



IBM System i™

iSeries Access Family – What's New?

<http://www.ibm.com/eserver/series/access>

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IBM Rochester – iSeries Access Development

i want stress-free IT.

i want control.

*i want an **i**.*

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This publication may refer to products that are not currently available in your country. IBM makes no commitment to make available any products referred to herein.

iSeries Access Family Products

Linux (native)



iSeries Access for Linux

Windows (native)



iSeries Access for Windows

Wireless



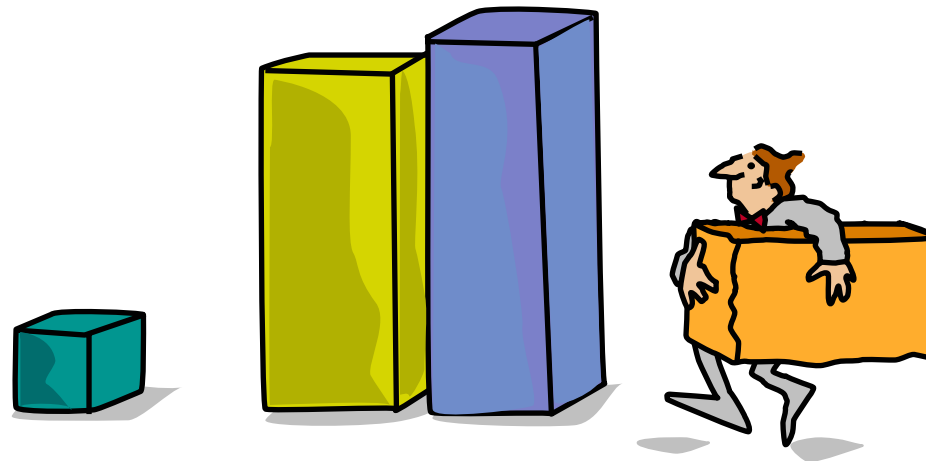
iSeries Access for Wireless

Browser-based



iSeries Access for Web

Packaging & Ordering



iSeries Access Family Packaging

V5R4 5722-XW1 iSeries Access Family	V5R3 5722-XW1 iSeries Access Family	V5R2 5722-XW1 iSeries Access Family
<ul style="list-style-type: none"> • iSeries Access for Windows, 5722-XE1, V5R4 	<ul style="list-style-type: none"> • iSeries Access for Windows, 5722-XE1, V5R3 	<ul style="list-style-type: none"> • iSeries Access for Windows, 5722-XE1, V5R2
<ul style="list-style-type: none"> • iSeries Access for Web, 5722-XH2, V5R4 	<ul style="list-style-type: none"> • iSeries Access for Web, 5722-XH2, V5R3 	<ul style="list-style-type: none"> • iSeries Access for Web, 5722-XH2, V5R2
		<ul style="list-style-type: none"> • WebSphere Host Publisher, 5724-B81, V4.0, 5724-B81, V4.01
	<ul style="list-style-type: none"> • HATS Limited Edition V5.0, 5724-F97-01 	<ul style="list-style-type: none"> • HATS Limited Edition V4.0 5724-D34-01
<ul style="list-style-type: none"> • iSeries Access for Linux, 5722-XL1 	<ul style="list-style-type: none"> • iSeries Access for Linux, 5722-XL1, V1.10 	<ul style="list-style-type: none"> • iSeries Access for Linux, 5722-XL1, V1.0
<ul style="list-style-type: none"> • iSeries Access for Wireless, 5722-XP1, V5R4 	<ul style="list-style-type: none"> • iSeries Access for Wireless, 5722-XP1, V5R3 	<ul style="list-style-type: none"> • iSeries Access for Wireless, 5722-XP1, V5R2
	<p>V5R3 customers not wanting to upgrade to i5/OS V5R4 but want the new V5R4 iSeries Access Family clients can order no-charge Feature No. 2648 of Product No. 5722-XW1</p>	

Host Access Transformation Services Limited Edition (HATS LE)

Formerly in iSeries Access Family (5722-XW1): HATS LE is not included in V5R4

HATS LE was removed from the V5R3 iSeries Access Family deliverables in May 2006.

- **Orders for the V5R3 product placed prior to May 1, 2006 will include HATS LE with other iSeries Access Family products.**
- **Orders placed on or after May 1, 2006 will not include HATS LE.**
- **HATS LE will continue to have IBM Technical support as long as OS/400 V5R2 and i5/OS V5R3 are supported.**

Suggested Replacements:

- **Use the 5250 emulation program in iSeries Access for Web**
- **If you additionally want to modernize your host applications, then consider using WebSphere Host Access Transformation Server (HATS). For more information on HATS, go to www.ibm.com/software/webservers/hats.**

Products - Focus

Description	Product	Product Number	Need 5722-XW1 to use
Family Name	➤ iSeries Access Family	5722-XW1	
Windows client	➤ iSeries Access for Windows	5722-XE1	Yes (for 5250 and Data Transfer)
Linux client	➤ iSeries Access for Linux	5722-XL1	Yes (for 5250)
Browser Access	➤ iSeries Access for Web	5722-XH2	Yes
Handheld / Wireless offering	➤ iSeries Access for Wireless ➤ iSeries Toolbox for Java ME	5722-XP1	No
OS/400 systems management	➤ iSeries Navigator ➤ Operations Console ➤ EZ-Setup	Packaged in 5722-XE1	No

Flexible Purchase Options

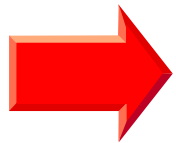
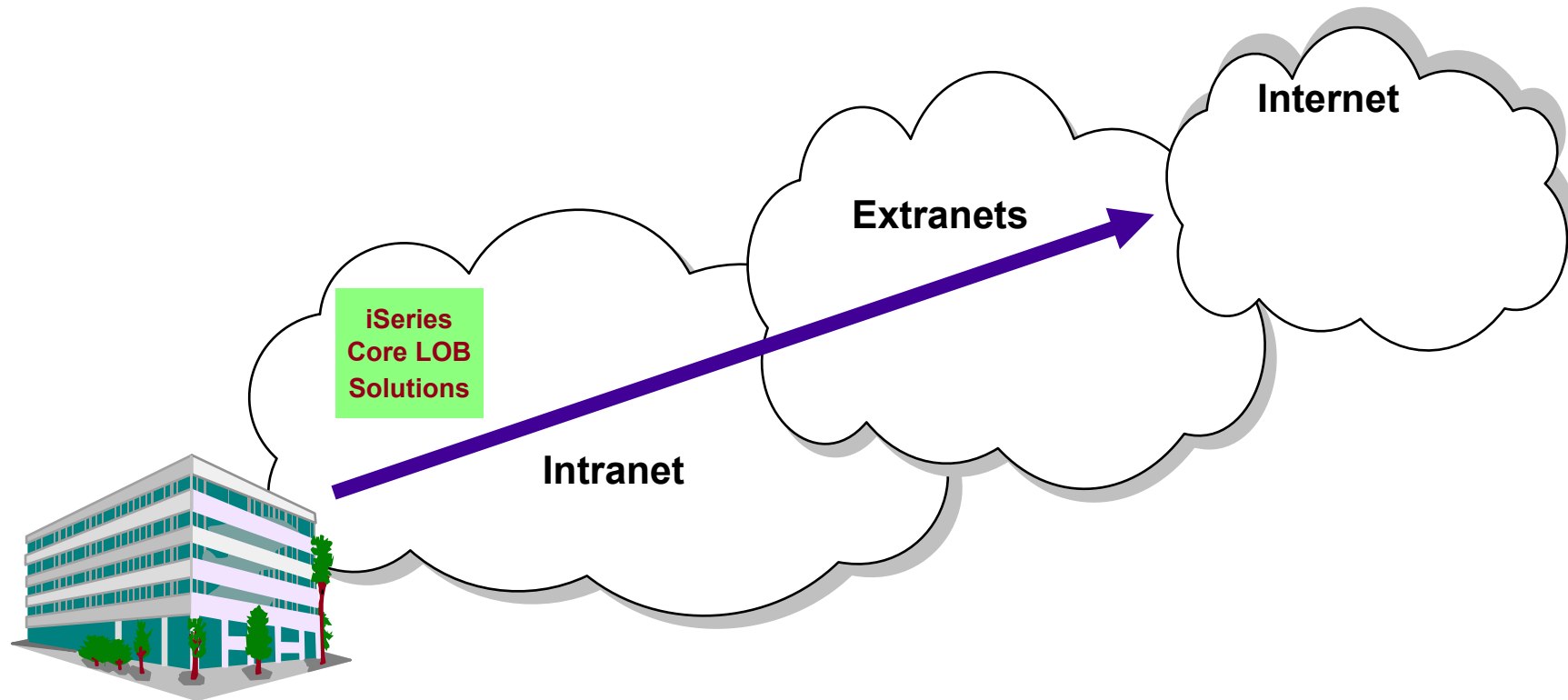
Processor-Based = purchase price based on software tier, connect unlimited numbers of users

User-Based = purchase only number of users who will be concurrently connected

Note: Can upgrade from User-Based to Processor-Based, but cannot go back to User-Based after purchasing Processor-Based

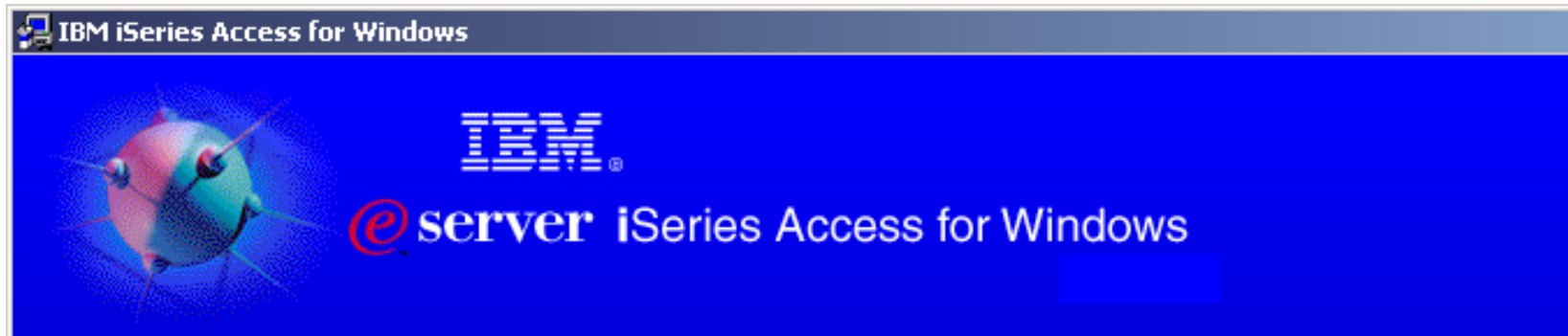
Software maintenance included in base OS/400 software subscription

Core LOB Solutions



Looking for highly functional and integrated solution for:

- **Windows servers and Windows desktop users**
- **iSeries administration and operation**



**iSeries Access for
Windows
5722-XE1
V5R4**

iSeries Access for Windows

innovative...
integrated...
impressive...
...iSeries

iSeries Access for Windows... the strategic choice for interacting with and managing your iSeries servers.

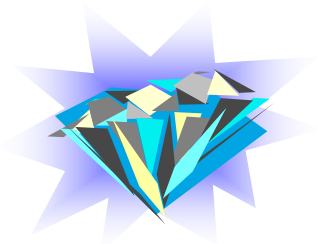
www.ibm.com/eserver/series/access

www.ibm.com/eserver/series/access/windows

Integrating native Windows with System i

Want a single solution for working with all iSeries resources...

- A single offering designed for Windows users that provides:
 - High-function, easy-to-use 5250 emulator to work with iSeries applications
 - A PC print server that OS/400 output can be sent to and run unattended
 - Access to iSeries database and other resources from Windows applications
 - Ability to use iSeries as file and print server
 - Administer users and monitor/manage iSeries servers in the network
- No special web application server code required
 - All code runs natively on the Windows
- It's all in iSeries Access for Windows
 - PC5250 emulation, Data Transfer, ODBC, etc for end users and Windows programmers
 - iSeries Navigator for iSeries operators and administrators
 - Operations Console to work with OS/400 system console
 - EZ-Setup to quickly and easily set up new iSeries servers



- The most comprehensive iSeries native Windows connectivity solution in the market
- 90+% of iSeries customers already using iSeries Access for Windows

Supports Microsoft operating environments...

Microsoft Transaction Services (MTS)

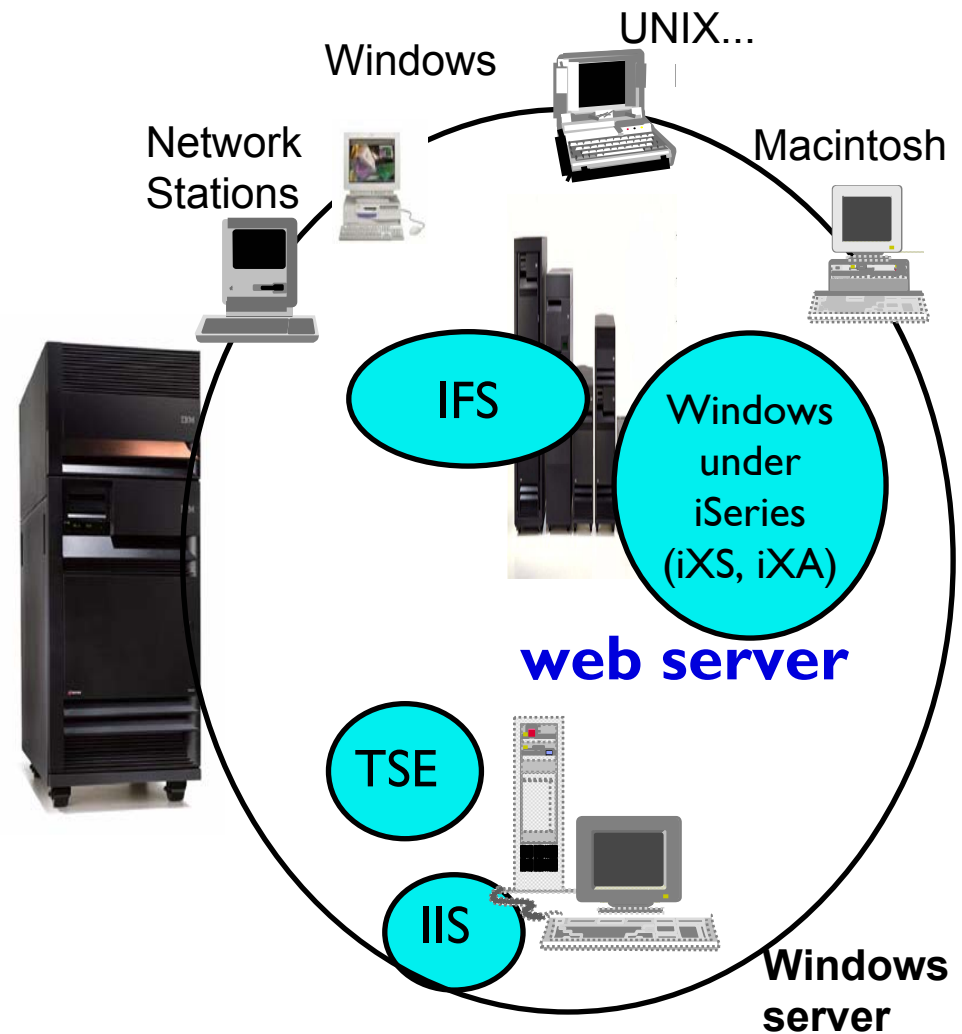
- example, an Auction House application where may need to back out transactions (ie, 2-phase commit)

