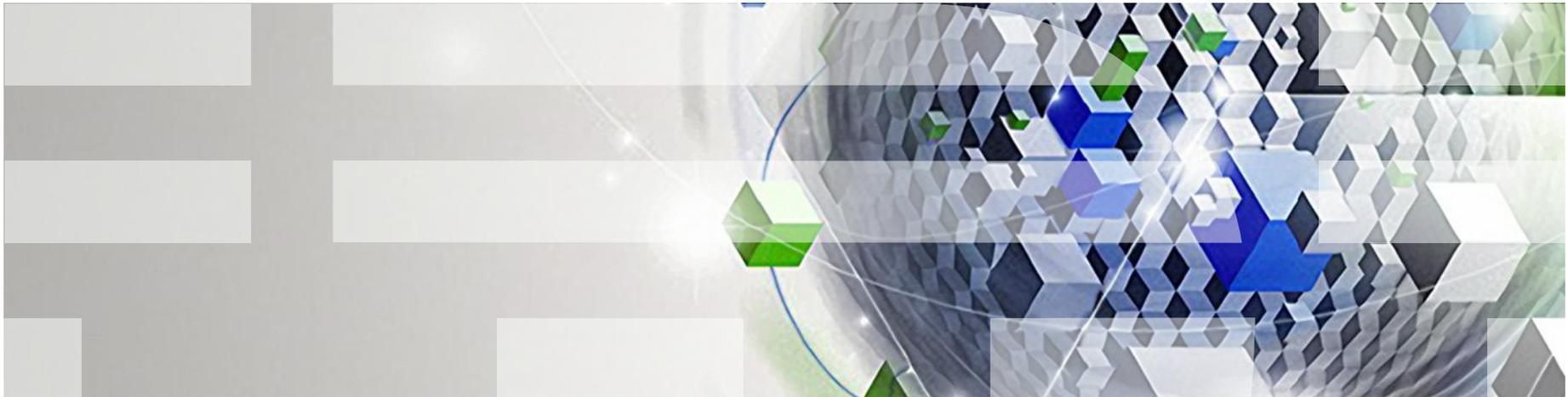


**DB2 Web Query *for i***  
***Doug Mack***  
***mackd@us.ibm.com***



Turning information into insight and insight into business outcomes



**Power is performance redefined**

## DB2 for i Center of Excellence (Lab Services)

- **DB2 for i web site – articles, papers, presentations**
  - [ibm.com/systems/i/software/db2/](http://ibm.com/systems/i/software/db2/)
- **Briefings, consulting and guidance on demand\***
- **IBM i for Business Intelligence Installation Services**
- **DB2 Web Query Getting Started Services\***
- **Query/400 Modernization Services\*** 
- **DB2 for i Modernization Workshop(s)**
- **DB2 for i SQL Performance Workshop**
- **DB2 for i SQL Performance Health Check\***
- **DB2 for i Very Large Database (VLDB) Assessment\*** 
- **DB2 for i remote database administration and engineer services**

For more information, contact Mike Cain ([cain@us.ibm.com](mailto:cain@us.ibm.com))  
Or Doug Mack ([mackd@us.ibm.com](mailto:mackd@us.ibm.com))



IBM Systems and Technology Group Lab Services  
Helping our clients **WIN the race**

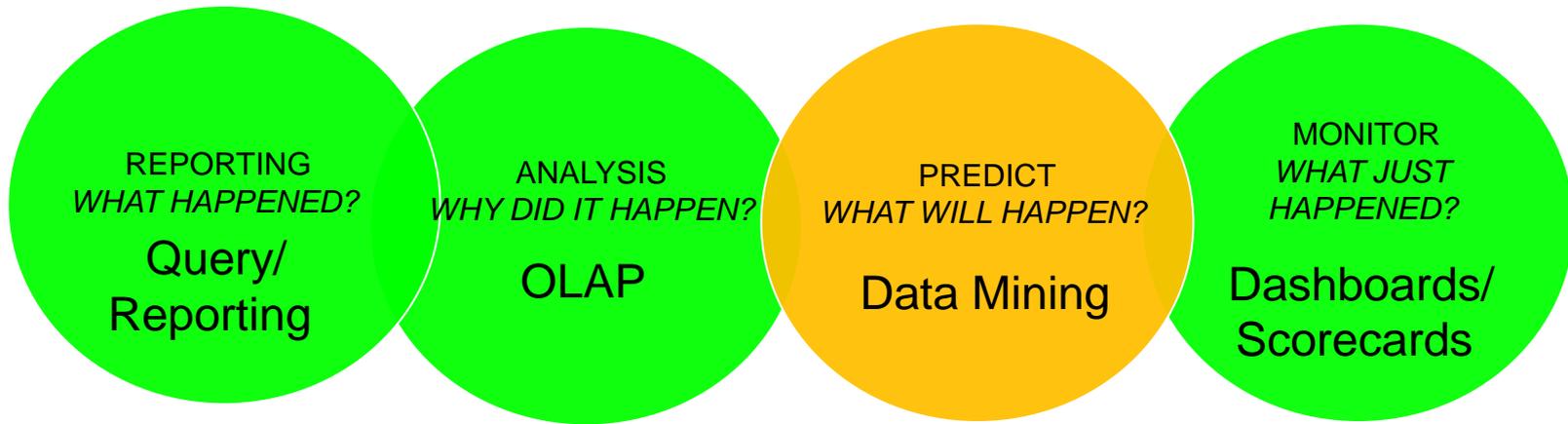
## IBM i Clients Are Still Heavily Using Antiquated Tools

**Many i clients have hundreds if not thousands of Query/400 definitions that have proliferated over time**

- Redundancy of reports is commonplace
- Maintenance of reports is a nightmare
- Dependency on report “authors” is problematic
- Query/400 CANNOT use the latest DB2 for i Query processing technologies
- Cannot always control query execution
- Extraneous steps taken for simple problems (getting data to a spreadsheet, or doing advanced data calculations)

```
Session A - [24 x 80]
File Edit View Communication Actions Window Help
Display Report
Query . . . : CENTURY/LINETOTALS  Report width . . . . . : 72
Position to line . . . . . : 2  Shift to column . . . . . : 7
Line . . . . . : 1 . . . . . : 2 . . . . . : 3 . . . . . : 4 . . . . . : 5 . . . . . : 6 . . . . . : 7
Country Product Type Product Category Store Name Line Total
000001 Canada Audio Amplifiers/PreA ABC Electronics 3,324,409.00
000002 TOTAL 1,415,374.00
000003 Canada Audio Amplifiers/PreA Home Audio Outf 54,145.00
000004 TOTAL 262,517.00
000005 Canada Audio Amplifiers/PreA Winnipeg Audio 5,058,445.00
000006 TOTAL
000007 Canada Audio Audio Systems ABC Electronics More...
000008 F3=Exit F12=Cancel F19=Left F20=Right F21=Split
03/032
01 J902 - Session successfully started
```

But have requirements for Analytics without dependencies on I/T



**Historical Data  
Data Warehouses and Data Marts)**

**Real-Time Data  
ODS = Operational Data Store**

**Business Intelligence**

**Predictive Analytics**

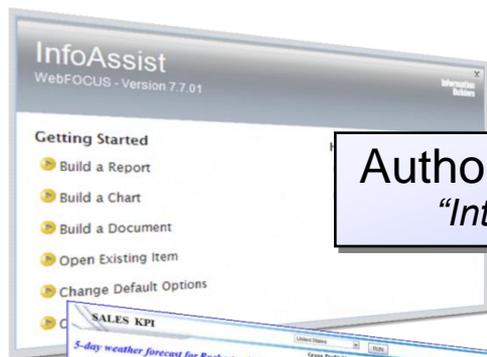
Source: The Data Warehousing Institute, Smart Companies in the 21<sup>st</sup> Century, July 2003

“There MUST be a way to modernize this  
Query/400 quagmire!!”

