Clover Query™

Real-time IBM i web reports, queries and dashboards

Clover Query is a business intelligence tool for unlimited end users and developers to create real-time web-based reports that access data on the IBM i and other platforms. It includes DB2, MySQL and MS SQL templates and wizards so anyone can produce professional-looking reports in minutes. Clover also features a robust Windows-based IDE to meet your most sophisticated reporting needs.

" As new orders are entered, the [Clover] dashboard reflects these entries and management knows exactly where things stand at any given moment."
— *Michael Ellis, Key City Furniture*

Why Clover Query?

Improve Decision Making

Enhance decision making with real-time data that shows an accurate picture of your organization's performance. With up-to-date information at their fingertips, users can spot trends, predict results and track key performance metrics.

Leverage Existing Data

Give users the tools to unlock hard-to-access information from multiple databases. Users can also import predefined Query/400 queries and easily output them as dynamic web reports, graphs and spreadsheets.

Visual Data

Produce visually appealing and graphical reports that look modern and are easy to interpret. Using Clover's customizable templates, users can create reports and dashboards that let them see the big picture and drill down to the details.

Easy Access to Reports

Access reports any time and from anywhere directly from a browser. You can also secure and organize access to reports in menus by integrating Clover with BCD's optional license FREE (*maintenance only*) Nexus Portal.

Empower End Users

Reduce reporting backlogs by empowering end users to design their own reports. Clover includes templates and wizards that guide users through each step so anyone can create ad hoc reports without any coding required.

Save Money

Reduce printing costs by producing web-based reports. You also save money with Clover's unlimited user and developer license that lets all your users build and run web reports that help them make informed decisions.
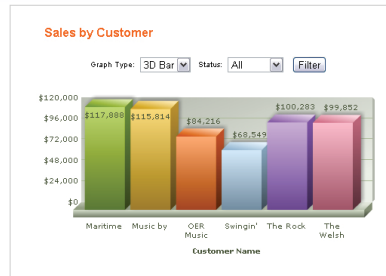
BCD
A Quadrant Software Company

Create real-time reports in 5 minutes

Orders by Customer

Customer Name: Cam's Country

Order Number	Purchase Order / Description	Order Date	Order Status	Order Total
100029	Custom order	20110514	C	42,258.87
100080	Francis DBAllaird	20120112	C	49,378.39
100087	Jen Muller Special Restock	20120421	S	571.00
100095	Swinging Strings Restock	20130311	C	517.15
100102	Guitars Plus on Credit	20110519	C	58,618.02
100110	PO 290239 -for Sandra	20121207	C	81,769.95
100117	Guitars and Banjos	20120126	C	1,167.00
200014	PO Ref# 34356	20110313	S	657.10
200022	PO Ref# 645324	20110929	O	1,291.90
200055	Merlin Factory Sale Restock	20121209	O	106,721.50
200066	PO Ref# 62343	20121221	O	778.00
200076	Special Order: Ship ASAP	20120605	C	59,522.55
Totals for Cam's Country				403,251.43

Standard & Drill Down

Sales by Customer

Graph Type: 3D Bar   Status: All   Filter

$120,000
$96,000 $117,888 $115,814 $100,283 $99,852
$72,000 $84,216
$48,000 $68,549
$24,000
$0
Maritime   Music by   OER Music   Swingin'   The Rock   The Welsh

Customer Name

Charts & KPIs

	A	B	C	D	E
1	Orders by Customer				
2	Customer Name: Cam's Country				
3	Order Number	Purchase Order / Description	Order Date	Order	Order Total
4	100029	Custom order	20110514	C	42258.87
5	100080	Francis DBAllaird	20120112	C	49378.39
6	100087	Jen Muller Special Restock	20120421	S	571
7	100095	Swinging Strings Restock	20130311	C	517.15
8	100102	Guitars Plus on Credit	20110519	C	58618.02
9	100110	PO 290239 -for Sandra	20121207	C	81769.95
10	100117	Guitars and Banjos	20120126	C	1167
11	200014	PO Ref# 34356	20110313	S	657.1
12	200022	PO Ref# 645324	20110929	O	1291.9
13	200055	Merlin Factory Sale Restock	20121209	O	106721.5
14	200066	PO Ref# 62343	20121221	O	778
15	200076	Special Order: Ship ASAP	20120605	C	59522.55
16				Order Total	
17					403251.43