Terminal Server Edition (TSE)

- iSeries Access runs on a Windows server, and enables multiple simultaneous users (such as Network Stations, DOS, Unix, or Macintosh) work with iSeries resources

Internet Information Services (IIS)

- Provides a Web application infrastructure for Windows Servers. iSeries Access runs on server, and fulfills requests for iSeries data (ie, ODBC, OLE DB, etc)



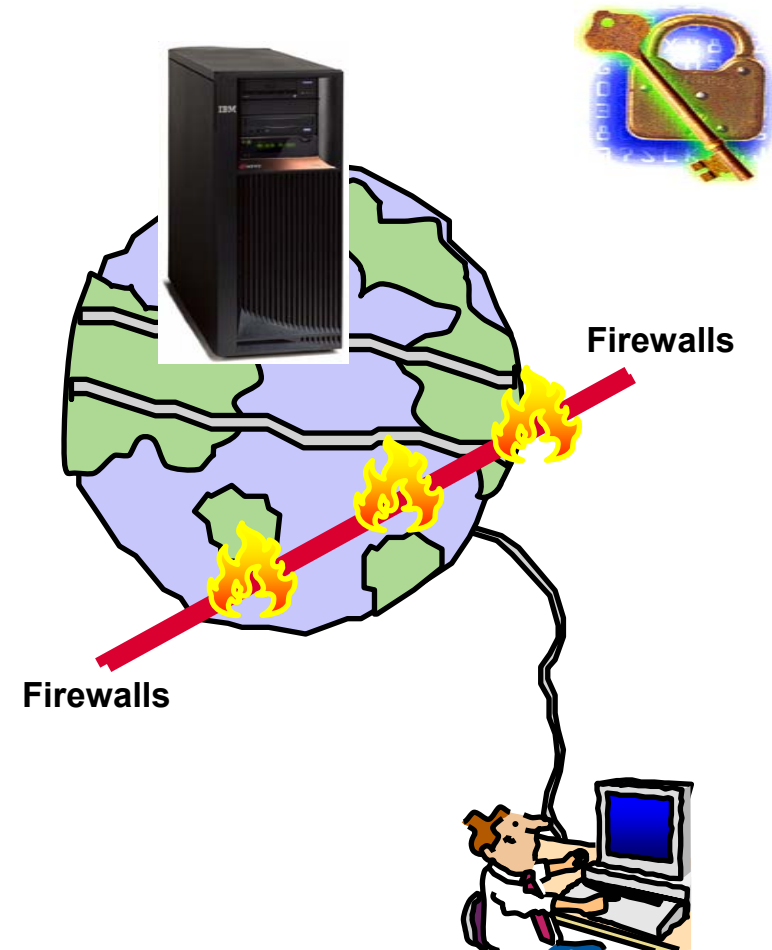
Supports leading network and security offerings...

Security

- **Secure Sockets Layer (SSL)**
 - Including SSL client authentication
- **Kerberos**
 - Enterprise Identify Mapping (EIM) can be used with Kerberos
- **Long passwords**

Networking

- **Virtual Private Networks (VPN)**
 - Tunneling protocol and encryption to ensure secure communications
- **NAT (Network Address Translation)**
 - Hides System i address when on Internet



**If you do it on System i,
you can do it with
iSeries Access for
Windows...**

Windows Operating Systems

The V5R4 version of iSeries Access for Windows can be installed on:

- Windows 2000
- Windows XP Professional
- **Windows XP Tablet PCs**
- Windows 2003 Server

64-bit Processors supported*

- **Advanced Micro Devices (AMD64)**
- **Intel with EM64T**
- Intel with Itanium



V5R3 iSeries Access for Windows installs on:

- Windows **NT 4.0**, 2000, XP, 2003

V5R2 iSeries Access for Windows installs on:

- Windows **98**, **ME**, NT 4.0, 2000, XP, 2003

V5R1 iSeries Access for Windows installs on:

- Windows **95**, 98, and ME, NT 4.0, 2000, XP

Refer to www.ibm.com/eserver/series/access/supportedos.html for the latest information

PC5250 updated (Personal Communications 5.8)

Key enhancements include:

- Support to associate printer sessions with display sessions
- A new configurable, printer session window that provides host, printer, and page setup support.
- New programming interfaces (APIs) to retrieve and modify Page Setup and Printer Setup information
- Additional bi-directional enablement
- New automation objects support for the .NET environment



The 5250 emulator (PC5250), integrated with iSeries Access for Windows, is the Version 5.8 of IBM Personal Communications

iSeries ODBC Driver



ODBC

Most popular database access method from a Windows application

Runs on 32-bit and 64-bit Windows O/S



Compliant with Microsoft ODBC Version 3 specification

- **PC applications can now take advantage of new functions included in the 3.5 Specification.**

ODBC Enhancements – V5R4, V5R3, V5R2

V5R4 Enhancements	V5R3 Enhancements	V5R2 Enhancements
<p>Requires i5/OS V5R4</p> <ul style="list-style-type: none"> ▪ 128-byte column names ▪ Maximum SQL statement lengths of 2,097,152 bytes or 1,048,576 characters ▪ Support for IBM Enterprise Workload Manager (eWLM) correlator ▪ Support for lock sharing between loosely coupled transactions <p>OS/400 V5R2 or later</p> <ul style="list-style-type: none"> ▪ Improved support for delimited names 	<ul style="list-style-type: none"> ▪ Support for BINARY / VARBINARY data types ▪ Support for UTF-8 / UTF-16 data ▪ Support for increased precision of decimal numbers ▪ Enhanced MTS support ▪ ANSI / ISO (American National Standards Institute / International Standards Organization) Core Level SQL standard of 1999 	<ul style="list-style-type: none"> ▪ 64K SQL Statements ▪ Additional descriptor information ▪ MTS Support (actually shipped in V5R1)

iSeries OLE DB Provider



OLE DB

Microsoft-recommended
Access for 32-bit Windows
applications



- Record level access
- Data Queues
- Stored Procedures
- SQL
- Remote Commands
- ODBC



plus add-ins for Visual Basic

OLE DB Provider supports OLE DB 2.5

Visual Basic Programming Aides

The screenshot displays the Microsoft Visual Basic IDE interface. The main window is titled "Project1 - Microsoft Visual Basic [design] - [Form1 (Form)]". The menu bar includes File, Edit, View, Project, Format, Debug, Run, Query, Diagram, Tools, Add-Ins, Window, and Help. The Express Toolkit menu is open, showing options such as Link Tables..., Link Stored Procedures..., Link Data Queues..., Link Commands..., Link Programs..., Create Form from Links..., Work with Stored Procedures..., Work with Data Queues..., Options..., and Help... The Properties window on the right shows the Caption property for the selected object, with a description: "Returns/sets the text displayed in an object's title bar or below an object's icon." A yellow text box is overlaid on the design surface, containing the following text:

- **Wizards to aid in developing Visual Basic applications**
- **Sample programs for IE, PowerBuilder, Delphi, Visual C++, Lotus 1-2-3**

plus add-ins for Visual Basic

OLE DB Enhancements – V5R4, V5R3, V5R2

V5R4 Enhancements	V5R3 Enhancements	V5R2 Enhancements
<p>Requires i5/OS V5R4</p> <ul style="list-style-type: none"> ▪ 128 byte column names ▪ Maximum SQL statement lengths of 2,097,152 bytes or 1,048,576 characters ▪ Support for IBM Enterprise Workload Manager (eWLM) correlator <p>OS/400 V5R2 or later</p> <ul style="list-style-type: none"> ▪ System naming and library list ▪ Improved support for delimited names 	<ul style="list-style-type: none"> ▪ New SQL-only provider (IBMDASQL) <ul style="list-style-type: none"> • SQL commitment control using IBMDASQL • MTS support using IBMDASQL ▪ SQL <ul style="list-style-type: none"> • Custom blocking in SQL • SQL data compression • SQL package support ▪ New Record-Level Access-only provider (IBMDARLA) <ul style="list-style-type: none"> • Record-level access support for forward-only cursors and blocked reads using IBMDARLA ▪ Supports updatable cursors for the SQL dialect ▪ Database BINARY and VARBINARY data types ▪ Database larger decimal precision support ▪ Unicode support <ul style="list-style-type: none"> • UTF-8 & UTF-16 support 	<ul style="list-style-type: none"> ▪ Custom properties added <ul style="list-style-type: none"> • Force Translate (translate CCSID 65535 data) • Default Collection • Catalog Library List • Convert Date Time To Char ▪ Supports updatable cursors for the SQL dialect ▪ Supports ROW-ID ▪ 64K SQL Statements ▪ Additional descriptor information ▪ Is thread safe ▪ OLE DB provider work with Windows products, such as: <ul style="list-style-type: none"> • Visual Basic 6.0 OLE DB controls and wizards • ADO 2.5 – ships with Microsoft Windows 2000 • ADO 2.1 - ships with Microsoft IE 5.0 and Office/2000 products • An OLE DB interface is provided to support ADO recordset Seek (ADO 2.x)

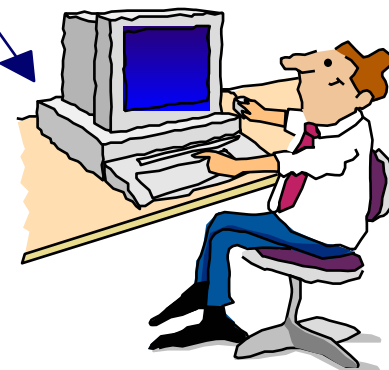
iSeries .NET Provider



.NET

The next big wave in Microsoft technology

Runs on 32-bit and 64-bit Windows O/S



Microsoft's Technology Roadmap

Today

- DB-Library ←-----|-----→
- ESQL ←-----|-----→
- DAO ←-----|-----→
- ODBC ←-----|-----→
- ADO/OLEDB ←-----|-----→
- ADO.NET ←-----|-----→



The .NET provider is named **IBM.Data.DB2.iSeries**.

- It allows applications using Microsoft's .NET framework to access DB2 UDB for iSeries databases.

For complete documentation of the .NET Data Provider, see IBM DB2 UDB for iSeries .NET Provider Technical Reference.

.NET Enhancements – V5R4, V5R3

V5R4 Enhancements	V5R3 Enhancements
<p>Requires i5/OS V5R4</p> <ul style="list-style-type: none"> ▪ 128 byte column names ▪ Maximum SQL statement lengths of 2,097,152 bytes or 1,048,576 characters ▪ Support for IBM Enterprise Workload Manager (eWLM) correlator <p>Requires OS/400 V5R2 or later</p> <ul style="list-style-type: none"> ▪ System naming and library list ▪ Support for LOB data types ▪ Support for multiple active result sets per connection ▪ Customizable String processing for Char for Bit Data, Date, Time, Timestamp, Decimal, and Numeric data types ▪ Support for IntelliSense ▪ Additional sample programs ▪ Improved support for delimited names 	<p>Requires OS/400 V5R2 or later</p> <ul style="list-style-type: none"> ▪ SQL (INSERT,UPDATE, DELETE) ▪ Commitment Control ▪ Connection Pooling ▪ SQL naming ▪ Unicode ▪ Tracing ▪ Threads ▪ IASPs (multiple databases) ▪ Stored Procedure Support ▪ iSeries-specific Properties ▪ User-Defined Types <p>Supported later via SP SI15176</p> <ul style="list-style-type: none"> ▪ System Naming (/) ▪ Library List ▪ Large Objects (LOBs)

Redbook - SG24-6440

13,000+ downloads in first 12 months!

Integrating DB2 Universal Database for iSeries with Microsoft ADO.NET

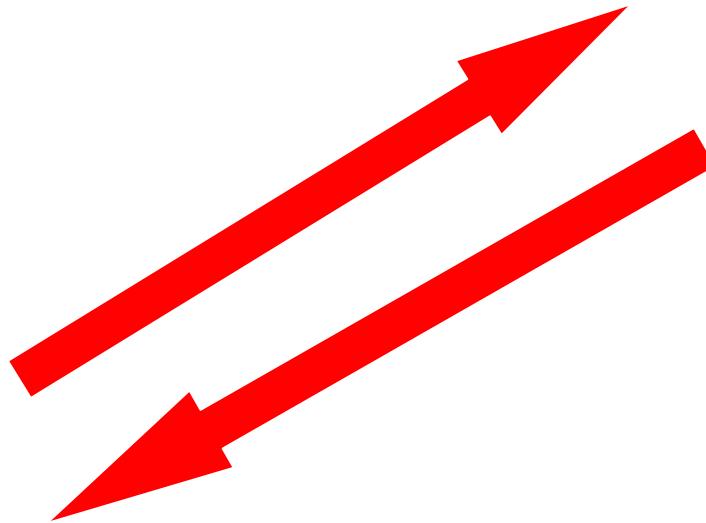
Customers have been using the IBM DB2 UDB for iSeries for many years with data access technologies such as ODBC and OLE DB. The newest data access technology from Microsoft is called ADO.NET. Applications that use ADO.NET with the iSeries can work with several different .NET providers:

- **The IBM.Data.DB2.iSeries provider, a .NET-managed provider new to iSeries Access for Windows in V5R3**
- **The IBM.Data.DB2 provider, a .NET provider that works with all IBM eServer platforms in conjunction with DB2 Connect**
- **The Microsoft System.Data.OleDb provider, as a bridge to one of the OLE DB providers included with iSeries Access for Windows (IBMDA400, IBMDASQL, and IBMDARLA)**
- **The Microsoft System.Data.Odbc provider, as a bridge to the ODBC driver included with iSeries Access for Windows**

This IBM Redbook shows customers how to use ADO.NET effectively to harness the power of DB2 UDB for iSeries, showing examples, best practices, pitfalls, and comparisons between the different ADO.NET data providers.