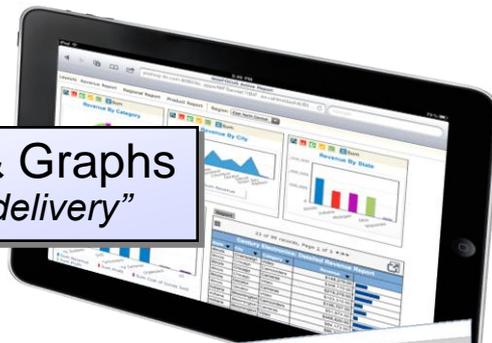


# DB2 Web Query for i – Intuitive, Insightful, Extensible

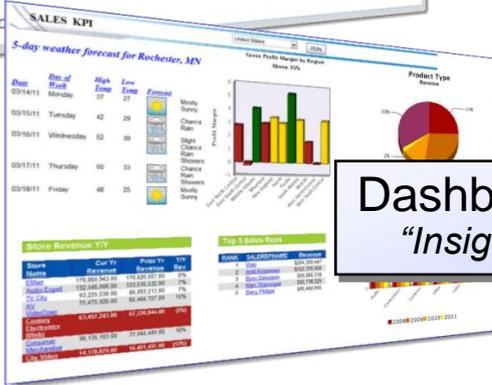
Fast, easy access to business information assets for query, reporting and analysis



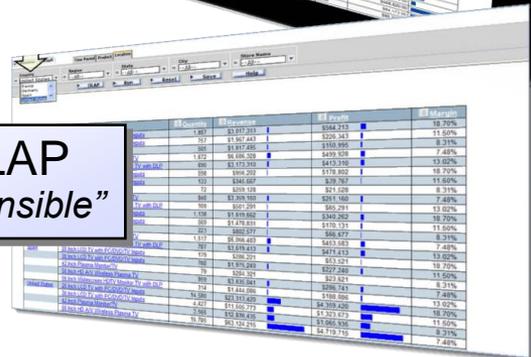
Authoring Tool  
"Intuitive"



Reports & Graphs  
"Flexible delivery"



Dashboards  
"Insightful"

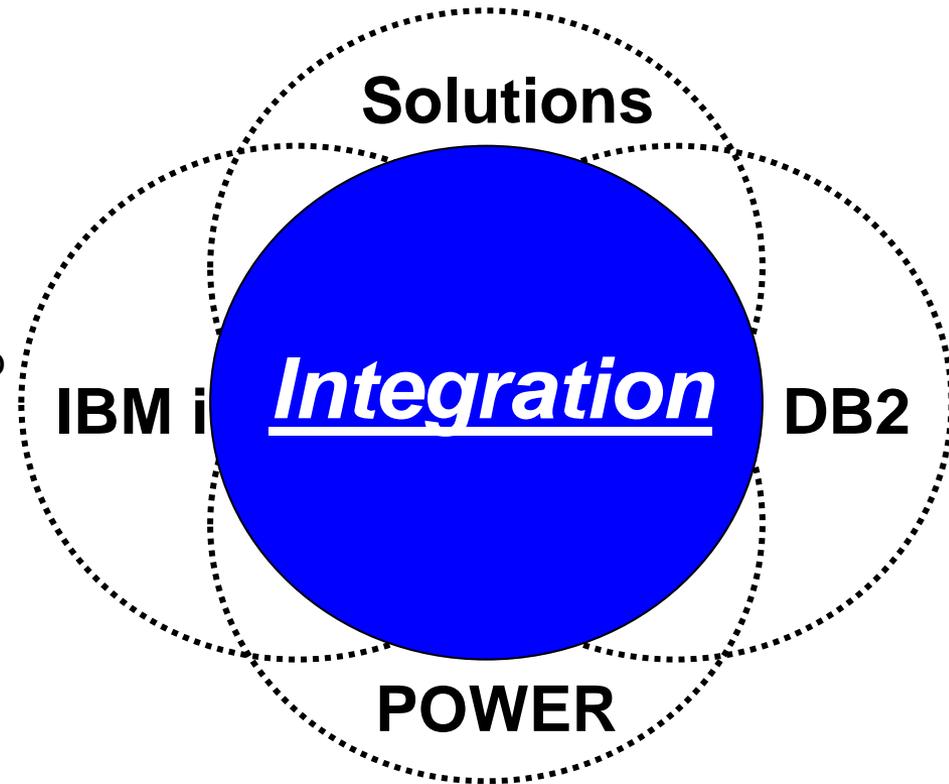


OLAP  
"Extensible"

Providing Analytics and Query/400 Modernization for the IBM i Client  
Low Cost Solution Offering Value Upgrade from Query/400  
Leveraging Best Practice Meta Data Layer Approach  
Leveraging DB2 for i Advanced Query Optimization Technology

## It's all in the Integration!

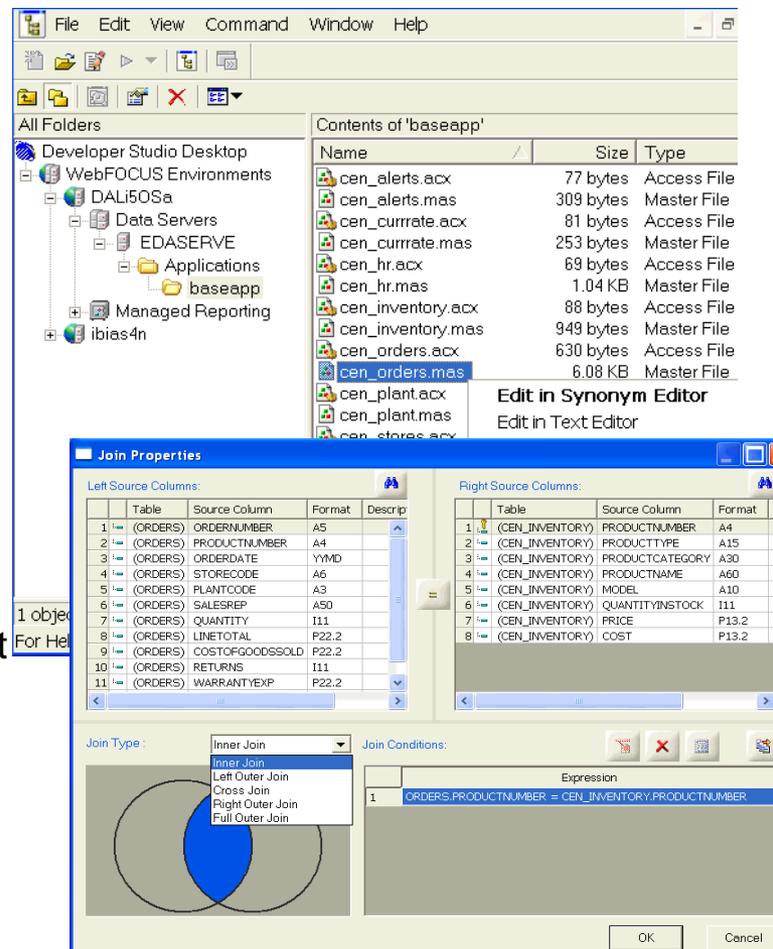
- **Integration with IBM i Work Management**
  - Installs into its own subsystem
  - Allows more flexibility in tuning and isolation
- **Integration with IBM i command language**
  - Administer DB2 Web Query
  - Refresh meta data
  - Invoke report execution from existing job scheduler
- **Integration with software maintenance processes and procedures**
  - PTF Management
  - License Management
  - Backup/HA/DR
- **Integration with DB2 for i**
  - Security
  - Advanced Functions
  - Workload processing



