

RPG web application development for IBM i programmers

WebSmart ILE is the fastest way for IBM i programmers to develop new RPG web applications. Even if you have no web development experience, on day one you'll create database driven web applications that you'll want to show your boss.

You can customize the applications in the WebSmart IDE to create powerful web applications for any business need.

“I have been an RPG and COBOL programmer for over 39 years and WebSmart is very easy to pick up.”
— Charles Gelina, Dorchester County



Why WebSmart ILE?

Rapid Development

WebSmart Program Templates help you create web applications in minutes. They also shorten the web development learning curve by generating the starting HTML and RPG for you. The WebSmart IDE includes a code editor and many HTML, CSS and JS tools that speed up development.



Leverage RPG and your IBM i

WebSmart was built with RPG programmers in mind and eases their transition to web development. WebSmart also makes it easy to integrate existing RPG code to leverage your investment. WebSmart applications run 100% on the IBM i for maximum security and reliability.



Any Web Application

Anything you see in modern web applications can be created with WebSmart. It supports all the latest web technologies including mobile web applications for tablets and smartphones, and Web Services.



Strategic Web Applications

When your users and managers see how quickly you create IBM i web applications, they will start requesting them from you instead of the .NET or Java developers. Your team and your IBM i will then play a bigger strategic role in your organization.



Proven Software and Support

Develop with confidence using a tool that has won 14 industry awards and is backed by BCD's 35 years of experience in the IBM midrange marketplace. Our seasoned support team further assures your success.



Integrated Suite

WebSmart ILE is available as a standalone solution or as part of BCD's modernization suite, which includes WebSmart PHP, Presto (5250 web enablement), Clover Query (web-based reports), Catapult (report distribution) and Nexus Portal.



Create web applications in 3 easy steps

1 Select a Template

Start by choosing one of the many customizable native I/O (RLA) or SQL templates.



2 Complete Wizards

Step through wizards that create the starting HTML, CSS and PML (RPG).



3 Save & Run

Access the application from any browser (incl. mobile devices). Runs with APACHE on IBM i.



You start with a fully functioning web application instead of trying to figure out where to begin.

Develop any type of web application

After the program template stage is complete, you have the flexibility to customize the applications and develop web applications for any business need including: B2B / B2C shopping carts, order entry, invoicing, inquiries *and more*.

Code Editor

Increase programming speed and produce consistent code.

- Syntax checker, code completion & color coding
- Interactive debugger
- Functions to call back-end RPG programs
- Database Repository for defining business rules
- Built in change management

Mobile Support

Develop mobile-friendly web applications that are optimized for tablets and smartphones.

- Android, iOS, Blackberry, Windows Phone
- Detect mobile device type to optimize display
- Add offline support using HTML5 caching
- Add touch-based interactivity



Modern Web Technologies

Create powerful and responsive rich web applications using any of these technologies.

- Web services, XML, JSON and AJAX
- HTML5 and CSS3
- JavaScript libraries (*jQuery, ExtJS, etc.*)
- Grids and other plugins and widgets
- SSL and encryption

HTML Tools

Simplify HTML coding and web page design with visual and text-based tools.

- Wizards to add UI elements
- Drag and drop fields, color coding and help
- Integrates with 3rd party visual editors
- Separation of HTML and PML for better readability

Visual & Output Options

Create visually stunning applications and provide options to download data into popular formats.

- SmartCharts
- Google Maps
- Images
- Videos
- PDF & Excel



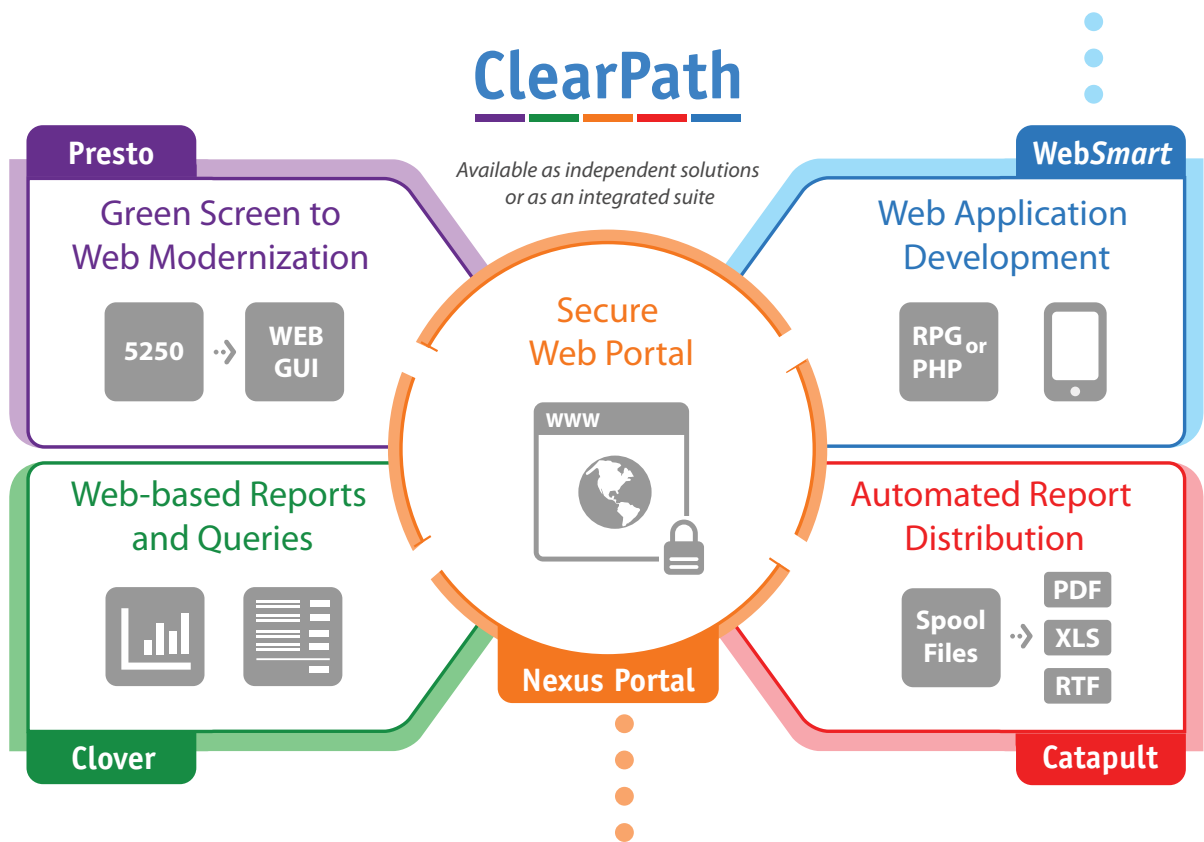
SmartCharts is included at no additional cost and is used to add charts and create dashboards