Data Transfer

- Copy Data to i5/OS database
- Copy Data from i5/OS database



Data Transfer Enhancements – V5R4, V5R3, V5R2

V5R4 Enhancements	V5R3 Enhancements	V5R2 Enhancements
<ul style="list-style-type: none"> ▪ Support MS Excel XML Spreadsheet format ▪ Support 128-byte column names ▪ Support PC selection of an independent auxiliary storage pool (IASP) ▪ Support creating and overwriting empty query result sets ▪ Improved support for delimited names (requires V5R4 SP1) 	<ul style="list-style-type: none"> ▪ Unicode enablement / New Unicode text file type <ul style="list-style-type: none"> • Support UTF-8 and UTF-16 data in DB2 database tables ▪ Support larger decimal precision ▪ Support BINARY and VARBINARY SQL data types ▪ Support most recently used request list and last directory in Excel Add-in ▪ Date/Time fields recognized by Data Transfer and now stored on DB2 for iSeries as 'date or time' field. ▪ Option to convert numeric to character when transferring to iSeries DB ▪ Support data compression for faster transfers 	<ul style="list-style-type: none"> ▪ Support for uploading more than 256 columns of data to a database file ▪ Add-ins for Excel to upload data directly from spreadsheet ▪ Support Excel V7 (BIFF7) and V8 (BIFF8) file formats. (Excel 97 and 2000 use V8 file formats) ▪ Support Lotus 123 V9 file format (with 65,536 rows) ▪ Support numeric cells within formula (Excel, Lotus 123) ▪ Support new iSeries database functions

iSeries Access for Windows Installer – Technology Preview

Available for customers who prefer to use the Microsoft Windows Installer technology.

- English National Language Version 2924 only
- Can be used on Microsoft Windows XP, Windows 2000, and 32-bit version of Windows Server 2003.

Download it from www.ibm.com/eserver/series/access/windows

- Detailed information on the features included in this Technical Preview.

The screenshot shows the IBM website interface for the iSeries Access for Windows Installer Technology Preview. The page includes a navigation menu with links for Home, Products, Services & solutions, Support & downloads, and My account. The main content area is titled "iSeries Access" and features a sub-header "Windows® Installer Technology Preview". Below this, a paragraph explains that the preview consists of an installation image using Windows Installer technology. A "Table of Contents" section lists links for Overview, What's new in this Preview?, Download the Technology Preview, Install the Technology Preview, and Feedback and report problems. An "Overview" section states that the preview is provided for customers who prefer Windows Installer technology and is only available on the website. An "Important notes" section highlights "Microsoft® operating systems" and lists the supported operating systems: Windows XP Professional, Windows 2000, and the 32-bit version of Windows Server 2003. A note indicates that the preview cannot be installed on other operating systems. The page also features a left-hand navigation menu with categories like iSeries Access Home, Announcements, Order/Upgrade, Products/Functions, Downloads, Service Packs (Fixes), Service Dates, Information APARs (Support Statements), FAQs, Windows(R) Operating Systems (2000/Me/XP/etc), Technical Support, Articles, IBM Library, Toolkit, iSeries Information Center, and Related links.

iSeries Access for Linux

www.ibm.com/eserver/series/access/linux

- **First available in Aug 2003**
- **Latest release available July 2006**

8000+ downloads to-date



What is iSeries Access for Linux?

iSeries Access for Linux includes the following features:

- **Full function 5250 emulator**
 - This function enables end users to work with i5/OS system screens and run host applications
- **ODBC driver**
 - This function enables your Linux PC applications to access information in DB2 UDB for iSeries
- **iSeries Access APIs**
 - RmtCmd, NLS, System Object...

Supported for use on the following:

- Linux operating systems with **Intel** processors and on **Power PCs**
 - **System i logical partition (LPAR)**



Designed to run natively on Linux operating systems

New July 2006: V5R4 iSeries Access for Linux is available

V1.0 – available July 7, 2006

Supports additional 64-bit platforms (PowerPC-64 and x86-64).

Available in 32-bit packages:

- 5250 emulator to work with System i host applications and screens

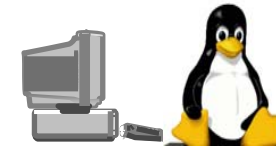
Available in both 32-bit and 64-bit packages:

- ODBC driver for accessing the DB2 Universal Database® (UDB) for iSeries
 - This driver is functionally equivalent to the 64-bit ODBC driver currently included in iSeries Access for Windows.
- Extended Dynamic Remote Support (EDRS) driver
 - For more information on ERDS, refer to the [XDA Web Site](#) and [iSeries Infocenter](#), "Extended Dynamic Remote SQL (EDRS) APIs" in the Programming -> APIs -> Database and File -> Database section.
- Includes support for:
 - Kerberos and Single Sign-On (SSO)
 - Bypass sign-on
 - An example SSL configuration

Full-function, Native 5250 emulator

The 5250 emulator contains a variety of functions, such as:

- Ability to provide a workstation/device ID
- Both 80 and 132 screen sizes
- Keyboardmapping (GUI)
- Macro support
- Record/playback
- Pop-up/pull-down keypads
- Screen print
- Asynchronously display server messages in the 5250 interface
- Option to Bypass OS/400 sign-on screen
- Kerberos and Single Sign-on (SSO)



```
MAIN OS/400 Main Menu System: WWSERIES
Select one of the following:
1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. Client Access/400 tasks
90. Sign off
Selection or command
==>
F3=Exit F4=Prompt F9=Retrieve F12=Cancel F13=Information Assistant
F23=Set initial menu
(C) COPYRIGHT IBM CORP. 1980, 2002.
```

Users Guide explains 5250 emulator functions

Refer to

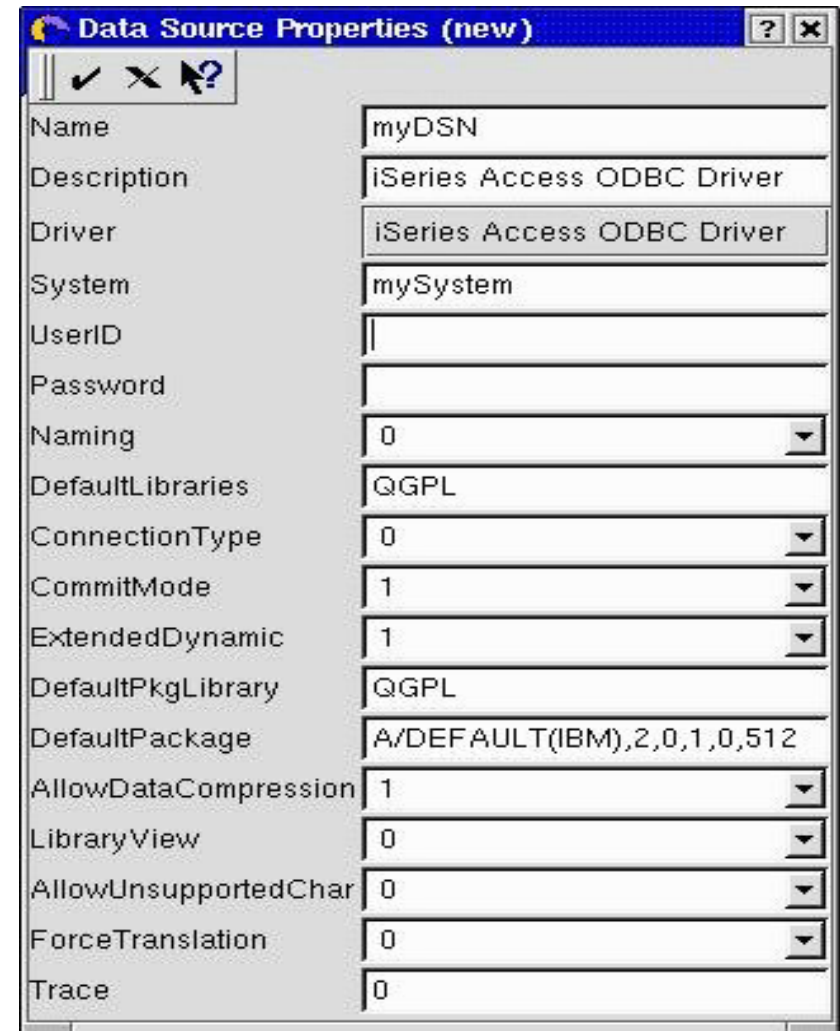
www.ibm.com/eserver/iseri es/access/linux/library.html for links to product doc

Native ODBC Driver

Extending the reach to iSeries data...

Can run ODBC applications, such as:

- **OpenOffice**
- **ODBC and PHP for Web Serving**
- **ODBC and Perl**
- **unixODBC DataManager**
 - “Explorer” type of application to manage DSNs
 - Run and view results of SQL requests
 - unixODBC 2.2.3 version ships DataManagerII with additional features
- **unixODBC isql**
 - Command line application
 - Neat way to generate simple HTML page with data tables
- **Your own applications...**



The high-function, best-performing iSeries ODBC driver (included in iSeries Access for Windows) was ported to run on Linux

Supports 3-tier environments

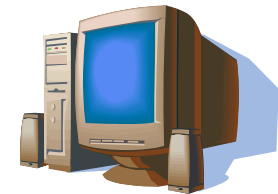
New `ibm5250 -STAND_ALONE` command line option.

Enables easy use of:

- Virtual Network Computing (VNC)
- Linux Terminal Server Project (LSTP)



iSeries



Linux
Server

VNC and LSTP
users



National Language Support - SBCS

5250 emulation menus and messages are available in many national language versions

- **The main emulator window labels and helper applications are translated and will display based on the \$LANG system environment variable**
- **The command line value – LANGID may also be used to set the language**
- **English text displayed for missing NLVs**

Language	Locale	Description
2922	pt_PT	Portuguese in Portugal
2924	en_US	English
2925	fi_FI	Finnish
2926	da_DK	Danish
2928	fr_FR	French
2929	de_DE	German
2931	es_ES	Spanish
2932	it_IT	Italian
2933	no_NO	Norwegian
2937	sv_SE	Swedish
2929	de_CH	German Swiss
2940	fr_CH	French Swiss
2942	it_CH	Italian Swiss
2963	nl_BE	Belgium
2966	fr_BE	French in Belgium
2980	pt_BR	Portuguese in Brazil
2981	fr_CA	French Canadian

National Language Support - DBCS

ibm5250 has been tested using the default XIM compliant IME's listed below.

Language	Simplified Chinese	Traditional Chinese	Japanese	Korean
XIME	xcin-zh_CN	xcin-zh_TW	kinput2	nabi
xx (MRI dir /opt/ibm/iserie sAccess/mri/xx)	zh	zh_TW	ia	ko
LANG	zh_CN	zh_TW	ia_JP	ko_KR
Font Encoding SB	iso8859-1	iso8859-1	jisx0201.1976-0	iso8859-1
Font Encoding SB	gb2312.1980-0	big5-0	jisx0208.1983-0	ksc5601.1987-0

iSeries Access for Linux (V1.0)

iSeries Access for Linux doesn't ship on iSeries Access LP media

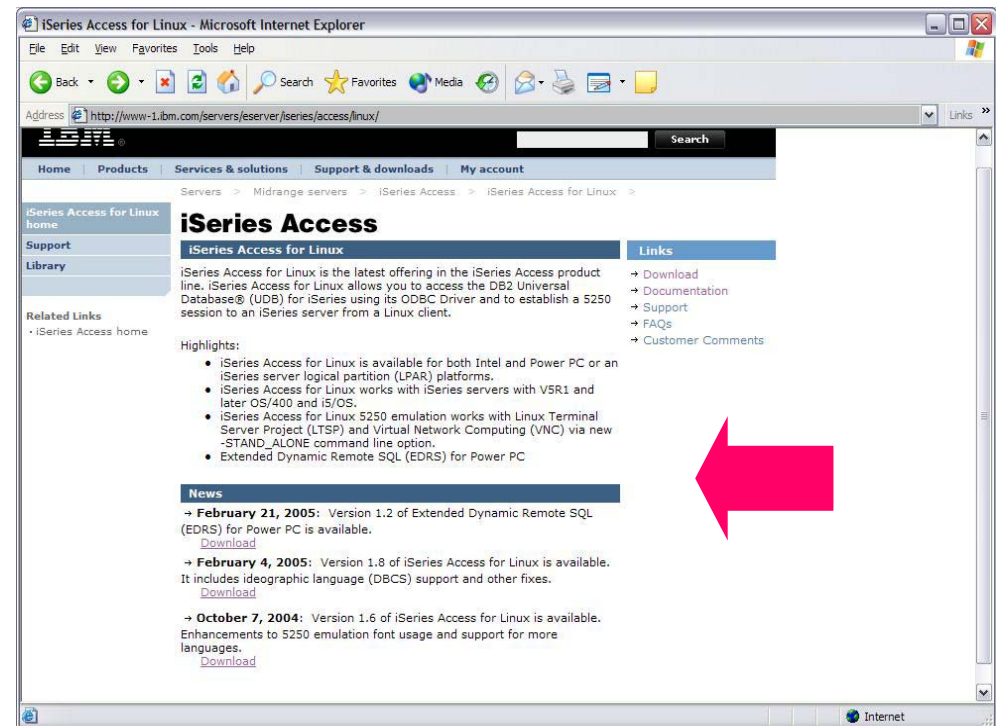
You can obtain iSeries Access for Linux in two ways:

Download from the web

- www.ibm.com/eserver/series/access/linux

Download via iSeries Access for Web.

- Select the 'Download' tab, then select the appropriate Access for Linux download



iSeries Access for Linux (all versions) fully supported through IBM SupportLine

iSeries Access for Web 'Download' Capability

Let users download iSeries Access for Linux by using iSeries Access for Web's 'Download' feature

iSeries Access for Web User: cminer System: RCHLAND.IBM.COM

My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Command
- Download
 - Downloads
 - Create download
- Customize
- Other

Downloads

[1]

Name	Description	File	Size	Action
Big File	More than 500 MB	big.rar	554,682,796	
iSeries Access for Linux (i386)	iSeries Access for Linux contains a full 5250 emulator and an enhanced ODBC driver. For more information see: http://www.ibm.com/eserver/iseries/access/linux/ .	iSeriesAccess-5.2.0-1.6.i386.rpm	4,101,266	
iSeries Access for Linux (PPC)	iSeries Access for Linux contains a full 5250 emulator and an enhanced ODBC driver. For more information see: http://www.ibm.com/eserver/iseries/access/linux/ .	iSeriesAccess-5.2.0-1.6.ppc.rpm	4,291,646	
Windows AFP Viewer Plug-in	The AFP Viewer plug-in lets you view AFP documents from a Web browser.	gnsp32dm.exe	9,997,972	

You can also go out to our demo web site at:



<http://iseriesd.dfw.ibm.com/webaccess/iWAPackages> (userid is WACUST, password is DEMO2PWD) and see iSeries Access for Web 'Download' capabilities

iSeries NetServer: Supports Linux Clients

iSeries NetServer was expanded to support **Linux** clients.