Keep it SIMPLE: Single Server, Single OS Image Installation

# Leveraging a Meta Data Layer to Shield Complexities of Database

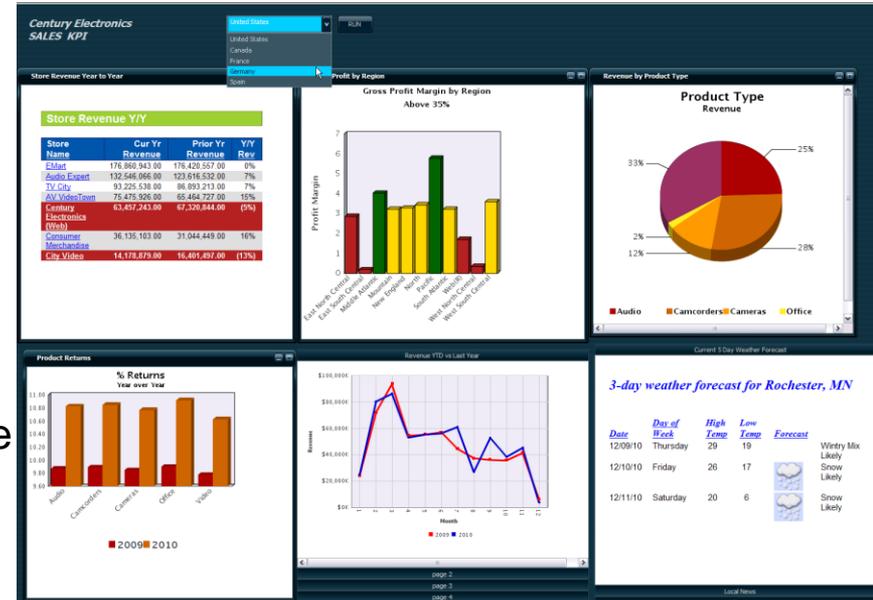
- **Standardize Field/Column Formats**
  - Ex, use commas, set currency symbol, suppress leading zeros
- **Standardize/Decompose Date Fields**
  - Ex: Integer defined as MMDDYYYY
- **Create Filters**
  - Ex: Define a set of countries as “Europe”
- **Define JOINS and Dimensional Reporting**
- **Create Business Views**
  - Organize Columns/fields for easier report development
- **Define Stored Procedures, Views, UDFs to Meta Data Layer for some REALLY COOL function**
  - Row/Column Level Security
  - Text Search Engine
  - Bring in weather report, local news and more



*REMOVE THE DEPENDENCY ON THE DATABASE KNOWLEDGE WORKER!*

# Presenting Key Performance Indicators Through Dashboards

- Build KPI (Key Performance Indicator) view of the business for executives
  - Layout multiple KPIs onto single view
  - Link reports to common parameter
    - Example: allow end user to select geography of interest and all charts automatically reflect selection
  
- Multiple ways to Build Dashboards
  - InfoAssist “Compound” documents
    - Can invoke dashboard from URL interface (requires Application Extension)
  - Active Dashboard
    - Mobile Support
  - **Developer Workbench HTML Composer**
    - Look and feel of fat client application on a zero footprint client
  - Spreadsheet Client
    - Use functions of spreadsheet
  - New BI Portal Dashboards (V2.1)



# Compound “Active” Report with Form Controls

- Add controls (drop down boxes, radio buttons, etc.) to allow for selection criteria input

Spain
Consumer Merchandise

## Geographical Sales Information

### Revenue by Product Type

Store Name	Product Type	Revenue	Cost	Profit	Margin
Consumer Merchandise	Audio	17243539.00	91680.00	6,904,959	66.8
	Camcorders	19293172.00	122960.00	4,660,962	31.9
	Cameras	7827785.00	46050.00	2,161,125	38.1
	Office	1160163.00	5345.00	428,113	58.5
	Video	21654893.00	146470.00	4,153,193	23.7

5 of 115 records, Page 1 of 1

### Profit Breakdown by Product Type

Canada

### Revenue History

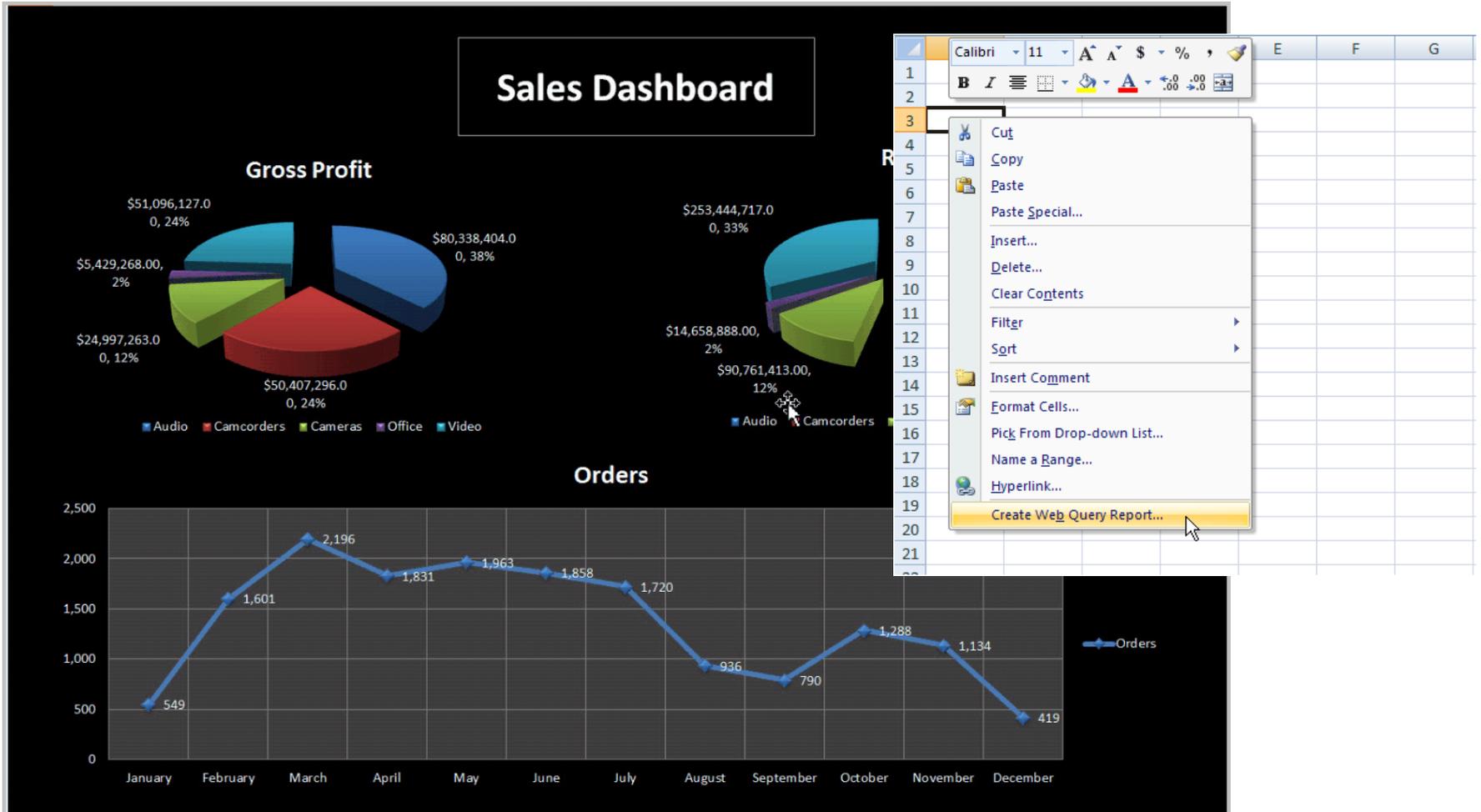
Profit, Revenue By Period

### Warranty Analysis

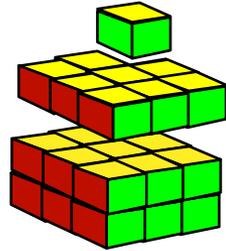
Canada

# Excel Dashboards

- Uses DB2 Web Query as the input into Excel Charts



# Empower End Users with On Line Analytical Processing



With the OLAP\* feature you can replace 10's of Query/400 reports with a SINGLE DB2 Web Query report

