WebSmart® PHP

Rapid IBM i and multi-platform PHP development

WebSmart PHP is the fastest way for RPG, PHP and other programmers to develop IBM i and multi-platform PHP web applications. It's more than just a PHP editor; it's a rapid application development tool that includes program templates that guide you through creating database driven web applications in minutes.

You can further customize the applications in the WebSmart IDE to create powerful web applications that can be accessed from PCs, tablets and smartphones.

" The templates not only allow me to write an input screen in an hour or less, but they greatly helped me through the learning curve in moving to PHP."
— *Melinda Fowler, Ouachita Baptist University*

Watch a 2 minute video at bcdsoftware.com/wsphpvideo

Why WebSmart PHP?

Rapid Development

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

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.

Support & Industry Leader

A seasoned support team helps you succeed by providing unlimited phone and email support during your evaluation and for the life of your support agreement. BCD has over 35 years of experience in the IBM i and midrange marketplace.

Open Source PHP

WebSmart PHP uses PHP, a very popular and proven open source language developed specifically to create web applications. PHP is easy for RPG programmers to learn and can be coded procedurally or OO. There are thousands of free PHP scripts and PHP is fully supported by IBM and Zend on the IBM i.

Leverage RPG and your IBM i

WebSmart makes it easier for RPG programmers to transition to web development. It also integrates with the PHP toolkits on IBM i to leverage existing RPG code. WebSmart PHP applications can be hosted on IBM i (*runs with Zend Server*) or on other platforms.

Integrated Suite

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

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Create web applications in 3 easy steps

1 Select a Template

Choose one of the many procedural and OO custom-izable templates.

DB2 **MySQL** Powered by **zend DBi** **ORACLE**

2 Complete Wizards

Step through wizards that create the starting HTML, CSS and non-proprietary PHP.

php **HTML** **CSS**

3 Save & Run

Save and run the platform independent PHP applications. No runtime license required.

zend Server

You start with a fully functioning web application instead of wasting time figuring out where to begin or coding subfiles.

Develop any type of web application

WebSmart PHP provides advanced features to help you rapidly develop new web applications, or to edit any existing PHP apps, for any business need including: B2B / B2C shopping carts, order entry, invoicing, inquiries, dashboards *and more.*

Code Editor

Increase programming speed for any PHP apps and produce consistent code.
- Syntax checker, code completion & color coding
- Wizard to call back-end RPG programs
- Database Repository for defining business rules
- Built in change management
- 5,000+ standard PHP functions plus IBM i toolkit

HTML Tools

Simplify HTML coding and web application design with visual and text based tools.
- Wizards to add UI elements
- Drag and drop fields
- Color coding and context sensitive help
- Integrates with 3rd party visual editors
- Separation of HTML and PHP for better readability

Mobile Support

Develop mobile web applications that are optimized for tablets and smartphones.
- Android, iOS, Blackberry, Windows Phone
- Detect mobile device type to optimize display
- Add offline support
- Add touch gestures

Debugger

Troubleshoot problems in your code quickly using the interactive debugger in the IDE.
- Set breakpoints
- Step through code
- Change variable values on the fly
- Support for multiple users

Modern Web Technologies

Create powerful and responsive rich web applications using any of these technologies.
- Web Services, XML, JSON and AJAX
- Grids, Google Maps, PDF and Excel
- jQuery, HTML5 and CSS3
- SmartCharts
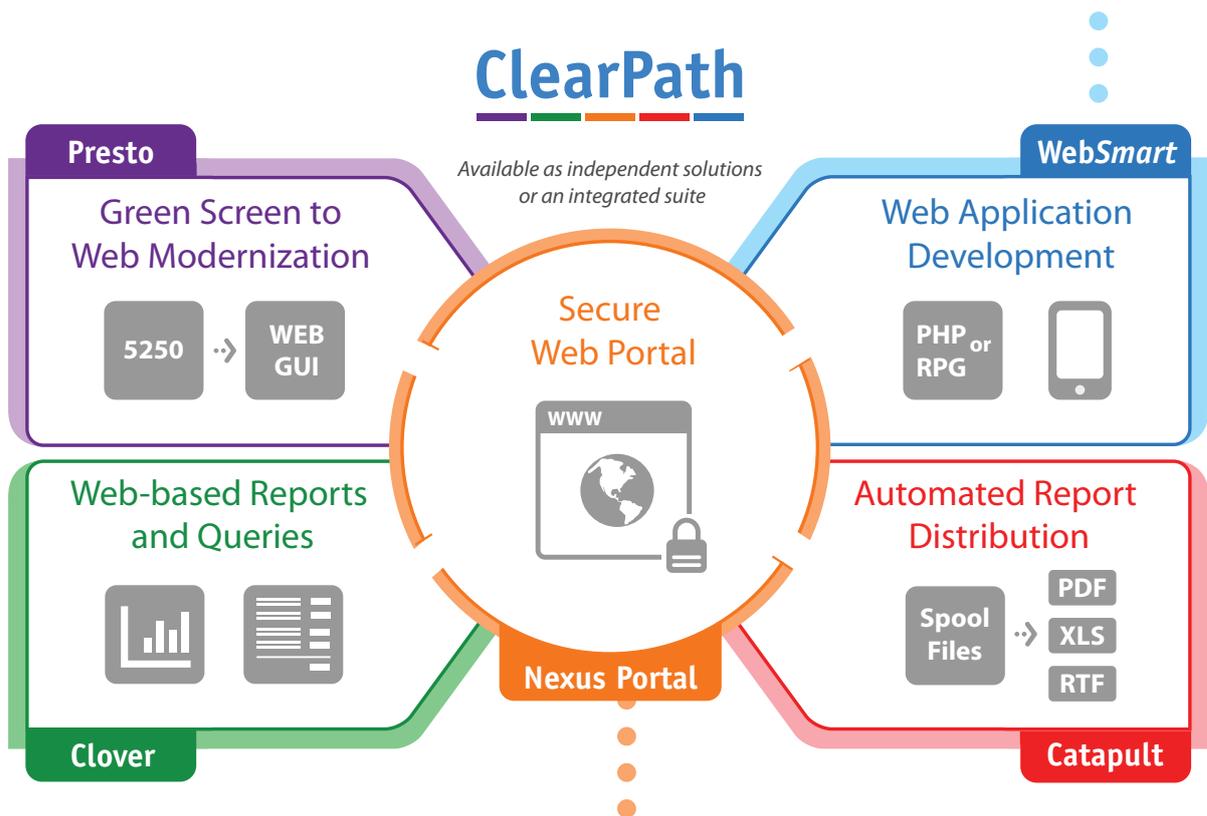- SSL and Encryption