- Thus iSeries NetServer provides the same file and print sharing functions to Linux users as it does for Windows users.

- Linux clients (with kernel Version 2.4.3 or higher) with SAMBA (Version 2.0.7 or 2.2) can access the System i

- This function was added in OS/400 V5R2

- and a PTF in OS/400 V5R1

The iSeries administrator can easily control what files and printers a Linux user can access



For additional information, see:

<http://www.ibm.com/eserver/iserries/netserver>

Combine iSeries Access for Web for a complete Linux solution

Print

- Printer output
- PDF Printer output
- Printers
- PDF Printers
- Internet Printers
- Internet Printer Shares
- Printer shares
- Output Queues

5250

- Active Sessions
- Start 5250 Session
- Configured Sessions
- **Bypass Sign-on**

Files

- Browse Files
- **Browse File Shares**
- File Shares

Messages

- Display Messages
- Send Messages
- Sametime
- Operator Messages
- Message Queue

Database

- Tables
- My Request
- Run SQL
 - **Open Office Formats**
- Copy Data to Table
- Import Requests
 - iSeries Access for Windows
 - **Query Manager**
 - **Query/400**
- Extract Server Data

Commands

- Run commands
- My commands
- Search

My Personal Folder

Jobs

- User Jobs
- Server Jobs

Customize

- Preferences
- Policies
- Settings
- **Transfer configuration**

Download

Other

- Bookmarks
- Change Password
- Connection Pool
- Status
- Trace
- About

My Home Page
 My Folder
Print
Messages
Jobs
5250
Database
Files
Command
Download
Customize
Other



Use iSeries Access for Web with OpenOffice data

- Upload OpenOffice spreadsheet information to iSeries Database
- Download iSeries database information into OpenOffice spreadsheet
- Provide pre-defined database requests for users to run
 - Shortcuts to My Requests

iSeries Access for Web User: cminer System: R

Run SQL

SQL Statement

SQL Wizard

SQL Output

Type: Preview

Destination:

Format

Date: 2/1/0

Time: 4:30

Connection:

Run SQL Save Request...

Settings Settings

AND.IBM.COM

Redbook: Linux on IBM i5 Implementation Guide (2nd edition)

This IBM Redbook is about Linux implementation on the new IBM i5. With brand new technologies of POWER5 and IBM Virtualization Engine, Linux on i5 is even more powerful, scalable, and flexible. We also have new versions of Linux distributions that are available for Linux on IBM iSeries. They are SUSE Linux Enterprise Server (SLES) 9 and Red Hat Enterprise Linux (RHEL) 4. This Redbook gets you ready to plan, configure, and install Linux on i5. It discusses migration issues of Linux from previous iSeries systems to i5. It also covers various topics of administrations, operations, and tips and techniques. Discussions on **iSeries Access for Linux**, iSeries Access for Web, ODBC driver and 5250 emulation features are also included.

Table of Contents

- Chapter 1. Introduction to Linux on IBM Eserver i5
- Chapter 2. Linux partition planning guide
- Chapter 3. System configuration
- Chapter 4. Linux installation
- Chapter 5. Administration and operations
- Chapter 6. Linux migration from iSeries to i5
- **Chapter 7. iSeries Access for Linux**

To obtain this Redbook, visit

<http://publib-b.boulder.ibm.com/redpieces/abstracts/sg246388.html?Open>

iSeries Access for Wireless



View its web site at: www.ibm.com/eserver/series/access/wireless

Application Flexibility, Innovative Technology

Integrated package of wireless functions and middleware

- **iSeries Navigator for Wireless**

- Runs on web application server on System i (ASF Tomcat (part of 5722-DG1) and WAS (Base and Express))
- View iSeries Navigator tasks, work with monitored jobs and messages, run commands, etc

- **IBM Toolbox for Java Micro Edition**

- Runs in the Java Virtual Machine (JVM) on the desktop, and provides access to iSeries through Java [™] classes running on the devices, and ability to write Java Toolbox applications with the customized look for the devices
- Also includes access to iSeries DB/2 from Java application running on a wireless device (can create full-featured JDBC applications with transactions, stored procedures, DB triggers, etc.)

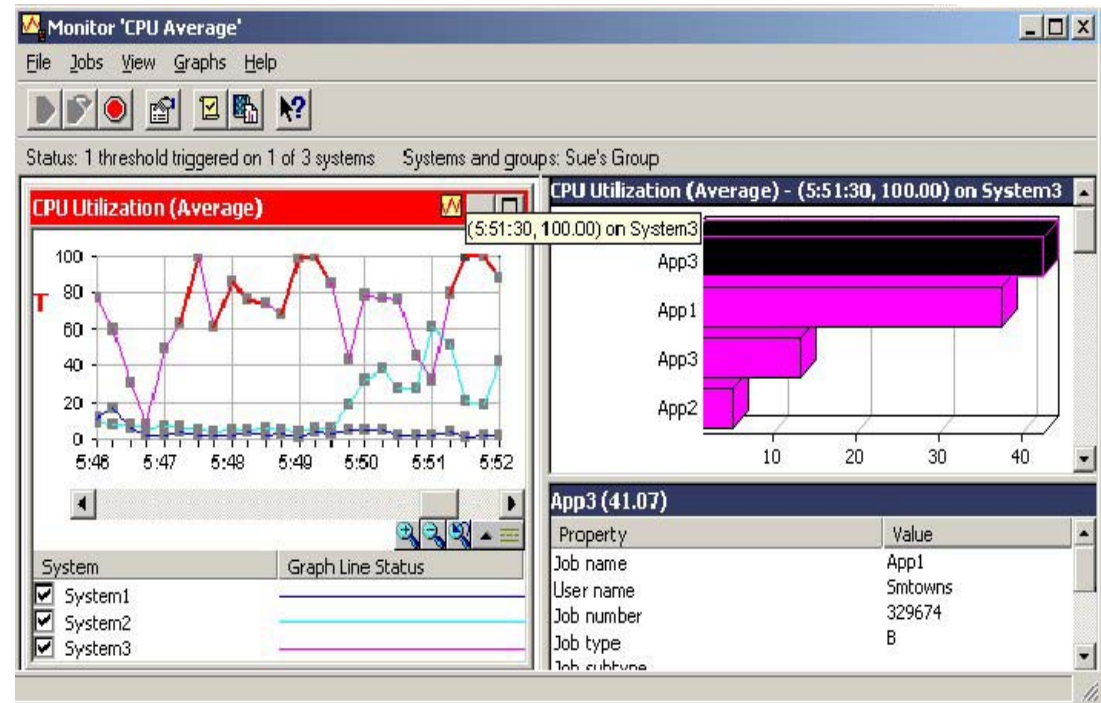


- ***Ships with i5/OS at no additional cost***
- ***Delivers strong features to enhance development of wireless applications for use with the iSeries***

iSeries Navigator for Wireless

How it works

- Using iSeries Navigator you have set up monitors that you would like to work with via a wireless environment.
- Then when you connect to the System I, you can see the systems, monitors and tasks that were configured in your list, and whether any need attention. If a monitor has triggered, a bell will be shown next to the Monitors link.



Enhancements on iSeries Navigator for Wireless

June 2004, V5R3 enhancements:

- **Scripts to simplify setup and configuration**
- **Application Administration support**

February 2005, V5R3 enhancements via PTF:

- **Shared monitor support**

In iSeries Navigator for Windows, users have had the ability to view other users' monitors based on the setting set by the owner of the monitor. This is now available in iSeries Navigator for Wireless. You can view other users' monitors as well as start/stop them (if the owner has allowed that level of access).

PTF SI21397 (Product 5722-SS1) required to enable this.

- **Easy configuration for when Management Central server is using SSL**

In WAS 5.1 and earlier releases, manual configuration steps had to be done to enable iSeries Access for Wireless to connect to an SSL-enabled Management Central server. With WAS 6.0, you cannot connect to an SSL-enabled Management Central at all.

PTF SI20932 (Product 5722-SS1) enables you to use SSL without configuring the application server (provides simple instructions).

Supported Devices

Primary Elements

- **Physical Characteristics**
- **Web Browser**
- **Wireless Internet Services**

Compatibility Considerations

- **Mitsubishi T250**
 - Tested through device
 - AT&T PocketNet wireless service
 - Recommended the small font preference
- **Ericsson R280 LX**
 - Tested using simulator
- **Kyocera QCP 6035**
 - Tested through device
 - Palm OS (so it's really a PDA)
- **Other UP.Browser® enabled devices**



Phones

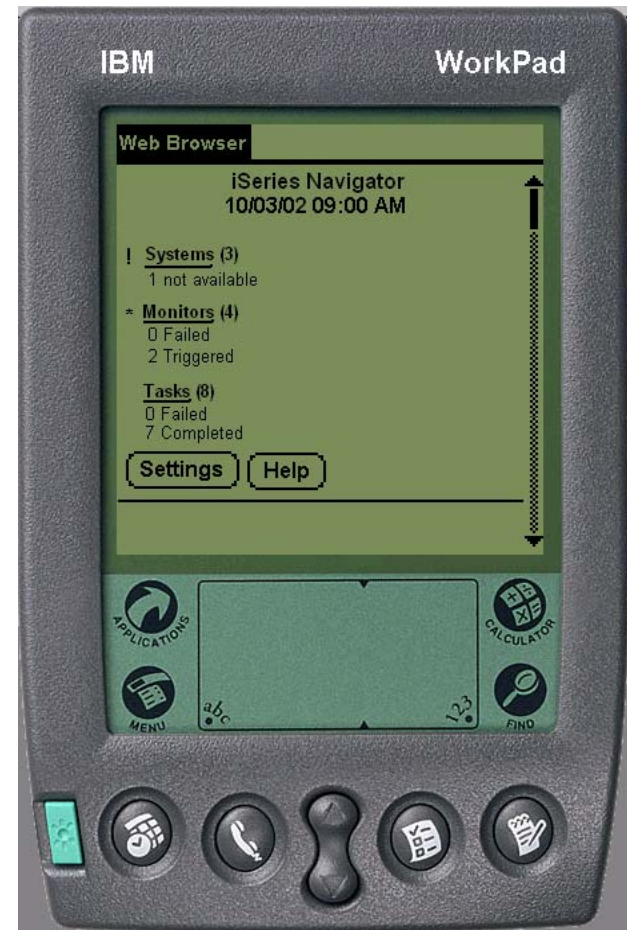
Supported Devices

Primary Elements

- **Web Browser**
- **Wireless Internet Services**

Compatibility Considerations

- **Palm OS Version 3.3**
- **AT&T Wireless**
- **GoAmerica**
- **Sprint**
- **Browsers**
 - AvantGo Version 3 or later
 - EudoraWeb Version 1.1 or later
 - Go.Web Version 6.0 or later - for RIM Blackberry
- **Hardware devices**
 - PalmIII or IIIx with Minstrel III modem
 - PalmV or Vx with Minstrel V modem
 - RIM Blackberry RIM
 - Kyocera QCP 6035 Palm OS



PDA

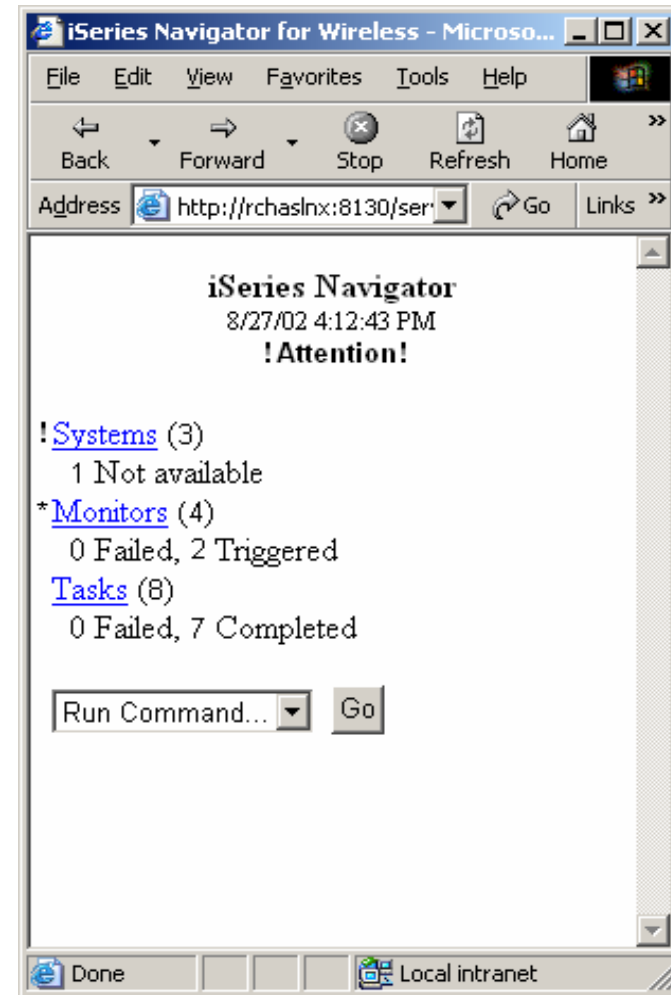
Supported Devices

Primary Elements

- **Web Browser**
- **Easiest option for intranets!**

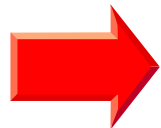
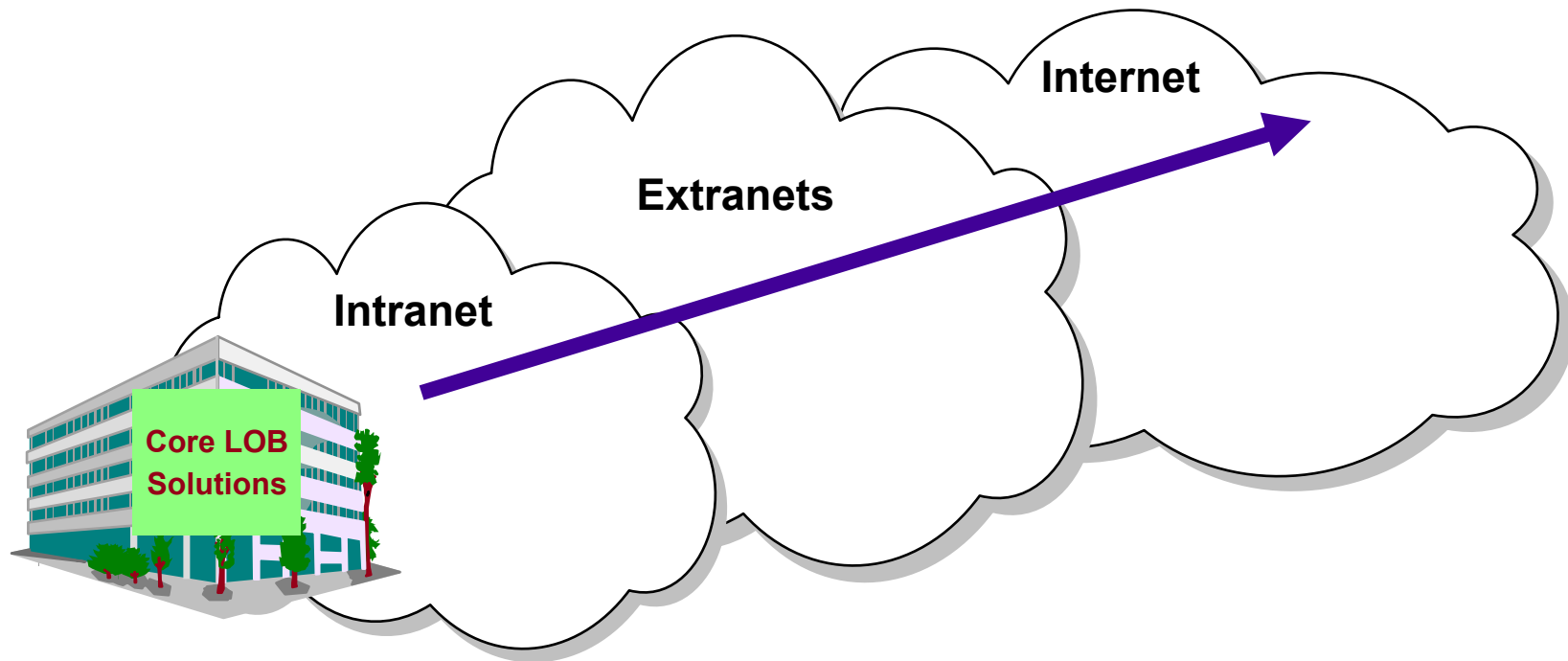
Compatibility Considerations