- A single report is a starting point for interactive, real time multi-dimensional data analysis
  - Drill down
  - Add or remove fields/columns by dragging and dropping
  - Pivot rows and columns
  - Navigate across any dimension
  - Create charts from navigation point
  - Save report based on navigation point

The screenshot shows a web-based query interface with a navigation bar at the top containing tabs for 'Measures', 'Graph', 'Date Dimension', 'Product Hierarchy', 'Plant Hierarchy', and 'Store Hierarchy'. Below the navigation bar are dropdown menus for 'COUNTRY', 'REGION', 'STATE', 'CITY', and 'Store Name', along with buttons for 'OLAP', 'Run', 'Reset', 'Save', and 'Help'. The main content area displays a table with the following data:

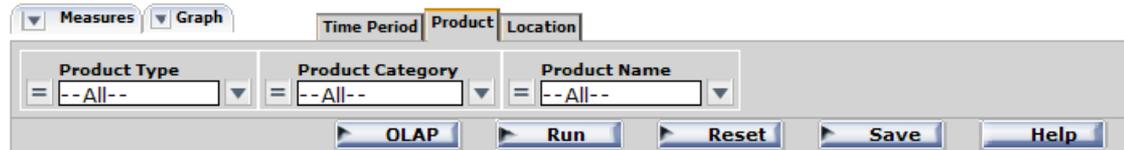
Product Type	Product Category	Line Total	Cost of Goods Sold	Gross Profit
Audio	Amplifiers/PreAmps/Tuners	\$42,374,428	\$25,739,570	\$42,011,058
	Audio Systems	\$122,345,680	\$82,262,820	\$121,004,220
	CD Players and Recorders	\$53,847,459	\$37,838,460	\$53,200,739
	MP3	\$43,491,588	\$26,438,660	\$43,090,478
	Receivers	\$35,907,113	\$22,998,000	\$35,555,263
	Speakers	\$84,717,053	\$24,680,990	\$84,373,233
Camcorders	Digital Camcorders	\$13,614,953	\$6,512,600	\$13,536,923
	DVD Camcorders	\$379,376,637	\$300,373,350	\$375,144,437
	MiniDV Camcorders	\$51,539,451	\$34,128,360	\$50,991,761
Cameras	Digital Cameras	\$184,103,667	\$133,328,830	\$182,200,567
Office	Handheld and PDA	\$18,533,190	\$14,067,420	\$18,374,880
	Organizers	\$11,712,495	\$4,957,305	\$11,655,940
Video	DVD	\$329,872,045	\$248,768,900	\$326,179,845
	TV	\$168,799,539	\$150,771,700	\$166,628,939
	VCR	\$21,688,621	\$16,270,950	\$21,463,121
<b>TOTAL</b>		<b>\$1,561,923,919</b>	<b>\$1,129,157,915</b>	<b>\$1,545,410,404</b>

\* Requires Developer Workbench license to define dimensions and measurements



## Three Ways of Working with OLAP reports

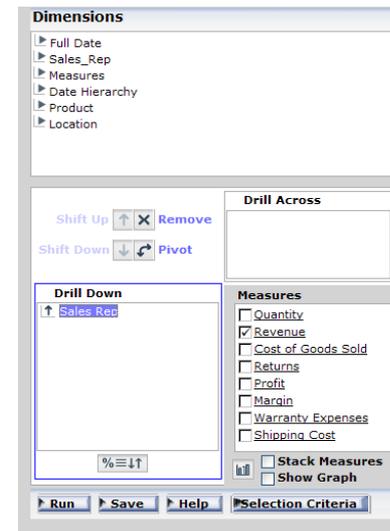
- **Tabs**



- **The Report**

Product Type	Quantity	Revenue
<a href="#">Audio</a>	<a href="#">862.839</a>	<a href="#">\$382.683.321</a>
<a href="#">Camcorders</a>	<a href="#">363.639</a>	<a href="#">\$444.531.041</a>
<a href="#">Cameras</a>	<a href="#">383.843</a>	<a href="#">\$184.103.667</a>
<a href="#">Office</a>	<a href="#">260.575</a>	<a href="#">\$30.245.685</a>
<a href="#">Video</a>	<a href="#">415.685</a>	<a href="#">\$520.360.205</a>

- **OLAP Control Panel**

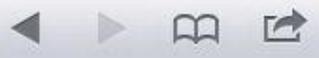


## Provide Analysis to Mobile Workers with Active Reports

- Simply specify as an output option
- Generates PC File with SNAPSHOT of data and manipulation scripts
- “Actively” work with snapshot of data
  - Create calculated fields
  - Filter data
  - Visualize fields/columns
  - Export to other formats
    - Word, Powerpoint
  - Create charts
- Requires Supported Browser or iPad app



Download iPad app: <http://itunes.apple.com/us/app/mobile-faves/id406033421?mt=8>



ibidemo.ibi.com:14060/webquery/i5-login

Google

DB2 Web Query

Gmail

## DB2 Web Query for System i

DB2 Web Query sign on:

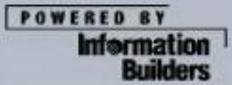
User ID:

Password:

[Change Password](#)

[Logon](#)

[Reset](#)



Search

-  **Revenue Dashboard (IPAD...**  
Saved 05-06-12 17:38 - 1 Mb
-  **DB2 Web Query.htm - 04-1...**  
Saved 04-10-12 08:28 - 597
-  **WebFOCUS Active Report....**  
Saved 04-10-12 08:27 - 933 Kb
-  **app\_v15ktmas.htm - 01-06...**  
Saved 01-06-12 10:21 - 924 Kb
-  **Gross Profit Ranking Rep...**  
Saved 01-06-12 08:54 - 299 Kb

15 of 15 records (100%), Page 1 of 1

**Gross Profit by Product Category**

Product Type	Gross Profit Rank	Product Category	Revenue	Cost of Goods Sold	Gross Profit
Audio		1 Speakers	\$84,717,053.00	\$24,680,990.00	\$60,036,063
		2 Audio Systems	\$122,345,880.00	\$82,282,820.00	\$40,062,860
		3 MP3	\$43,491,588.00	\$26,438,660.00	\$17,052,928
		4 Amplifiers/PreAmps/Tuners	\$42,374,428.00	\$25,739,570.00	\$16,634,858
		5 CD Players and Recorders	\$53,847,459.00	\$37,838,460.00	\$16,008,999
		6 Receivers	\$35,907,113.00	\$22,998,000.00	\$12,909,113
<b>Subtotal for Audio</b>			<b>\$382,683,321.00</b>	<b>\$219,978,500.00</b>	<b>\$162,704,821</b>
Camcorders		1 DVD Camcorders	\$379,376,837.00	\$300,373,350.00	\$79,003,287
		2 MiniDV Camcorders	\$51,539,451.00	\$34,128,360.00	\$17,411,091
		3 Digital8 Camcorders	\$13,614,953.00	\$6,512,600.00	\$7,102,353
<b>Subtotal for Camcorders</b>			<b>\$444,531,041.00</b>	<b>\$341,014,310.00</b>	<b>\$103,516,731</b>
Cameras		1 Digital Cameras	\$184,103,667.00	\$133,328,830.00	\$50,774,837
<b>Subtotal for Cameras</b>			<b>\$184,103,667.00</b>	<b>\$133,328,830.00</b>	<b>\$50,774,837</b>
Office		1 Organizers	\$11,712,495.00	\$4,957,305.00	\$6,755,190
		2 Handheld and PDA	\$18,533,190.00	\$14,067,420.00	\$4,465,770
<b>Subtotal for Office</b>			<b>\$30,245,685.00</b>	<b>\$19,024,725.00</b>	<b>\$11,220,960</b>
Video		1 DVD	\$329,872,045.00	\$248,768,900.00	\$81,103,145
		2 TV	\$168,799,539.00	\$150,771,700.00	\$18,027,839
		3 VCR	\$21,688,821.00	\$16,270,950.00	\$5,417,871
<b>Subtotal for Video</b>			<b>\$520,360,205.00</b>	<b>\$415,811,550.00</b>	<b>\$104,548,655</b>
<b>TOTAL</b>			<b>\$1,561,923,919.00</b>	<b>\$1,129,157,915.00</b>	<b>\$432,766,004</b>