Excel & PDF

Optionally combine reports into interactive dashboards or customize them in the Clover IDE

Design professional reports that are easy to access

Report Templates

Create IBM i web-based reports in minutes with templates that create the HTML and SQL for you.
- DB2, MySQL and MS SQL templates
- Standard reports with totals and summary levels
- 2D and 3D charts including pie, bar, pyramid and funnel
- Excel and PDF reports with formatted data and headings
- Prompts for runtime input values from end users

Sophisticated Reports

Customize reports with the Clover IDE to meet advanced reporting requirements.
- Call back-end RPG programs
- Set library lists dynamically
- Add business logic and conditionally display data
- Manage reports with built-in change management
- Distribute reports with the job scheduler

SQL Wizards

Build SQL statements to retrieve your data without any coding.
- Select the files and fields to use
- Choose sort, filter, and level break fields
- Create subtotals and grand totals
- Calculate fields with SQL functions

Dashboards

Improve decision making and display data visually with interactive dashboards.
- Combine multiple reports on one page
- Show the big picture using visual reports
- Include drill downs to the details
- Pass parameters to make reports interactive

Import Queries

Leverage Query/400 reports by importing them and predefine queries to help end users create reports.
- Output queries as web reports, graphs and spreadsheets
- Modify the imported queries and their appearance
- Save and reuse queries defined in Clover
- Import Clover queries containing file joins and other logic

Browser Access

Get easy access to real-time data with browser-based reports that are fast to deploy.
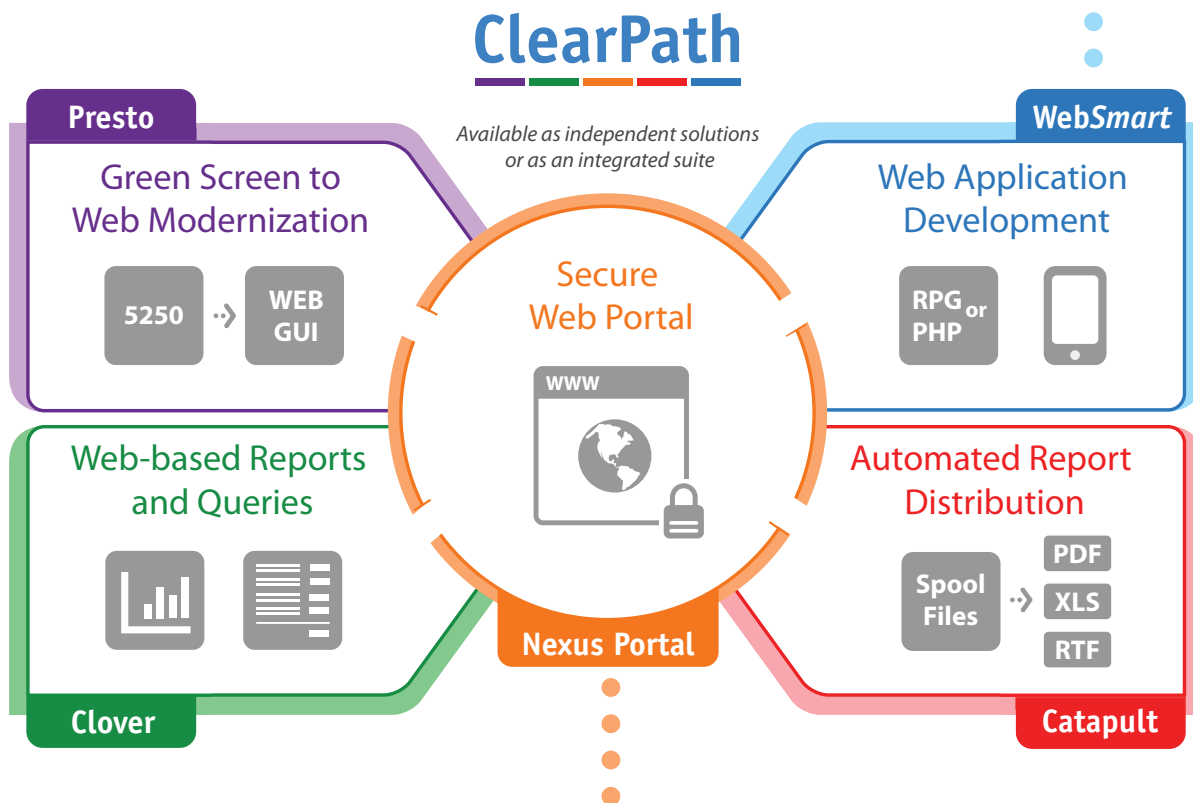- Access reports from any popular browser
- Access reports from tablets and smartphones
- No other software to install
- Embed reports into other web pages

