RelWare's History in Technology** *(cont.)*

With no milestones shown on the graph on the front, 2003 looks deceptively quiet. However, in between our incorporation of AJAX-technologies and JSON, we had started our own path: the X2A.

The X2A was built to provide "intelligent", dynamic forms within our application. We built a webpage to process and render these forms built in XML, which we termed Quizlets.

The year 2005 was a historic one for RelWare. We had started a venture to rewrite our flagship application, CDR-Web, as a completely new product. Having all possible Web technologies available to us, we chose to forge in our own direction, the X2A2.

Using the core concepts of the X2A, we built a lightweight engine that leverages the openness and flexibility of XML within a programming architecture. We then designed a method of building complex Web applications that had a consistent, yet fully customizable look and feel.

This became the Portlet Architecture, an AJAX-oriented set of libraries that provide an easy mechanism for creating refreshable screen portions (*Portlets*), completed that same year. Next, we ported our Quizlet Architecture to the X2A2 and integrated it as a Portlet.

The Portlet Architecture and the Quizlet Architecture both running on the X2A2 are the foundation of our web-based enterprise electronic health record application.

### **RelWare's X2A2**

The X2A2 is a lightweight, yet powerful application engine that is the core of our Web and workflow engines. It was built using XML from the ground up, and has been RelWare's primary development platform for the past four years.

RelWare's constant commitments to technology and excellence arrived on this patent-pending programming methodology in 2003. We realized then that XML was the data medium of the future, and had already known that the Web would continue to be the delivery mechanism.

The X2A2 merges these into a powerful, flexible engine, with built-in and external connectors that give them the ability to do almost anything.

### **Our Team**

Since we began, we have only hired individuals that thrive on challenges and thirst for new knowledge. We like to say that "We eat O'Reilly books for breakfast." The only reason they have not written one of their own, is they prefer to write code. . .and we're just fine with that.

### **About RelWare Technology**

At RelWare, we realized in 1998 that the Internet, and specifically, Web-based technology was the future. We built our company with the continued motto: "Every application is a Web application." This meant that anytime we looked at writing a new application, we first asked ourselves, "Can I write this as a Web application?" What we soon found was the answer was invariably "Yes". . .every time.

It has been 10 years since we started, and we are still saying "Yes". . .every time.