Prepared on 04/02/08 at 06.06.28

# Active Report

WebFOCUS Active Report - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print TV Stop Go

Address C:\Documents and Settings\jjansen\My Documents\ARGrossProfit.htm

342 of 342 records, Page 1 of 1

Country	Product Type	Product Category	Store Name	Revenue	Cost of Goods Sold	Gross Profit
Canada	Audio	Amplifiers/PreAmps/Tuners	ABC Electronics	3,324,409	2,009,060	1,315,349
			Home Audio Outfitters	1,415,374	871,520	543,854
			Planete Digitale	54,145	41,110	13,035
			Winnipeg Audio	262,517	168,650	93,867
		Audio Systems	ABC Electronics	12,008,859	8,036,590	3,972,269
			Home Audio Outfitters	1,258,104	827,440	430,664
			Planete Digitale	880,672	587,190	293,482
			Winnipeg Audio	985,209	650,090	335,119
		CD Players and Recorders	ABC Electronics	4,270,449	3,009,340	1,261,109
			Home Audio Outfitters	737,463	525,240	212,223
			Planete Digitale	195,172	143,300	51,872
			Winnipeg Audio	397,070	291,600	105,470
	MP3	ABC Electronics	3,438,481	2,064,160	1,374,321	
		Home Audio Outfitters	703,068	373,900	329,168	
		Planete Digitale	180,750	116,390	64,360	
		Winnipeg Audio	459,589	267,960	191,629	
	Receivers	ABC Electronics	2,867,486	1,871,100	996,386	
		Home Audio Outfitters	536,107	335,350	200,757	
		Planete Digitale	111,437	63,400	48,037	
		Winnipeg Audio	346,895	210,800	136,095	
	Speakers	ABC Electronics	6,927,027	2,043,200	4,883,827	
		Home Audio Outfitters	1,630,259	465,280	1,164,979	

Done My Computer

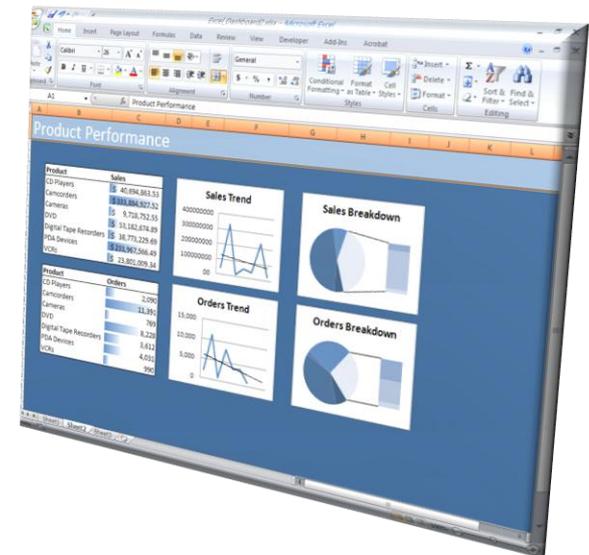
## Adapters (Requires Standard Edition)

### ■ SQL Server Adapter

- Extend the reach of DB2 Web Query
- Support pulling data from multiple SQL Server databases with a single adapter
- Join data from DB2 and SQL Server and avoid data replication

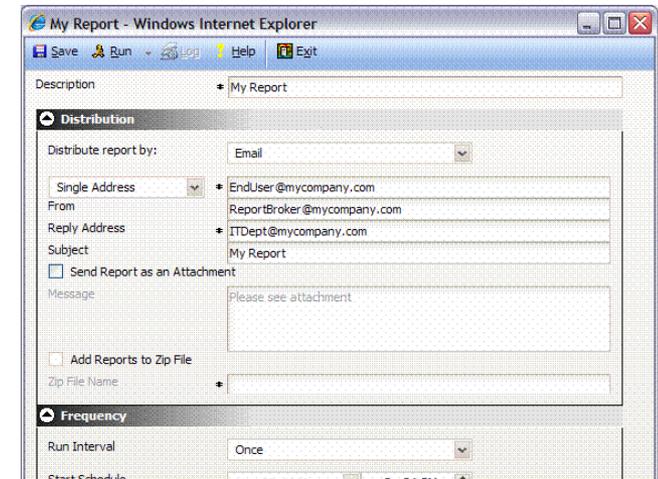
### ■ Oracle JDE Adapter

- Supports querying application databases running in IBM i 6.1 and up
- Provides meaningful data element names, automates date conversion, converts numeric data
- Preserves data integrity and security during report execution by automatically interfacing to the application's meta data and security layers



## Automate Report Execution and Distribution

- **Automated Delivery Of Information**
  - On Scheduled Basis
    - Through Admin GUI
    - Daily, Weekly, Specific Days, exclude rules, etc.
  - On Event Basis
    - Some customization required
  
- **Intelligent bursting**
  - Ex: Regional Sales Report
  
- **Additional output formats for batch reporting**
  - (HTML, PDF, Excel, Active HTML)
  
- **Delivery Destinations**
  - E-mail
  - Printer
  - Save the reports for later viewing
  
- **Notify Function**
  - Send notification when report is complete or fails
  - Report Logging