- **Any web browser should work!**



Web Browser

Extend System i applications to the Web



Customers are looking for **no network desktop administration** and **easy access** to iSeries information:

- For a variety of desktop users
- For users with no iSeries skills

What is iSeries Access for Web?

End users can leverage business information, applications, and resources across an enterprise by extending the iSeries resources to the client desktop through a web browser

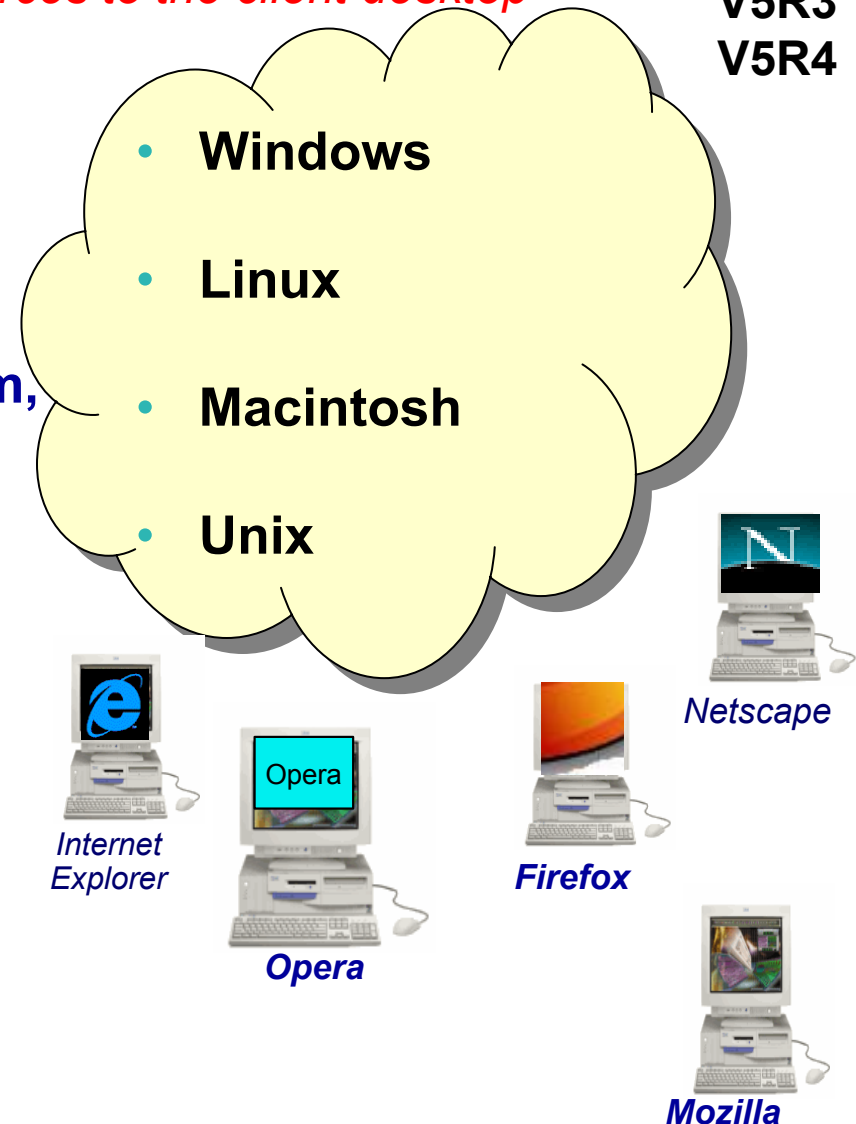
**i5/OS
V5R3
V5R4**

Provides access to iSeries through a browser

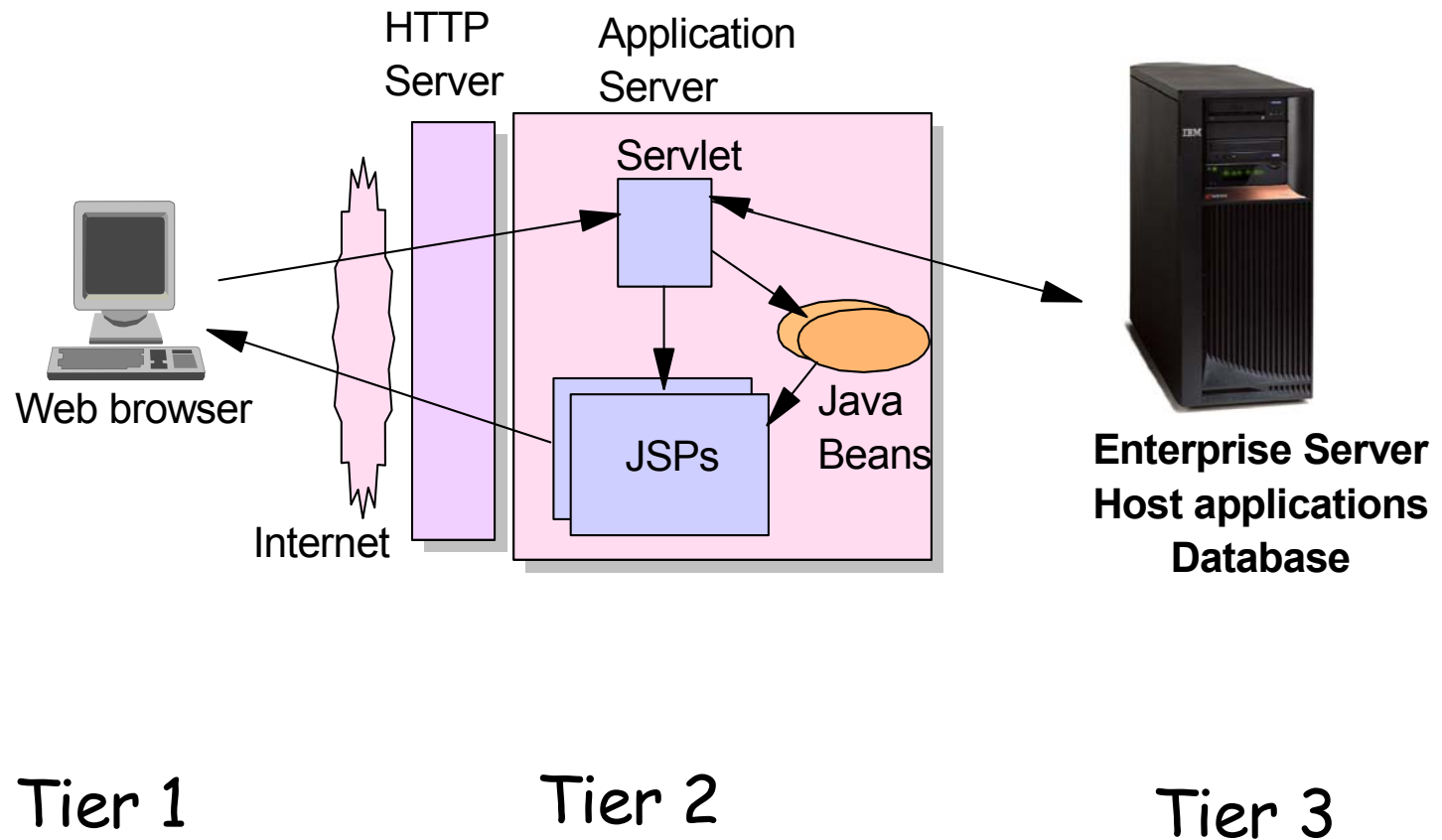
- **5250 access**
- **Access to database, integrated file system, printers, output queues, jobs**
- **Can run batch commands and send/receive messages**

It has the following advantages:

- **Is server based**
- **Requires only a browser on the client, no configuration required at desktop, no applets installed on desktop**
- **Uses industry standard protocols - HTTP, HTTPS and HTML**



First you need a web application server



Tier 1

Tier 2

Tier 3

Supported Web Application Servers

The iSeries Access for Web servlet code can be used with any of the following web application servers;

- **WebSphere® Application Server V6.1 and V6.0 – Express for i5/OS**
- WebSphere Application Server V6.1 and 6.0 Base and Network Deployment
- **WebSphere Application Server V5.1 - Express for iSeries**
- WebSphere Application Server V5.0 - Express
- WebSphere Application Server V5.1 and 5.0 Base and Network Deployment Editions
- **ASF Tomcat**

The iSeries Access for Web portlet code can be used with any of the following portal servers.

- IBM Workplace Services Express V2.6 (V5R4 iSeries Access for Web)
- IBM Workplace Services Express V2.5
- WebSphere Portal for Multiplatforms V6.0
- WebSphere Portal for Multiplatforms V5.1.0.1
- WebSphere Portal Express for Multiplatforms V5.0.2
- WebSphere Portal Express Plus for Multiplatforms V5.0

July 2006 PTFs required for WAS 6.1, WSE V2.6, Portal 6.0:

<http://www.ibm.com/eserver/iseries/access/web/servicepacks.html>

<http://www.ibm.com/eserver/series/software/websphere/wsappserver/>

WebSphere Home

What's New

About WebSphere

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FAQs

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Samples

PTFs

Performance

Coexistence

Migration

Forum

Newsletter

Related Resources

Servers > Midrange servers > Software >

WebSphere Application Server

for iSeries

Features

WebSphere Application Server Version 6.0 for OS/400 is now available. To find out more about the new version or any other of the supported versions - please click on the links below:

Version 6.0

- [IBM WebSphere Application Server V6.0 for OS/400](#)
- [IBM WebSphere Application Server for Developers V6.0 for OS/400](#)
- [IBM WebSphere Application Server Network Deployment V6.0 for OS/400](#)
- [IBM WebSphere Application Server - Express V6.0 for OS/400](#)

Version 5.1

- [IBM WebSphere Application Server V5.1 for iSeries](#)
- [IBM WebSphere Application Server for Developers V5.1 for iSeries](#)
- [IBM WebSphere Application Server Network Deployment V5.1 for iSeries](#)
- [IBM WebSphere Application Server - Express for iSeries V5.1](#)

Version 5.0

- [IBM WebSphere Application Server V5.0 for iSeries](#)
- [IBM WebSphere Application Server Network Deployment V5.0 for iSeries](#)
- [IBM WebSphere Application Server - Express for iSeries V5.0](#)

Version 4.0

- [Advanced Edition](#)
- [Advanced Single Server Edition](#)

What's new

Please see the [What's new](#) page for more information on these new items.

- The WebSphere Application Server and WebSphere Application

Need directions?



→ [iSeries Developer roadmap](#)

 [An Independent Analysis of the iSeries Developer Roadmap \(449KB\)](#)

 [The Business Benefits of iSeries Application Modernization \(183KB\)](#)

[Get Adobe® Reader®](#)

Emerging Technology

→ [Dynamic web site development for the non-technical business user.](#)

Pilot Pricing Program

→ [IBM Software Pilot Pricing Program for IBM eServer i5 520 Systems](#)

→ [Presentation overview](#)

Is your System i ready?

**Under 512Mb
Under 300 CPW**

Bxx, Cxx, Dxx, Exx, Fxx

S10, S01, Pxx

S20 / #2161, #2163

100, 150

170 /

#2159,#2160,#2164,#2289,#2290,#2291,#2292,#2407,

#2408,#2409

200, 20S, 250

270 / #2422,#2423, #2424,#2248,#2452,#2454

3xx, 4xx

500, 510, 50S

53S / #2154

530 / # 2150, # 2151

600

620 / #2175,#2179,#2180,#2181

720 / #2061

820 / #2425,#2426,#2457,#2456

**512Mb–1GB
300-500 CPW**

S30 / #2257

S20 / #2170,#2165

170 / #2176,#2183,#2383,#2384,#2385,#2386

270 / #2250,#2431

53S / #2155

530 / #2150,#2151

600 / All

620 / #2175,#2179,#2180,#2181

720 / #2161

820 / #2425,#2426,#2456,#2457

**WAS Express with few
concurrent users**

**Over 1GB
And
500 CPW**

SB1,SB2,SB3,S20(1),S30(1),S40,170 / #2388

270 / #2252,#2253,#2432,#2434

53S / #2156,#2157

530 / #2153,#2162

730,740,800 / #2464

810,825,870,890,i5 520,i5 550,i5 570,i5 595 / All

**Complex web
applications with many
concurrent users**

http://www-1.ibm.com/servers/eserver/iserries/software/websphere/lay_foundation.html

Performance Considerations...

