# Transform Model-based Design into Web and Mobile

CM WebClient works directly with the CA Plex model-based, rapid application development platform (ARAD) to generate Web and mobile applications from the presentation layer to the back-end business logic. Provide the access your customers demand, quickly and with low risk.

## CM WEBCLIENT BENEFITS

+ **Reduced Risk:** Use a platform that you already know and depend on to quickly generate bullet-proof web and mobile code
+ **Improved Availability:** Extend the capabilities of your development group to modern application tools with a reduced learning curve and better results
+ **Increased Efficiency:** Deliver amazing functionality without the pain of long development cycles

## BUSINESS CHALLENGE

You can't stay in business long unless your customer-facing applications support web and mobile users. Increasing numbers of people only interact with companies through their mobile phones and tablets. If your core business applications are also your legacy applications, you have a problem. How do you modernize your portfolio so you can address customer needs quickly and affordably? Some consultants might suggest "rip-and-replace" but that is a costly and time-consuming proposition that introduces risk into an environment that is working well. Another option might be packaged applications, but often, these lack the flexibility and customization you need to address your initiatives.

Some enterprises may also struggle with the problem of staff retraining. Excellent developers may not have the CSS, HTML5 or JavaScript coding skills you need, yet they know your business and your applications.

## SOLUTION OVERVIEW

CM WebClient gives you the tools to web-enable existing business logic using its rich internet application (RIA) generator which integrates with the CA Plex ARAD platform. The CM WebClient Ajax-based framework adds web and mobile application generation directly from the CA Plex development environment—from the presentation layer (HTML, JavaScript, AJAX) to backend business logic (RPG, .NET or J2EE) without developers needing to develop a new skillset.

Developers start with standard CA Plex functions and panels, and simply generate Ajax-enabled web applications with standard CA Plex GUI features, such as editable grid, tabs, tree views, child windows, dialogs, and more. Mobile, touch-optimized presentations are also supported, running as native mobile applications. The backend logic is automatically published and deployed to J2EE web servers such as Tomcat, JBOSS, or Websphere and can run on IBM i Power Systems, Microsoft .NET, and any platform supporting Java.

## KEY FEATURES

### Generate Directly from CA Plex
Uses standard CA Plex panel design and action diagram techniques to generate sophisticated RIA/AJAX user interfaces and mobile-optimized applications based on your existing client-server code base without extensive recoding or retraining.

### Familiar Features
Applications can utilize standard CA Plex GUI features, such as editable grid, tabs, tree views, child windows, accordion Outlook-style menus, dialogs, and more.

### Best in Class Architecture Inputs
Uses industry standard Java / JavaScript technology, based on Dojo, Sencha Touch, and PhoneGap.

### Stabililiy With Scalability
Provides standard secure, robust, and scalable application services.

### Flexibility
Extensible and customizable via CA Plex pattern inheritance, CSS, and JavaScript component libraries.

### Portlet Generation
Optionally generates portlets which are compatible with standard portal servers such as Websphere Portal and Apache Pluto.

### Automated Deployment
Deploys to application servers such as Websphere, Tomcat and JBOSS and is compatible with existing Websydian applications and TransacXML. Cloud-friendly, and compatable with Amazon AWS and other cloud providers.

## RELATED PRODUCTS/ADD-ONS

### CM MatchPoint ALM
Lifecycle managment and automated deployment for CA Plex and CM WebClient applications.

### Worksoft Certify
Software quality and functional testing solution for enterprise applications eliminating the need for custom coding and programming for test scripts.

### CA Plex
CA Plex is a model-based and architected rapid application development (ARAD) platform. It provides an efficient environment to create, integrate and maintain large-scale business applications.

### CA Repository Interface
This interface facilitates the integration of CM Meta Analytics results into CA Repository using Universal XML Exchange for both zOS and distributed platforms.

## PLATFORMS SUPPORTED
Desktop Browser: Internet Explorer, Firefox, Chrome, and Safari
Mobile: Apple iPhone/iPad, Google Android, Blackberry
Back End: J2EE Compliant Web Server (Websphere, Tomcat, JBOSS), IIS with Tomcat Connector
CA Plex supported Application Server (.NET/C#, J2EE/Java, IBM i/RPGIII/IV)

For more information, visit **cmfirstgroup.com/support/solution-demo**

## Request a Demo Today

You can also call us at **888-866-6179** or email us at **info@cmfirstgroup.com**

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