DB2 Web Query for System i

ReportCaster

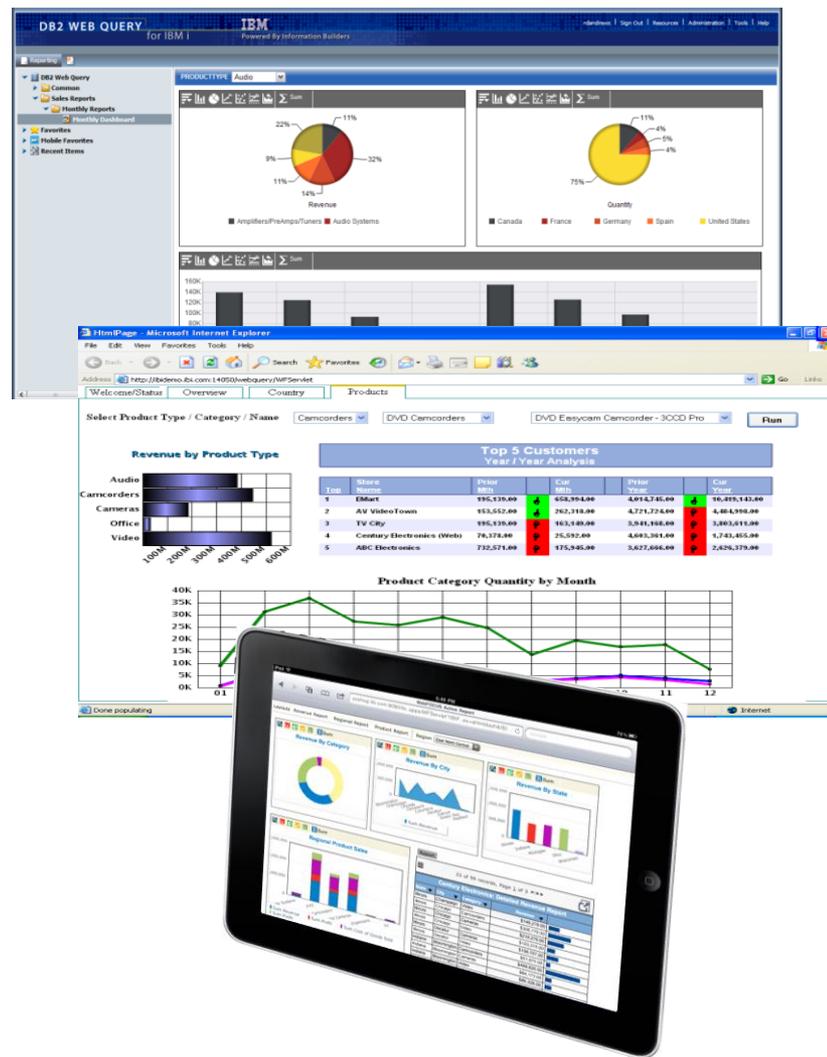
Schedule Id	Description	Next Run	Method	Distribution	Active	LOwner
SeVETw5AopW4v	Revenue report 04/26/2008 09:08AM	None	E-Mail	lmswan@us.Y	Y	swan
SHFrmdeBumeO	report1 04/25/2008 05:14PM	None	Managed	Managed	ReY	rdandrew
SB310pV93Wc3	Revenue Order by Product type	None	E-Mail	lmswan@us.Y	Y	swan
S13684s9m01	NEW Schedule	None	E-Mail	lmswan@us.Y	Y	swan
S13686id2h04	Revenue report 04/30/2008 08:20AM	None	E-Mail	lmswan@us.Y	Y	swan3
S1362nift101	RA1 Revenue 04/25/2008 12:05PM	None	E-Mail	lmswan@us.Y	Y	swan
S1363cco090i	Revenue report 04/25/2008 06:08PM	5/7/08 2:08 PM	E-Mail	lmswan@us.Y	Y	swan
S13651oai20s	Revenue Order count 04/26/2008 09:41A	None	E-Mail	distro@us.Y	Y	swan
S136525oai0v	Daily schedule of revenue report	5/7/08 3:00 PM	E-Mail	lmswan@us.Y	Y	swan
S13656nk8i06	Clone of repeating MR- revenue report	None	Managed	Managed	ReY	swan
S13656m8i09	report1 04/26/2008 11:10AM	5/7/08 4:10 PM	E-Mail	MvDist	Y	swan
S1365677cs02	repeating MR- revenue report	5/7/08 3:59 PM	Managed	Managed	ReY	swan
S13668coen0f	Revenue Using DIST file	None	E-Mail	/swan/mvdistY	Y	swan3
S1367m3iil0u	batchart	None	E-Mail	lmswan@chc.Y	Y	swan
S136855m120k	Clone of Daily revenue	Disabled	E-Mail	lmswan@us.Y	N	swan

# What's New?

# DB2 Web Query for i April 2012 Announce – Version 2.1

## Modernize Query/400 Reporting with Smarter Analytics for IBM i

- **New Product IDs (5733-WQe/WQs)**
- **New Core based pricing**
  - More flexible pricing options for multi-core configurations
  - Sub-capacity pricing with workload capping
- **Simpler Packaging Options**
  - Express Edition
    - Entry Level Package
    - Web Based Report Authoring and meta data management
    - Analytical functions
  - **OLAP, Excel plug In, Mobile Support**
  - Standard Edition adds:
    - Virtually unlimited run time user support
    - Report distribution functions
    - Application Integration APIs
    - Microsoft SQLServer Adapter



## v2.1 – Simplified product structure



### From current product(s) (v1.1.2):

- **BASE – 5733-QU2**
  - Number of Users
- **OPTIONS**
  - Option 1 Active Reports
  - Option 2 OLAP
  - Option 3 Developer Workbench
  - Option 4 Run Time User Enablement
  - Option 5 Spreadsheet Client
  - Option 6 Microsoft SQL Server Adapter
  - Option 7 JD Edwards Application Adapter
  - 5733QU3 Report Broker
  - 5733QU4 SDK
  - Lab Services 5250 Reporting Extension



### To new product (v2.1):

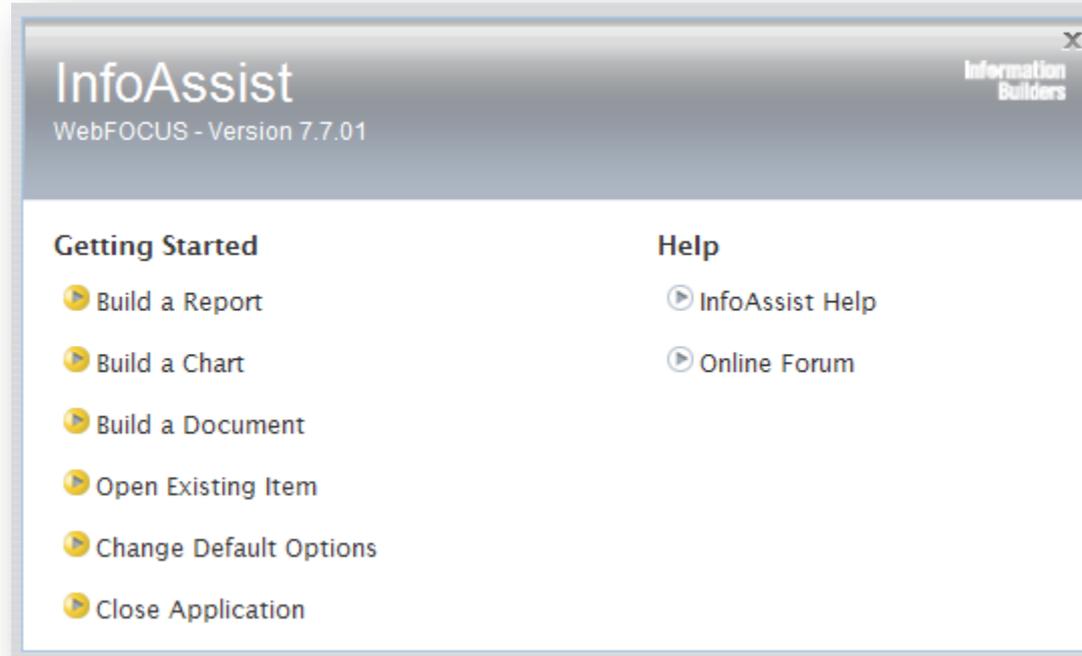
- **Express Edition (5733-WQe)**
  - Entry Level Reporting Solution
  - Analytical Reports for Limited Number of Users
  - Optionally add additional users
- **Standard Edition (5733-WQs)**
  - Robust BI Solution
  - Report Distribution
  - Application Integration
  - Extended database access support (SQL Server)
  - Virtually unlimited Run Time Support
  - Optionally add additional users, run time groups, or JDEdwards Adapter

Acronyms: **QU1** = Query/400 **QU2, QU3, QU4** = DB2 Web Query V1.1.x  
**WQe, WQs, and WQx** = DB2 Web Query V2.1