Use the **IBM Systems Workload Estimator** at <http://www-912.ibm.com/wle/EstimatorServlet>

IBM eServer

- About IBM eServer
- POWER-processor based servers
- Blade servers
- Intel processor-based servers
- UNIX servers
- Midrange servers
- Mainframe servers
- Linux servers
- Cluster servers
- Solutions
- Storage
- Support
- Developers
- Education
- Literature
- Press

Related links

- Warranty info
- alphaWorks
- IBM Business Partners

IBM eServer Workload Estimator

Version: 2005.4. fox.1
14-Dec-05
www-912

Workload Selection
Workload Definition
Selected System
Help/Tutorials

- Download PDF
- Printable Version

- Choose Base System
- Modify System
- External Storage
- Call Me Now

- Edit Estimation Info
- Options

- Change Growth Factors
- Save all Workloads

Selected System

Immediate Solution

The 520-8950/7450 can handle the defined workloads **NOW**.

Model/Feature:	520-8950/7450	500/30
Number of Systems:	1	
Processor CPW:	500	
5250 OLTP CPW:	30 (24% utilized)	

Growth Solution

It can also handle the specified growth.

Model/Feature:	520-8950/7450	500/30
Number of Systems:	1	
Processor CPW:	500	
5250 OLTP CPW:	30 (35% utilized)	

System i Software Requirements

Product Number	Product Name	Option	\$
5722-SS1	V5R3 iSeries Access for Web: V5R2 OS/400 or V5R3 i5/OS V5R4 iSeries Access for Web: V5R3 and later i5/OS	Base	w/HW
5722-SS1	OS/400 - Extended Base Directory Support	3	N/C
5722-SS1	OS/400 - AFP Compatibility Fonts	8	N/C
5722-SS1	OS/400 - Host Servers	12	N/C
5722-SS1	Operating System/400 QShell Interpreter	30	N/C
5722-SS1 5722-AC3	If you plan to use Secure Sockets Layer (SSL): OS/400 Digital Certificate Manager Cryptographic Access Provider (128-bit)	34	N/C N/C
5722-DG1	IBM HTTP Server for iSeries	Base	N/C
5722-JV1	Developer Kit for Java	Base	N/C
	Developer Kit for Java Version 1.2	3	N/C
	Developer Kit for Java Version 1.3	5	N/C
	Developer Kit for Java Version 1.4	6	N/C
	(Check WebSphere doc for required version)		
5722-JC1	Toolbox for Java	Base	N/C
5722-TC1	TCP/IP Connectivity Utilities for iSeries	Base	N/C

System i Software Requirements (continued)

Product Number	Product Name	Option	\$
5722-XW1	iSeries Access Family	Base	\$
5722-XH2	iSeries Access for Web <ul style="list-style-type: none"> • Ships with 5722-XW1 iSeries Access Family • V5R3 iSeries Access for Web runs on OS/400 V5R2 and i5/OS V5R3 • V5R4 iSeries Access for Web runs on i5/OS V5R3 and V5R4 	Base	part of XW1
5722-IP1	IBM Info Print Server (Optional -- enables best PDF output: - <u>is not</u> required to view PDF output - is required for V5R4 PDF Printer support)	Base	\$

System i Software Requirements (continued)

Product Number	Product Name	Option	\$
<u>One, or more, of the following web servers</u>			
5733-W61	WebSphere Application Server V6.1 for i5/OS (all three editions)	See documentation	
5733-W60	WebSphere Application Server V6.0 for OS/400 (all three editions)		
5722-E51	WebSphere Application Server V5.1 - Express for iSeries		
5733-W51	WebSphere Application Server V5.1 for iSeries (Base and ND)		
5722-IWE	WebSphere Application Server V5.0 - Express for iSeries		
5733-WS5	WebSphere Application Server V5.0 for iSeries (Base and ND)		
5722-DG1	Apache Software Foundation Tomcat		
*	WebSphere Portal for iSeries (Express and Express Plus) V5.0.2.2		
*	WebSphere Portal Enable for Multiplatforms V5.1.0.1		
*	WebSphere Portal V6.0		
*	IBM Workplace Services Express V2.5, V2.6		

Refer to the documentation for the individual web serving environments additional requirements that may not be listed above.

WebSphere	http://www.ibm.com/servers/eserver/series/software/websphere/wsappserver/
ASF Tomcat	http://www.ibm.com/servers/eserver/series/software/http/
Portal V5.0.2.2	http://publib.boulder.ibm.com/pvc/wp/502/smbi/en/InfoCenter/index.html
Portal V5.1.0.1	http://publib.boulder.ibm.com/infocenter/wp51help/index.jsp
Portal V6.0	http://publib.boulder.ibm.com/infocenter/wpdoc/v6r0/index.jsp
Workplace V2.5	http://publib.boulder.ibm.com/infocenter/wseic/v2r5/index.jsp
Workplace V2.6	http://publib.boulder.ibm.com/infocenter/wseic/v2r6/index.jsp

iSeries Access for Web – V5R4

New look for the *Servlet* version!

The screenshot shows the iSeries Access for Web interface. At the top, it displays 'User: CMINER System:'. The main heading is 'Welcome to iSeries Access for Web'. The left sidebar contains a 'My Home Page' section with links to 'My Folder', 'Print', 'Messages', 'Jobs', '5250', 'Database', 'Files', 'Command', 'Download', 'Customize', and 'Other'. Below this is a 'Related Links' section with links to 'iSeries Access for Web', 'iSeries Access', 'iSeries Navigator', 'iSeries Information Center', and 'iSeries Resource Library'. The main content area has a 'Getting Started' section with three columns: 'My Information' (links to My Folder, Printer output, Display messages, Start a 5250 session, Database requests, Browse files, Preferences), 'My View' (text about customizing the interface), and 'Related Products' (links to WebSphere Application Server for iSeries, WebSphere Development Studio Client for iSeries, and WebSphere Development Studio for iSeries). Below this is a 'What is iSeries Access for Web' section with a paragraph and sub-sections for 'Browser Access to iSeries Server Information' and 'Easy Administration'. The right sidebar contains 'Rochester information' (City information, Movies, Mayo Clinic), 'Rochester weather' (SkyCam), 'Rochester news' (Post-Bulletin online, KTTC), and 'Telephone directory' (Find a person, Find a business).

Web site: www.ibm.com/eserver/series/access/web

Functions you can perform with iSeries Access for Web 5722-XH2, V5R4

Print

- Printer output
- PDF Printer output
- Printers
- PDF Printers
- Internet Printers
- Internet Printer Shares
- Printer shares
- Output Queues

5250

- Active Sessions
- Start 5250 Session
- Configured Sessions
- **Bypass Sign-on**

Files

- Browse Files
- File Shares
- **Browse File Share**

Messages

- Display Messages
- Send Messages
- Sametime
- Operator Messages
- Message Queue

Database

- Tables
- My Request
- Run SQL
 - **Open Office Formats**
- Copy Data to Table
- Import Requests
 - iSeries Access for Windows
 - **Query Manager**
 - **Query/400**
- Extract Server Data

Commands

- Run commands
- My commands
- Search

My Personal Folder

Jobs

- User Jobs
- Server Jobs

Customize

- Preferences
- Policies
- Settings
- **Transfer configuration data**

Download

Other

- Bookmarks
- Change Password
- Connection Pool
- Status
- Trace
- About

Items marked in red are new
in the V5R4 version

Your **Window** to your System **i**

http://<myseries>/webaccess/iWAHome

Customized 'window' to i5/OS

Window is associated with i5/OS user profiles

- An administrator can create multiple different 'windows' based on user profile / group profile for different types of users.
- Can tightly control what functions a user can perform on your iSeries
- Tie in with other web applications (such as WebFacing and HATS) from here as well
- Link to other systems, not just System i



- *One view and set of functions for the Accounting department*
- *Another view and set of functions for the Warehouse staff*

Customized Home Page

Customized view of the Home Page

- Could be used as 'entry' point to System i

Address <http://seriesd.dfw.ibm.com/webaccess/IWAHome>


mywebsearch Search Smiley Central Screensavers Cursor Mania PopSwatter Games My Info

Access for Water Supplying quality boats since 2002

Services

- [See boat details - 5250](#)
- [See boat details - HATS LE](#)
- [See boat details - WebFacing](#)
- [View available boats](#)
- [Order a boat](#)
- [Work with invoices](#)
- [Check messages](#)
- [Check system messages](#)
- [Administrator tasks](#)
- [Manage incoming items](#)
- [Monitor jobs](#)
- [Download client software](#)

This Week's Special



Beautifully maintained 28 foot 1978 Carver Santa Cruz for only \$23,900. Head and galley refurbished in 2001. Only 31 hours on completely rebuilt motor. Click [here](#) to see this boat cruising the seas.

Great Deals

For those bargain conscious among you, we have a large selection of new and slightly used boats for under \$75,000. Whether you are planning on sailing in your backyard pond or navigating the mighty Mississippi we can meet your wants, needs, or desires. [View our selection of modestly priced boats.](#)


Site Support

Your comments are important to us. Please let us know if you have any questions or if we can help you in any way. Address your message to user BOATHELP. [Send us a message](#)

If you prefer to contact us directly, use our [telephone directory](#) to lookup phone numbers and e-mail addresses.

Weather Conditions

Is it a great day for boating? Check out today's forecast.



Conditions as of: 7:00 AM

Done Internet

Try out iSeries Access for Web for yourself!

Start your browser and connect to the following web site:

<http://iseriesd.dfw.ibm.com/webaccess/iWAHome> (case sensitive)

<p>User ID = WACUST</p> <p>Password = DEMO2PWD</p>	<p>This shows the basic look of Access for Web as we ship it. You can try various functions -- including working with printer output, creating database requests, etc. Click on the 5250 tab, sign onto the iSeries, then start an RPG application called BOATS and run it.</p>
<p>User ID = BOATADMIN</p> <p>Password = DEMO2PWD</p>	<p>This is an example of how a customer might design a web page for their use. You will see that an end user could start the same BOATS application by clicking on the 5250 session, or they could have used HATS to run the application. You will also see other links that would let a user work with spoolfile information, work with IFS, run database requests, etc..</p>

Send email to: LLHIRSCH@us.ibm.com to reset the user profiles on the system if either one gets disabled.

Using 5250 emulator in iSeries Access for Web

The company banner, 'Access for Water' is carried forward on all screens

- Went into 'Customize → General' and pointed at file with the company .gif.

5250 emulator in Access for Web

- Application looks better and did no work
- Can use 5250 Bypass Signon (new in V5R4) to bypass i5/OS sign-on screen
- Can use Access for Web Macro support to start the RPG application (BOATS)

Address http://seriesd.dfw.ibm.com/webaccess/IWA5250?sessname=boat&initmac=startboat

mywebsearch Search Smiley Central Screensavers Cursor Mania PopS

Access for Water Supplying quality boats since 2002

[Home](#)

AS/400 WSG Boat Demo 8/24/04 15:22:18

Enter your search parameters

Type P=Powered, S=Sailing, T=Tug, C=Commercial, A=All

Length (feet)

Year built year to start from

Zero (0) extra steps

Change look of 5250 session

1. Default 'web' look
2. Changed colors, added keypad at side, changed buttons at bottom to words
3. Removed navigation bar, put keypad on top
4. Selected 'traditional' view, removed navigation bar