Modernize further with BCD's ClearPath Suite

You can further modernize your IBM i applications and processes by optionally combining WebSmart ILE with other BCD tools to build your own customized and integrated solution. Start with one, a couple of tools, or BCD's complete ClearPath modernization suite to meet your exact needs. When you select tools that communicate with one another, and deal with one vendor who assures seamless support, you're making a smart choice.

RPG or PHP using the same IDE

WebSmart ILE and WebSmart PHP share the same IDE. This allows you to move seamlessly between writing RPG or PHP web applications that can communicate together. Existing WebSmart PHP clients get a discount on WebSmart ILE.



Menu and Security System for WebSmart Applications

WebSmart optionally includes Nexus Portal, making it even easier to secure your web applications. Nexus, BCD's license FREE (maintenance only) web portal, organizes your web applications in menus so users can quickly access them. It also provides a secure single point of access to your enterprise information including your WebSmart and other web applications, web pages, documents, dashboards and productivity tools.

☐☐ Nexus is the perfect product to manage the secure access of web documents and programs. We have several thousands of documents with over a thousand users accessing daily documents and running WebSmart programs without any issues.
— **Thierry Gosset, Canadian Kawasaki**



See what your peers are saying about WebSmart ILE

Ideal for RPG Programmers

I'm an RPG programmer who is transferring my skills to web application processing and WebSmart is the way to go.

— *Lloyd Caldwell,*
Maitland Smith USA

WebSmart is very easy for a green screen user to pick up and learn with very little web experience.

— *Amy Rusnak,*
DCS, Inc

We have a large group of experienced RPG programmers who can now develop web applications using WebSmart with no prior web experience.

— *Dan Hogan,*
EvolveIT

Rapid Development

I was able to put together an entire online ordering process by myself using WebSmart. It took about half the time that it took a web development firm with a staff of about five programmers doing a similar project.

— *Carolyn Struck,*
Quadion Corporation

WebSmart makes developing powerful web-based applications very easy and fast. It allows our users to easily access, manage, and present data from multiple sources, which makes it easier for them to do their work.

— *Bill Hicks,*
Lamps Plus

Strategic Web Apps

One of the features that I am most impressed with is data access on non-iSeries systems. I get to treat the MS SQL tables just like the table exists on our iSeries. No special coding, it just works.

— *Jeremy Bumgarner,*
Oktibbeha County Hospital

We used WebSmart to replace green screen applications with web-based ones that reuse a lot of our existing code. It allowed us to move into the 21st century without spending millions of dollars in rewrites and wasting time migrating to another platform.

— *Tony Adams,*
G Modiano



To learn more or try WebSmart ILE for Free [visit bcdsoftware.com/webmart](http://visitbcdsoftware.com/webmart)

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Why BCD is the best choice for IBM i modernization



Industry Leader: BCD has over 35 years of experience in the IBM i and midrange marketplace and is a member of the IBM i ISV Advisory Board. We understand how IBM i developers and IT shops think and work.



Proven Solutions: BCD has won 40 industry awards and has successfully helped thousands of organizations across many industries modernize (*government, education, finance, healthcare, retail, manufacturing, transportation, etc.*) including:

- Starbucks • Universal Music • Formica • Nippon Express
- Toyo Tires • Honeywell • GlaxoSmithKline • Abbott Labs
- Kawasaki • Veolia • Konica Minolta • Mitsubishi Fuso



World Class Technical Support: Our tech support team is consistently rated one of the very best. You will receive unlimited support during your evaluation and for the life of your support agreement.

No Time or Staff to Modernize?

Hire BCD's experienced Professional Services Group to create custom RPG web applications for you or to web-enable your 5250 apps.

- You will know your costs before you commit as we provide detailed project estimates.
- Hire us for complete projects, jump start projects or to work in tandem with your staff.
- We use our rapid development solutions to maximize productivity and reduce costs.

Learn more or tell us about your project at:
www.bcdsoftware.com/services

BCD

- Thousands of Clients
- 30,000+ Products Sold
- Winner of 40 Industry Awards