## IBM DB2 Web Query for i – InfoAssist

### InfoAssist splash screen

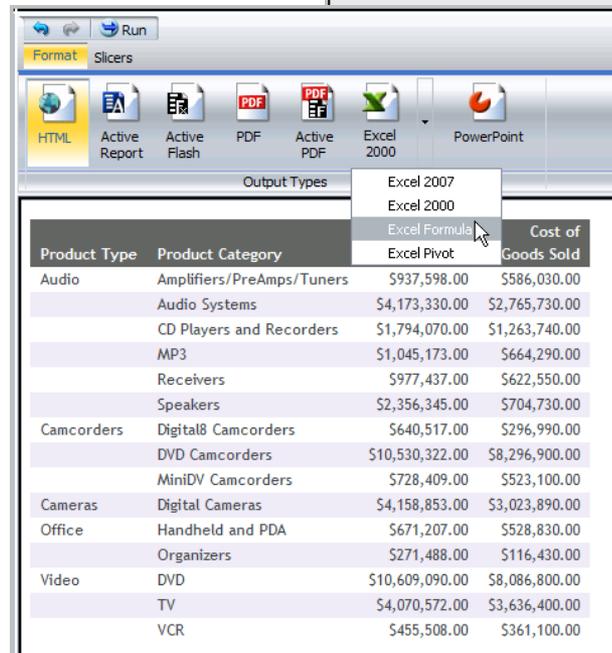
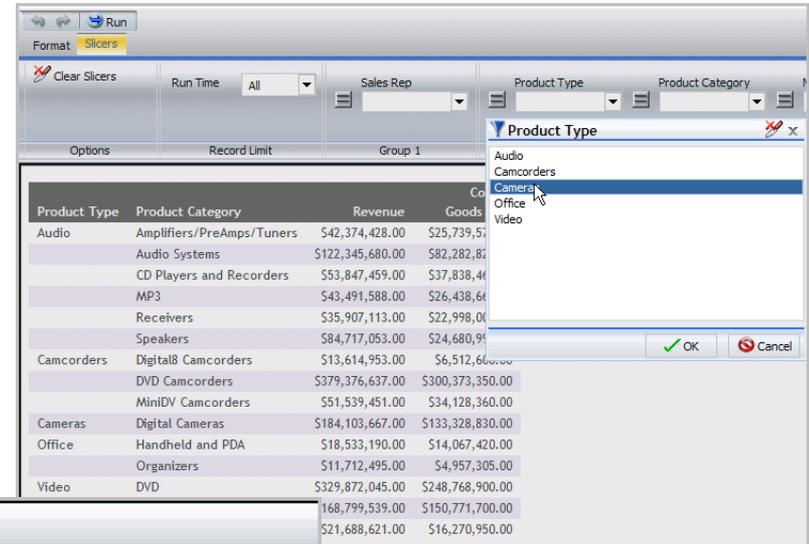
- **Can create a single report**
  - Replace Report Assistant
- **Can create a single graph**
  - Replace Graph Assistant
- **Can create a document**
  - Replace Power Painter
- **Can start with a single report or single graph and escalate them into a document and add additional elements**
  - Additional reports
  - Additional graphs
  - Text
  - Images



Note: Report Assist, Graph Assist, and Power Painter no longer exist in V2

# InfoMini – Simplified Parameter Driven Reporting Option

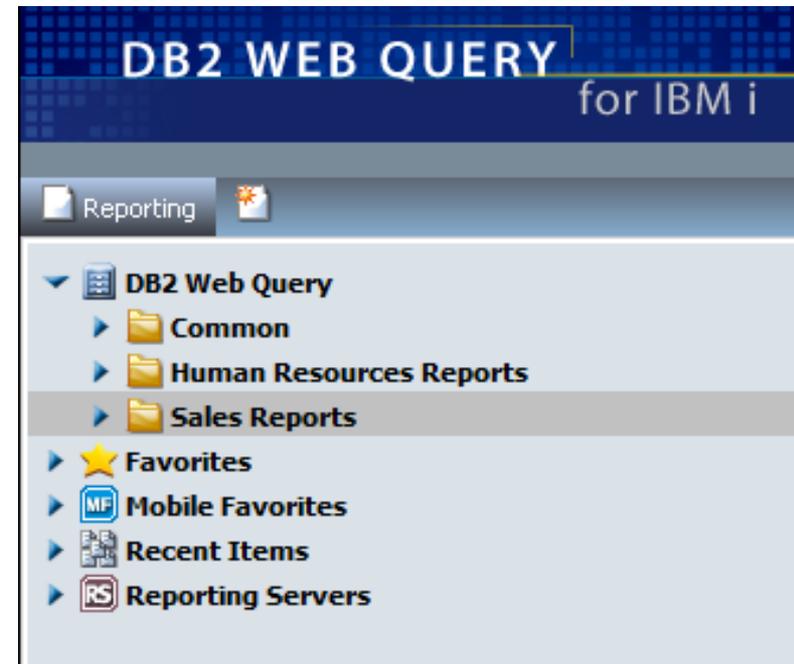
- **Create report “slicers”**
  - Filters selected by users at run time
- **Dynamic, user selected output format**
  - Selected by users at run time



## New User Interface – BI Portal

### ▪ Resource Tree

- Web Query Repository
  - Contains Procedures, Schedules, Distribution Lists, logs, HTML files, bitmaps.
  - Not metadata
  - Top Level Folders (like V1 Domains)
- Favorites
- Mobile Favorites
  - Allows mobile device quick access to these procedures
- Recent Items
  - Lists what was recently run by the user
- Reporting Servers
  - Metadata
  - Only for Web Query Administrators
  - Manage synonyms across app folders
- Create custom tabs/pages (build dashboards)



## Customizing the BI Portal (BIP)

DB2 WEB QUERY for IBM i
cobbg | Sign Out | Resources | Administration | Tools | Help

Reporting Page 1

### Country revenue Pareto chart

### Quantity and Returns chart

### Revenue Pie Chart

### Web Query Resource

- Filter
- DB2 Web Query
  - Common
  - Gene Cobb
    - Country revenue Pareto chart
    - Profit Margin Gauge Chart
    - Quantity and Returns chart
    - Revenue Pie Chart
    - Revenue report
- Favorites
- Mobile Favorites
- Recent Items
- Reporting Servers

### Revenue report

Country	Region	Product Type	Revenue	Cost of Goods Sold
Canada	Eastern Canada	Audio	37616954.00	21846060.00
		Camcorders	45235747.00	34610600.00
		Cameras	18378011.00	13264700.00
		Office	2433726.00	1531580.00
		Video	50031547.00	39638500.00
	Western Canada	Audio	6280375.00	3398730.00
		Camcorders	8215175.00	6292240.00
		Cameras	2565871.00	1845580.00
		Office	424715.00	241640.00
		Video	10531925.00	8241240.00
<b>Subtotals for Canada</b>			<b>181714046.00</b>	<b>130910870.00</b>
France	Ile de France	Audio	3953754.00	2253760.00
		Camcorders	4518827.00	3526590.00
		Cameras	1582796.00	1147740.00
		Office	161576.00	99685.00
		Video	4989729.00	3936500.00
Nord-Pas-De-Calais			2610312.00	1476660.00

### Profit Margin Gauge Chart

Product Category: Digital Cameras

Run in a new window

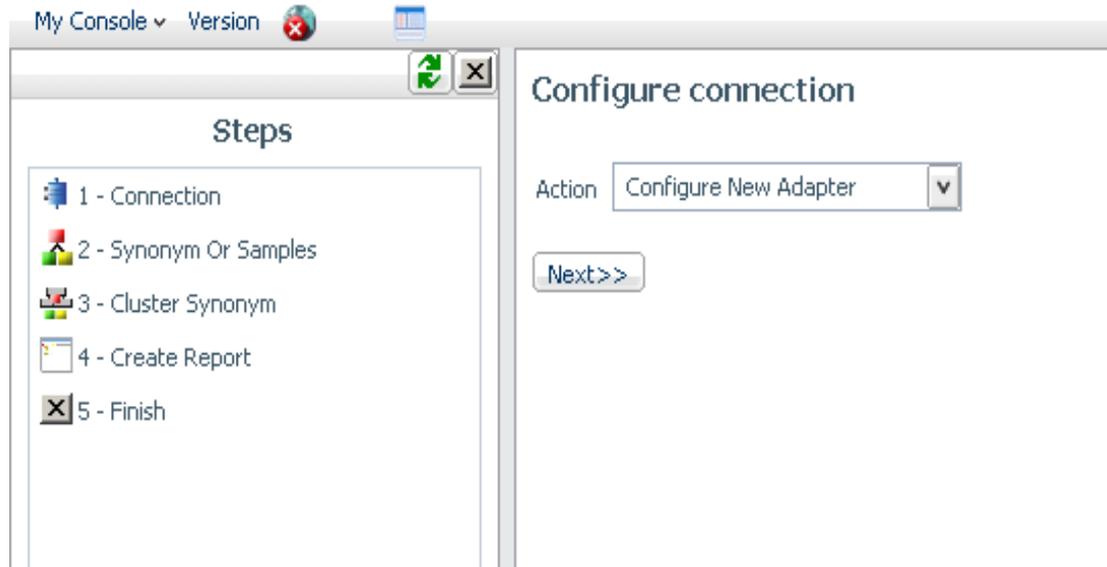
## Web based Metadata Wizard

- **Web based Metadata Management**

- Metadata Wizard to guide new users to get at their data and produce a meaningful report