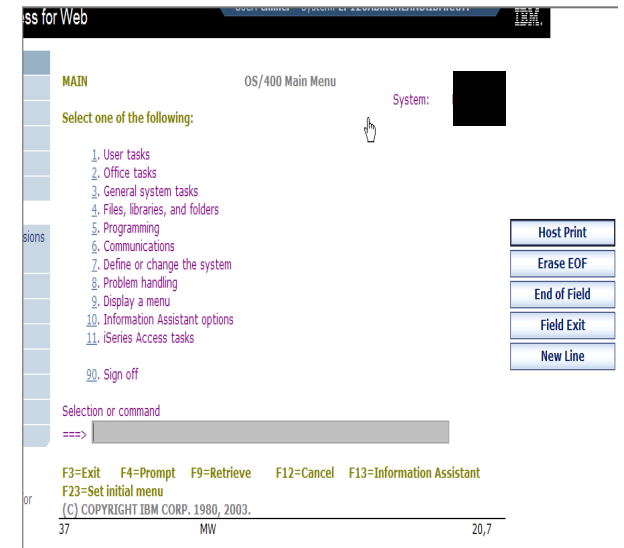
1



2



3

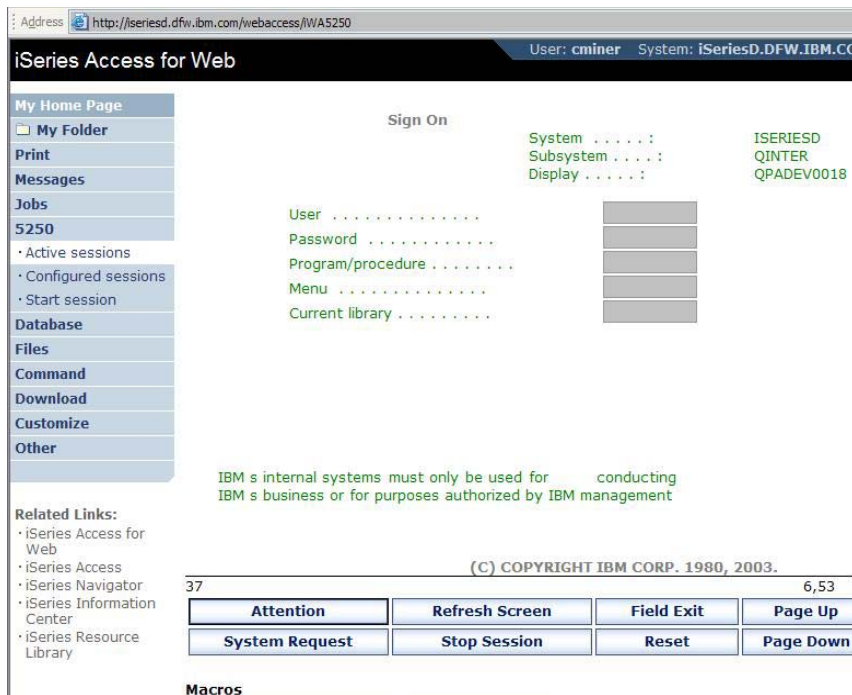


iSeries Access for Web has many entry points

Can enter at many different pages

Can use navigation bar to move from function to function

<http://<myiseries>/webaccess/iWA5250>



<http://<myiseries>/webaccess/iWAMain>



<http://<myiseries>/webaccess/iWASpool>



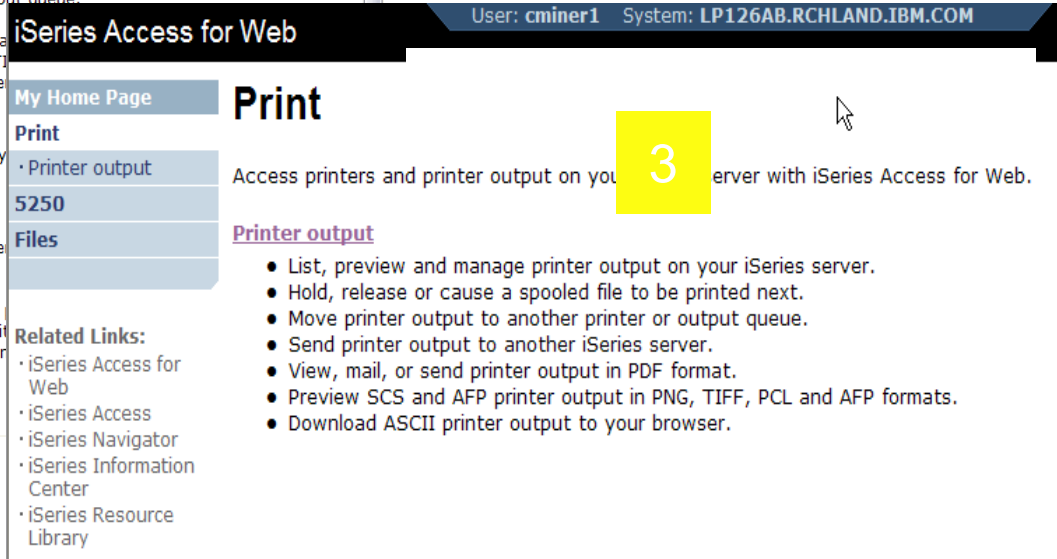
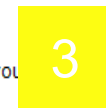
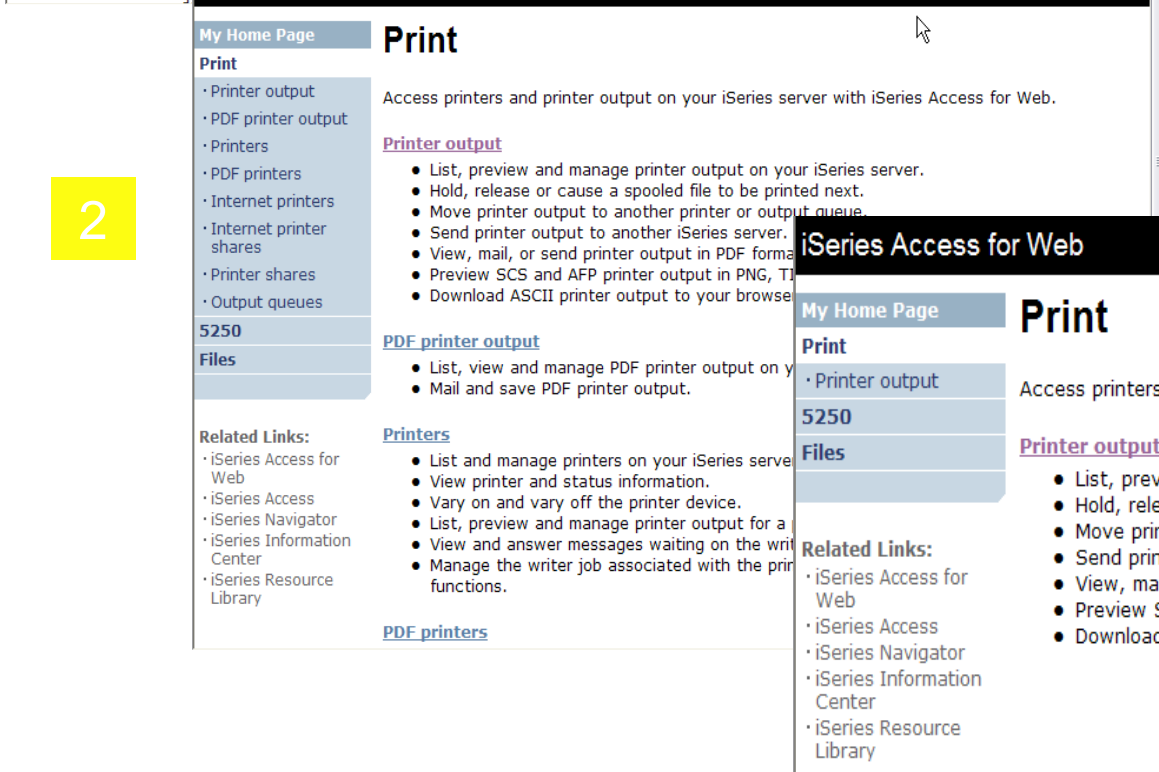
Control access: reduce functions you give to users



Reduce tabs that get displayed



Reduce options under tabs



Printer Output - Spoolfile

1. Print Tab

- User only has one option available, i.e., 'Printer output'

2. Default look of 'Printer Output'

3. Customized look of 'Printer Output' for signed on user

- Removed many of the columns of printer output
- Reordered list
- Removed several end user actions

1

2

File Name	User Data	Creation Date/Time	Pages Per Copy	Copies	Status	Action	User	Job Name	Job Number	File Name
QSYSVRT		12/15/05 4:31 PM	1	1	Ready	[Icons]	CMINER	CMINER0	502274	
QSYSVRT		12/15/05 4:31 PM	1	1	Ready	[Icons]	CMINER	CMINER0	502274	
QSYSVRT		12/15/05 4:32 PM	1	1	Ready	[Icons]	CMINER	CMINER0	502274	
QSYSVRT		12/15/05 4:39 PM	1	1	Ready	[Icons]	CMINER	CMINER0	502274	
QSYSVRT		12/15/05 4:41 PM	1	1	Ready	[Icons]	CMINER	CMINER0	502274	
QPRINT		12/15/05 4:48 PM	1	1	Ready	[Icons]	CMINER	QIWAPDFSTR	502281	
QPRINT		12/15/05 4:50 PM	1	1	Ready	[Icons]	CMINER	QIWAPDFSTR	502285	
QPRINT		12/15/05 4:52 PM	1	1	Ready	[Icons]	CMINER	QIWAPDFSTR	502287	
QPRINT		12/15/05 4:57 PM	1	1	Ready	[Icons]	CMINER	QIWAPDFSTR	502291	

3

File Name	Job Name	Creation Date/Time	Pages Per Copy	User	Priority	Action
QPJOBLOG	CMINER10	12/16/05 6:23 PM	2	CMINER1	5	[Icons]
QPJOBLOG	CMINER13	12/16/05 10:23 PM	2	CMINER1	5	[Icons]
QSYSVRT	CMINER10	12/19/05 10:33 AM	1	CMINER1	5	[Icons]
QSYSVRT	CMINER10	12/19/05 10:33 AM	1	CMINER1	5	[Icons]
QSYSVRT	CMINER10	12/19/05 10:33 AM	1	CMINER1	5	[Icons]

Printer Output - Spoolfile

1. Requested 'View PDF'

- Can select any option on pulldown for my printer output

2. View in Browser

- Shows overlays, etc
- Can print on any printer in network

3. Send .PDF document in an e-mail

- Mail server does not have to be installed on System i

The screenshot shows the iSeries Access for Web interface. The top navigation bar includes 'User: cminer1' and 'System: LP126AB.RCHLAND.'. The main content area is divided into two sections: 'PDF Output Settings' and 'Convert Printer Output to PDF'.

PDF Output Settings: A yellow box labeled '1' highlights the 'Print' menu, which is expanded to show 'Printer output', '5250', and 'Files'. The 'Destination' dropdown menu is open, showing options: 'Browser', 'Mail as attachment', 'Personal folder', and 'Output Queue'. A 'Settings' button with a help icon is visible. A 'Run' button is also present.

Convert Printer Output to PDF: A yellow box labeled '3' highlights this section. It shows a form for sending an email with the PDF. The 'From' field is populated with 'cminer@us.ibm.com'. The 'To', 'cc', and 'bcc' fields are empty. The 'Subject' field is also empty. An attachment is listed as 'Attachment: QSYSPRT.507343.CMINER1.CMINER10.3.PDF'. 'Send' and 'Cancel' buttons are at the bottom.

Invoice Preview: A yellow box labeled '2' highlights a preview of an invoice. The header reads 'Access for Water'. The recipient is 'Joe Customer' at '1234 Beach Street, Hometown, CA 12345'. The date is 'Thursday, June 13, 2002'. The invoice number is '9876543' and the payment due date is 'Monday, July 15, 2002'. The table below lists items:

Description	Part No.	Quantity	Price	Amount
Hunter 33.5	004356	1	\$57,900.00	\$57,900.00
Boat trailer	199234	1	\$1,800.00	\$1,800.00
Boat anchor	043993	1	FREE	\$0.00

How to Configure a 5250 Session and save it

Select to 'Start Session'

1

- Provide name of iSeries you wish to connect to → can be any iSeries in the network
- Provide how you want Workstation ID handled
- Can check to Bypass additional i5/OS sign-on screen

iSeries Access for Web

Start Session

Server ?
 Server: MYISERIES.RCHLAND.IBM.COM
 Port: 23
 Code page: 37

Workstation ID ?
 Use user ID
 Specify workstation ID
 Avoid duplicates for this user
 Avoid duplicates with other users

General ?
 Initial macro:
 Bypass signon
 Display HTML data in fields

Start Session

[Active sessions](#)
 Work with your active sessions.

[Configured sessions](#)
 Work with your configured sessions.

Once you are connected, click on the 'Active' session link to save this session

2

Field Exit **Erase EOF** **Host Print**

MAIN OS/400 Main Menu System: LP126AB

Select one of the following:

1. User tasks
2. Office tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. Information Assistant options
11. iSeries Access tasks
90. Sign off

Selection or command
 ==>

Exit **Prompt** **Retrieve** **Cancel** **Information Assistant**

Set initial menu

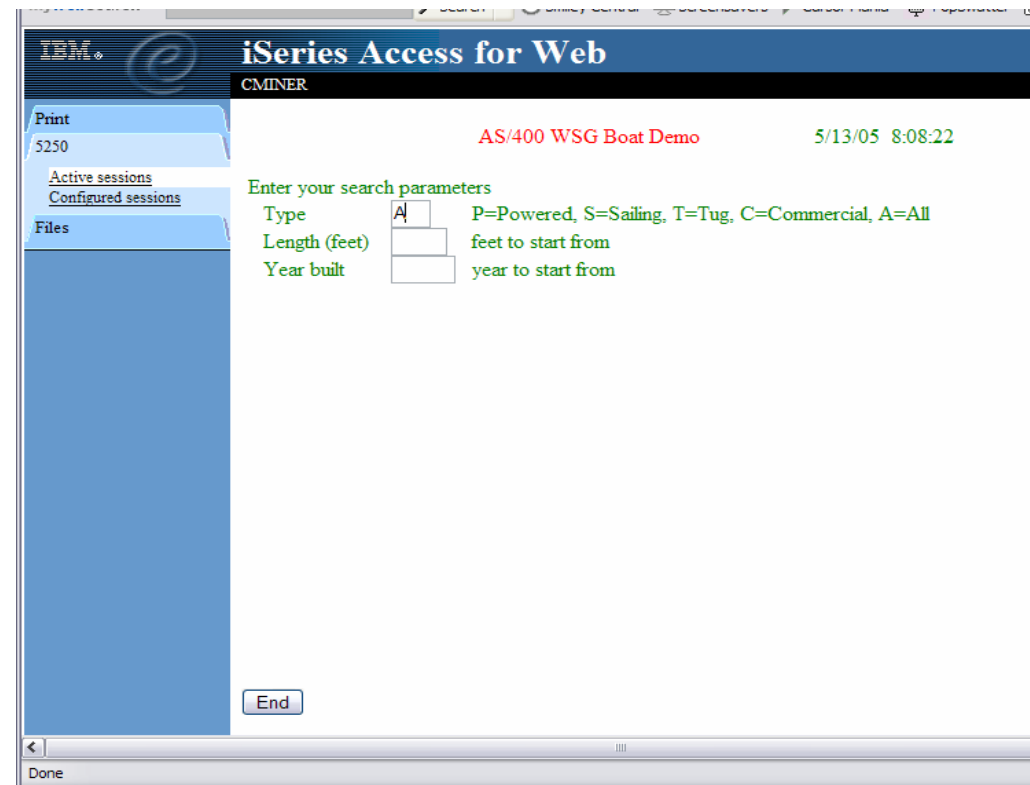
Type option number or command.
 37 MW 20,7

Macros
Start Recording

User can run 5250 application

User is placed in this application

- The session could be configured to include a macro to put the user directly into a specific application on System i
 - Or on a menu screen
- Use CHGUSRPRF, LMTCPB=Yes to remove command line from user's screen



Database: Upload PC Data to the System i

Upload data from a variety of file types

- Excel, XML, Lotus, etc
- OpenOffice **new V5R4**

Put into iSeries database

- 'Replace' contents of table
- 'Append' to existing data

If no table exists on the iSeries, you will get a wizard to help you create a new table

The screenshot shows the 'Copy Data to Table' wizard in the iSeries Access for Web interface. The left sidebar contains a navigation menu with options like 'My Home Page', 'My Folder', 'Print', 'Messages', 'Jobs', '5250', 'Database' (with sub-options for Tables, My requests, Run SQL, Copy data to table, Import request, Import query, Extract server data), 'Files', 'Command', 'Download', and 'Customize'. The main content area is titled 'Copy Data to Table' and includes the following sections:

- File to Copy:** A text input field for the file name, a 'Browse...' button, and a dropdown menu for 'File type' set to 'Comma Separated Value (.csv)'. A 'Settings' button is also present.
- Table to Receive Data:** A text input field for the table name and a dropdown menu for 'Action' set to 'Replace data if table exists'.
- Connection:** A dropdown menu for the connection name, currently set to 'IBM Toolbox for Java - LP126AB.RCHLAND.IBM.COM'.

At the bottom of the wizard are two buttons: 'Copy Data to Table' and 'Save Request...'.

Database: Run SQL

Run SQL allows you to run SQL statements

- Could copy/paste complex SQL statements in here...

Variety of output types

- PDF, Excel, 1-2-3, XML, etc

Destination

- Browser
- Mail as attachment
- Personal Folders
- IFS (new V5R4)

Can save request

- My Requests, Give Shortcut to others

SQL Wizard if you don't know SQL

iSeries Access for Web

Run SQL

SQL Statement

```
SELECT
"BCOST", "BYEAR", "BTYPE", "BNAME", "BFEET", "BNT01"
FROM
BOATS.BOATS
WHERE
( ("BCOST" > 10000) )
```

SQL Wizard

SQL Output

Type: Microsoft Excel XML (.xml) **Settings**

Destination: Mail as attachment **Settings**

Format

Date: 12/23/05

Time: 10:16:44 AM

Connection

Connection: IBM Toolbox for Java - ... RCHLAND.IBM.COM

Run SQL **Save Request...**

Database – share data source names

Servlet version

New in V5R4: Within the Customize tab, Database Connections link, you can now also set up to use **WebSphere data source names when creating database connections**

- This enables many different applications running under WAS to use the same data source connections.
- *WAS data sources are pooled and managed by WAS and should scale better than our original database connections.*

iSeries Access for Web User: CMINER System: LP126AB.RCHLAND.IBM.COM

Edit Policies - Database Connections

Profile: CMINER

Default connection: IBM Toolbox for Java - LP126AB.RCHLAND.IBM.COM
Default derived from: Shipped default

Action	Connection	Derived From
	Connection: IBM Toolbox for Java - LP126AB.RCHLAND.IBM.COM Driver class: com.ibm.as400.access.AS400JDBCdriver JDBC URL: jdbc:as400://LP126AB.RCHLAND.IBM.COM;prompt=false;	Shipped default

[Add database connection](#)
Create a new database connection.