BCD

Modernize further with BCD's ClearPath Suite

You can further modernize your IBM i applications and processes by optionally combining Clover 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.

Reporting & Web Development in one IDE

Clover is both a standalone solution and an integrated add-on component to WebSmart. You can work seamlessly with the reporting features of Clover and the web development features of WebSmart because they share the same IDE.

ClearPath

Available as independent solutions or as an integrated suite

Presto
Green Screen to Web Modernization

5250 ··› WEB GUI

WebSmart
Web Application Development

RPG or PHP

Secure Web Portal

WWW

Clover
Web-based Reports and Queries

Catapult
Automated Report Distribution

Spool Files ··› PDF / XLS / RTF

Nexus Portal

Secure and Organized Access to Clover Reports

Clover optionally includes Nexus, BCD's license FREE (*maintenance only*) web portal, to organize your reports in menus and dashboards so users can quickly access them. Nexus authority lists ensure that users only access the reports they are authorized to see. All of this is done without any programming or HTML coding.

Nexus also provides a secure single point of access to your enterprise information including your web applications, documents, dashboards and productivity tools.

> " We use Nexus as a framework to deliver reports we write in Clover. We like the IBM i integration for user id and password and how easy it is to create folders and secure them based on groups or user ids. Our president has stopped receiving green bar reports and accesses our Nexus Portal for all his financial reports and graphs."
> — *Mauricio Vejar, Country Villa Health Services*

Clover™

Quick Start

"BCD walked me through the installation, and in about an hour, I was creating charts and graphs using my own data. I realized right off the bat that Clover and Nexus were very user friendly and BCD's support team was second to none.
— *Michael Ellis,*
Key City Furniture

We have found Clover to be a very useful tool in rapidly creating reports and getting them to the web. I was able to create a report and display it as a bar graph in the first couple of hours we had the product.

— *Dennis Ruud,*
Dominion Enterprises

Professional Reports

Clover allows us to provide our clients access to data via web browser. Previously, this was only accessible through requests for reports that were generated by in-house staff.

— *Narender Reddy,*
CompuBill Inc.

Clover has allowed us to build a suite of inquiry reports which write directly to Excel with excellent formatting. All of our reports have a consistent style with clean headings and formatting that's easy to adjust.
— *Jim Franchi,*
Heyco Products Inc.

Real-time Information

We love Clover Query. It's easy and it works just as advertised. We've integrated Clover into Lotus Notes and our "Critical Controls" dashboard so our business leaders can check on the current real-time pulse of our business.
— *Bron A. Sheriff,*
Scott Specialty Gases

Accessing Clover reports is as easy as opening your browser. Our sales reps do not have to wait for emailed spreadsheets. Clover reports give them the capability to quickly retrieve real-time sales figures.
— *Stephanie Beall,*
Encompass Group, LLC"

To learn more or try Clover Query for Free *visit bcdsoftware.com/clover*

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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 web reports and dashboards, PHP or RPG web applications, or to web-enable your 5250 green screens.

- 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*

ISV or BP? Call us if you need to offer your clients real-time web reports and dashboards.