- Data Adapter management
    - Create Synonyms
    - Cluster Synonyms
    - Launch InfoAssist

- **Does NOT replace all functions of Developer Workbench**



## Role Based Security Model

- **UOA (Universal Object Access) Security**

- More granular control of objects
- Rules define what a user can or cannot do and are made up of:
  - Groups (Roles) – container of users or subgroups with similar capabilities.
    - Each top level folder will automatically create 6 groups/roles.
      - Folder-Run
      - Folder-Analyst
      - Folder-Developer
      - Folder-DBA
      - Folder-Sched
      - Folder-Admin
  - Users – unique ID
  - Folders – contain Managed Reporting (MR) content.
    - No limit to folder depth

## Query Modernization Service

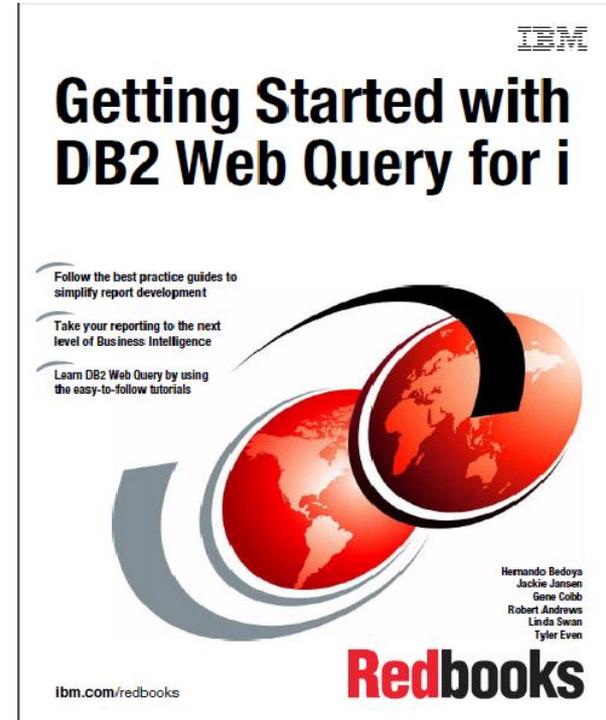


- Problem Statement:
  - 1000's of Query/400 definitions
  - Many are redundant but its not understood which ones
  - Many are obsolete but we don't know which ones
  - Most are used to build extracts into another tool (spreadsheet, BI)
  - Query/400 is old and antiquated, cannot take advantage of the latest in DB2 technology
  
- Where do you start ?
  - Understand the Query/400 definitions (DISCOVER)
    - What are the tables/files most often accessed? What are the fields being selected? What are the join criteria being established
  - Understand the Query/400 usage (ANALYZE)
    - What queries are active? Which ones are obsolete? What is the end goal of the queries
  - Convert Where Possible
    - Use the information gathered to build a roadmap to modernization
    - Convert appropriate queries identified in process to DB2 Web Query
  - IBM Lab Services has developed tools and Methodologies to help you modernize
  
- Possible outcomes
  - Roadmap establishing a process and “best practices” for modernizing the queries
  - Education and getting started with DB2 Web Query services
  - Prototyping

For more information, contact  
Doug Mack ([mackd@us.ibm.com](mailto:mackd@us.ibm.com))

## New Redbook On the Way

- **DB2 Web Query Original Redbook Delivered in 2008**
- **Most Popular DB2 for i Redbook**
- **Project Oriented – not regularly updated generally**
  - Updated in 2010
  - Supplemented with InfoAssist Tutorials in 2011
- **New Redbook for V2.1 Coming in FALL !!!**
  - Will be accessible from GETTING STARTED tab on [www.ibm.com/systems/i/db2/webquery](http://www.ibm.com/systems/i/db2/webquery)



# DB2 Web Query Home Page

[www.ibm.com/systems/i/db2/webquery](http://www.ibm.com/systems/i/db2/webquery)

- **Self Running Demos**
  - 40 minute overview
  - 75 minute deeper dive
  - Links to webinar series
- **Helpful Getting Started Tab**
  - Latest Installation Instructions
  - Links to our “community”
  - Education and RedBook Offerings
  - Recent Articles (tips and techniques)
- **Additional Product Information**
- **Access to Developer Workbench trial**
- **Papers**
  - FAQs
  - Smarter Analytics with IBM i for Business Intelligence
  - How Run Time Enablement Works

The screenshot shows the IBM DB2 Web Query for i product page. The page layout includes a top navigation bar with the IBM logo and a search box. Below the navigation bar, there are tabs for Home, Solutions, Services, Products, Support & downloads, and My IBM. The main content area is titled "IBM DB2 Web Query for i" and features a central image of data analysis dashboards. To the left of the main content is a sidebar with a navigation menu for IBM i, including Advantages, Hardware resources, Virtualization, Software, Support and services, Resources, and News. Below the main content, there are tabs for Overview, Advantages, Features & benefits, and Getting started. A "Highlights" section lists key benefits, such as modernizing Query for i reports and reducing IT support. The page also includes sections for Business Intelligence, Customer successes, and a "We're here to help" sidebar with chat and buy options.

## Important Links

- **IBM developerWorks site for DB2 Web Query**

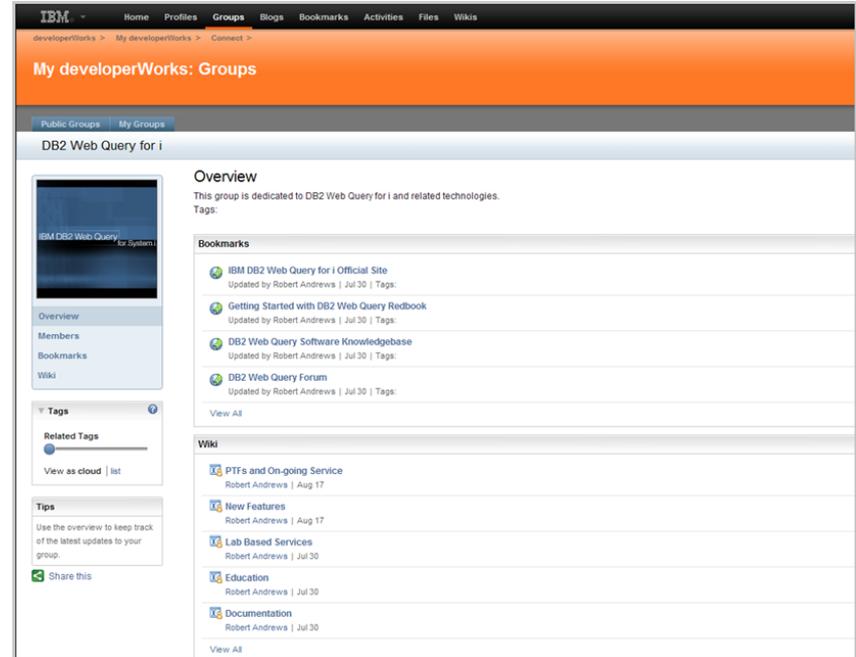
[www.ibm.com/developerworks/spaces/DB2WebQuery](http://www.ibm.com/developerworks/spaces/DB2WebQuery)

- Registration Recommended
- KnowledgeBase
- **Forum**
- **WIKI – Repository of technical info**

- **DB2 Web Query home page**

[www.ibm.com/systems/i/db2/webquery](http://www.ibm.com/systems/i/db2/webquery)

- Self running demos
- Links to recent announcements
- Customer success stories



- **Getting Started with DB2 Web Query Redbook**

<http://www.redbooks.ibm.com/abstracts/sg247214.html>

- Tutorial Driven
- Download Sample Database