Included at no cost

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Modernize further with BCD's ClearPath Suite

You can optionally combine WebSmart PHP with other BCD tools to further modernize your IBM i applications and processes by building 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.

PHP or RPG using the same IDE

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

ClearPath

Available as independent solutions or an integrated suite

Presto

Green Screen to Web Modernization

5250 ‥› WEB GUI

WebSmart

Web Application Development

PHP or RPG

Secure Web Portal

WWW

Web-based Reports and Queries

Clover

Automated Report Distribution

Spool Files ‥› PDF / XLS / RTF

Catapult

Nexus Portal

Menu and Security System for WebSmart Applications

WebSmart optionally includes Nexus Portal to make it easier to secure your web applications and organizes them in menus to make it easier for your users to access them. Nexus, BCD's license Free (*maintenance only*) web portal, 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.

> WebSmart PHP, Nexus Portal, Clover and Catapult are state of the art products that made our offerings cutting edge. We're now providing modern solutions to satisfy the needs of our Union and Benefits clients across the country.
>
> — **Michael G. Galligan,** President/CEO, KMR Systems Corp

Web*Smart*® PHP

See what your peers are saying about WebSmart PHP

Rapid Development

WebSmart PHP makes the coding easy for an RPG programmer. It lets me deploy applications in minutes that once took hours or more. This single program will breathe life into our aging system, and bring out the best of our IBM i.

— *Patrick Shrader,*
   White Knight Engineered Products

By using WebSmart templates, I was able to create a page with a table of DB2/400 production data in under 10 minutes. I am an RPG coder by trade and was astounded by this. And three days later, I had developed the whole site that took me almost two months to accomplish using other tools.

— *Thomas Hughes,*
   Benetech

Strategic Web Applications

WebSmart is an excellent tool for RPG programmers to get their introduction to web development. Our billing department loves the new online bill of lading app we wrote which saves them and our customers a lot of time and saves our company a lot of money.

— *Joseph Marreiros,*
   CF "Managing Movement"

The web applications we've created with WebSmart PHP save our customer service representatives valuable time because they have the information at their fingertips. And our sales representatives out in the field love the fact that they can view sales reports via the internet no matter where they are.

— *Stephanie Beall,*
   Encompass Group, LLC

Fabulous Support

I'm really impressed with your tech support, it's fabulous. In those instances when I ran into a snag or had a question, everyone I spoke to has always been able to answer my questions. At times, my questions had nothing to do with WebSmart and they helped me anyway.

— *Bob Boychuk,*
   CertainTeed

Perhaps the gold standard for the IBM i world in PHP development environments is BCD's WebSmart PHP with all its templates, wizards, and SmartCharts. Yes, you do have to purchase it, unlike many PHP development tools, but there is a real company behind it with real developers and real customer service.

— *Chris Smith, Senior Editor,*
   MC Press Online

To learn more or try WebSmart PHP for Free *visit bcdbenelux.nl/wsphp*
Product Download • White Paper • Webinars • Videos • Customer Stories

Why BCD Benelux 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 for the life of your support agreement and during your evaluation.

No Time or Staff to Modernize?

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

- 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.bcdbenelux.nl/services

BCD Benelux

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

ISV or BP? Call us if you need to offer a web version of your green screen solutions.

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