[Set default connection](#)
Set the default connection policy for this profile.

[Category list](#)
Return to the policies category list.

[Policies help](#)
View help for working with database connections.

Related Links:
 • iSeries Access for Web
 • iSeries Access
 • iSeries Navigator
 • iSeries Information Center
 • iSeries Resource Library

IBM | iSeries | Service 5.4.0.05-19

Database: Import Query Requests

Servlet version

Bring your existing queries to a browser environment

Use the **Import Query** tool to bring them into iSeries Access for Web

- IBM Query for iSeries (5722-QU1)
- DB2 Query Manager (5722-ST1)

*QMQRV and *QRYDFN are the query file types supported

The screenshot displays the 'iSeries Access for Web' interface. At the top, the user is identified as 'User: CMINER' and the system as 'System: LP126AB.RCHLAND.IBM.COM'. The main heading is 'Import Query'. Below this, there is a descriptive paragraph: 'Specify the query file you want to import. The query contained in the query file will be converted to an iSeries Access for Web database request.' A note follows: 'Note: The converted iSeries Access for Web database request could work differently than the original query file. Verifying the converted request is strongly recommended.'

The 'Query to Import' section contains a form with the following fields:

- Query file:** An empty text box with a 'Find...' button to its right.
- Query type:** A dropdown menu currently showing 'DB2 UDB for iSeries Query Manager (*QMQRV)'.
- Query file CCSID:** A dropdown menu currently showing 'Query for iSeries (*QRYDFN)'.

Below the form is an 'Import Query' button. The 'Import Details' section provides further information: 'Query files of types *QMQRV and *QRYDFN are supported. These query files are created by Query for iSeries and DB2 UDB for iSeries Query Manager. Queries of type form, queries of type procedure, and prompted queries, are not supported. Queries containing program variables or replacement variables are also not supported.'

The left navigation menu includes: My Home Page, My Folder, Print, Messages, Jobs, 5250, Database (with sub-items: Tables, My requests, Run SQL, Copy data to table, Import request, Import query, Extract server data), Files, Command, Download, Customize, and Other. The 'Related Links' section at the bottom left lists: iSeries Access for Web and iSeries Access.

Files: “Browse File Share” Link

**New in V5R4:
Displays directory that
is identified in the
user’s Policy settings**

- **Shipped Default for *PUBLIC is the QIBM folder.**
 - As QIBM is one directory that automatically ships with a ‘share’ assigned

iSeries Access for Web User: cminer System: RCHLAND.IBM.COM

My Home Page

My Folder

Print

Messages

Jobs

5250

Database

Files

- Browse files
- Browse file share
- File shares

Command

Download

Customize

Other

Directory Contents QIBM

[Copy Files to Server](#)
Copy files to the current directory.

[Create Directory](#)
Create a subdirectory in the current directory.

Found 6 directories. Found 0 files with a total size of 0 bytes.

Name ^	Size (bytes)	Type	Modified	Action ?
include		Directory	1/11/06 8:16:30 PM	
locales		Directory	1/11/06 8:13:53 PM	
ProdData		Directory	1/12/06 12:17:58 PM	
tempo		Directory	4/19/05 12:26:59 AM	
UserData		Directory	11/2/05 6:28:06 PM	
XML		Directory	8/17/04 11:45:11 PM	

Related Links:

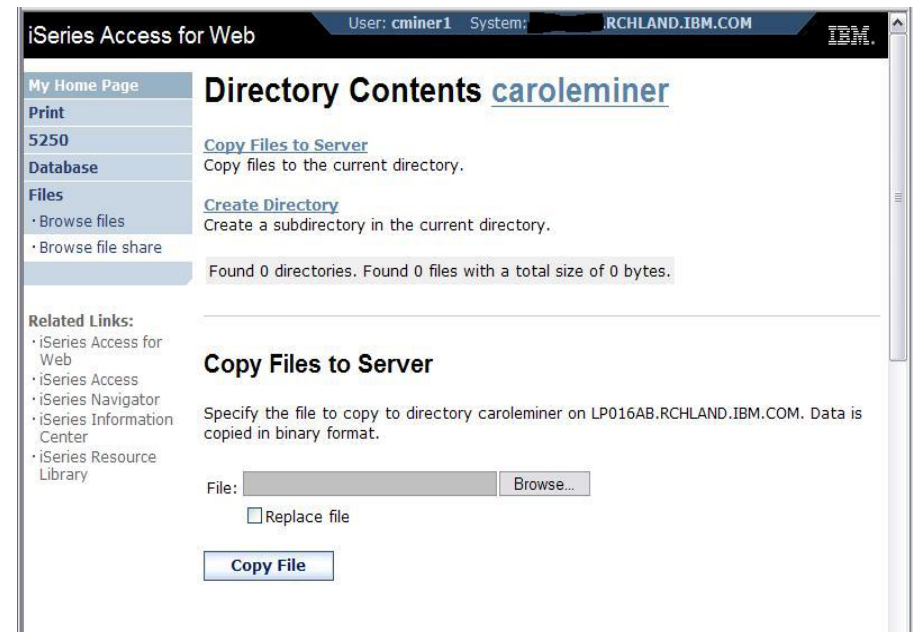
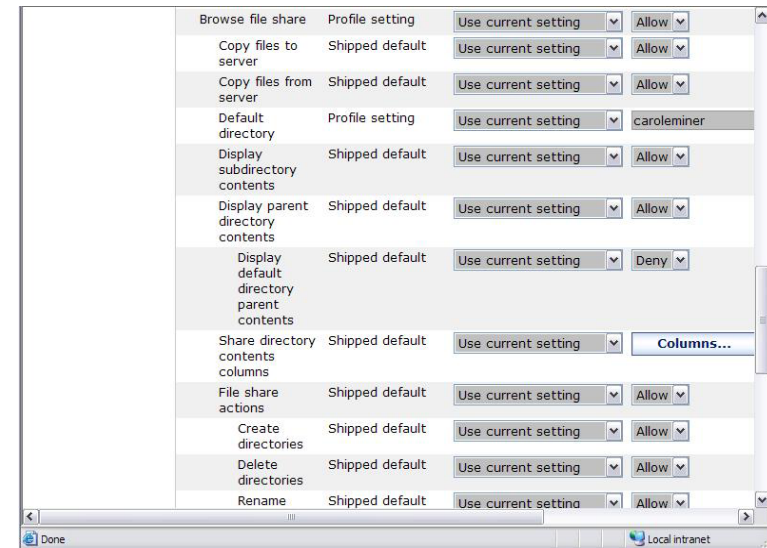
Browse File Share with Policy setting

Customize → Policies → Files

- Scroll down to 'Browse File Shares'
- Change directory from QIBM to another directory previously set up as a 'shared' directory
 - Note: Put in share name not directory name or path

Advantage over 'Browse Files'

- Already set up to Read Only or Read/Write
- Don't have to go into Policies and make any other settings



Administration of Users

Servlet version

New in V5R4: Administrators can now transfer iSeries Access for Web configuration items between i5/OS user profiles on the same system

- This is useful if you wanted to replicate a category of configuration items to a different user (using Copy action) or transfer ownership of a category of configuration items to a different user (using Move action).
- The configuration items supported are: 5250 session configurations and macros, saved commands, database requests, My Folder items, and policies.

The screenshot shows the 'iSeries Access for Web' interface. On the left is a navigation menu with items: My Home Page, My Folder, Print, Messages, Jobs, 5250, Database, Files, Command, Download, Customize (with sub-items: Preferences, Policies, Settings, Transfer configuration), and Other. Below the menu is a 'Related Links' section with links to 'iSeries Access for Web', 'iSeries Access', 'iSeries Navigator', 'iSeries Information Center', and 'iSeries Resource'. The main content area is titled 'Transfer Configuration Data'. It includes a 'Profiles' section with 'From profile:' and 'To profile:' text boxes, each followed by a 'Browse...' button. Below this is an 'Action to Perform' section with radio buttons for 'Copy' (selected) and 'Move'. The 'Data to Transfer' section has checkboxes for '5250 sessions', '5250 macros', 'Commands', 'Database requests', 'Folder items', and 'Policies'. A 'Transfer Data' button is located at the bottom of the form. At the very bottom of the page, there is a link for 'Transfer configuration data help' and the text 'View help for transferring configuration data.'

Administration of Users

Servlet version

To copy customized profile settings from one System i to another System i, you need to use the Export function to put them in a PC file, then use the Import function to put the profile settings on another iSeries.

- This is useful if you wish to create user group profiles (such as SALES, SECRETARY, etc) and set them up similarly on a variety of systems.

The screenshot displays the 'iSeries Access for Web' interface. At the top right, it shows 'User: CMINER System: L'. The main content area is titled 'Policies' and contains the following elements:

- A navigation sidebar on the left with links: My Home Page, My Folder, Print, Messages, Jobs, 5250, Database, Files, Command, Download, Customize (with sub-links for Preferences and Policies), Settings (with sub-links for Transfer configuration), and Other.
- A 'Policies' section with the instruction: 'Specify the profile you want to edit.' Below this is a text input field containing 'CMINER' and a 'Browse...' button.
- An 'Edit Policies' button.
- Four sections of links: 'User profiles' (Work with the user profiles you are authorized to customize.), 'Group profiles' (Work with the group profiles you are authorized to customize.), 'Import policies' (Import policies from a file into iSeries Access for Web.), and 'Export policies' (Export policies from iSeries Access for Web to a file.).
- A 'Policies help' link with the text: 'View help for working with policies.'
- A 'Related Links' section listing: iSeries Access for Web, iSeries Access, iSeries Navigator, iSeries Information Center, and iSeries Resource Library.

At the bottom of the interface, there is a footer with the text: 'IBM | iSeries | Service'.

WebSphere Portal Offerings for System i

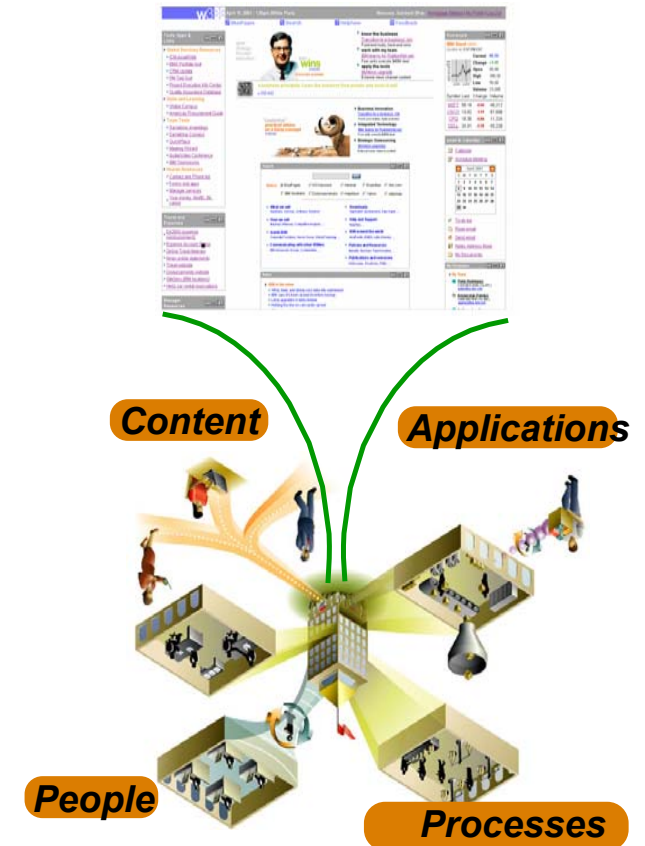
i5 Models 550, 570 and 595

- Workplace Services Express V2.5 included
- WSE has wizards to simplify deployment on IBM i5/OS V5R3 and V5R4
- WSE has improved performance and reduces system requirements
- WSE enables you to deploy solutions for document management, instant messaging, and portal all on one server

i5 Model 520

- Workplace Services Express V2.5 ships with Enterprise Edition

Note: Depending on the System i, you may also be entitled to services and education vouchers.



Portal built for IBM Employees

Edit settings | Sign out
Carole A. Miner's On Demand Workplace

[w3 Home](#) | [BluePages](#) | [HelpNow](#) | [Feedback](#)


Home
Work
Career and life
[Help](#)

Essential links | Edit | - | ?

- [w3 Directory](#)
- [About w3](#)
- [About IBM](#)
- [Buy on demand](#)
- [Collaboration Central](#)
- [Customer Reference Materials](#)
- [Expense Reimbursement](#)
- [IBM Club](#)
- [IBM On Demand Community](#)
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- [IBM SiteServ](#)
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- [IBM ThinkPlace](#)
- [IBM Travel](#)
- [IT Help Central](#)
- [IT Security](#)
- [Learning@IBM](#)
- [On Demand Business](#)


News | Edit | - | ?

Top stories [Past 7 days >](#)




1937: The Will to Think

T.J. Watson's original words herald the cornerstone of innovation: thinking. [Profiled for all IBM]



I need a holiday

No surprise that you're not alone. [Profiled for all IBM]



IBMers making history

Thousands of IBMers have contributed their DNA to the landmark Genographic Project. [Profiled for all IBM]

ThinkPlace Challenge

How can we cultivate relationships with IBM alumni to drive innovation that matters? [Profiled for all IBM]

Rochester SiteNews

Site Leadership Team wishes Happy Holidays, Rochester team's powerful efforts unleash Xbox 360 [Profiled for Rochester MN]

Together in 2005

Last year, IBM shocked the world. What's happened since

Search | Edit | - | ?

BluePages

Search type
Name ▼

Search for
 GO

[Advanced search](#)

Other searches

w3 intranet

IBM discussion forums

IBM news articles

ibm.com Internet

IBM Learning (site search)

GO

[Advanced search](#)

Market report | Edit | □ | - | ?

Quoted at 1:45 PM, EST on 19 Dec. [Refresh](#)

Symbol	Current	+/-

iSeries Access for Web Portlets on System i Portal

The screenshot shows the IBM System i Portal interface. The navigation bar includes links for 'Welcome', 'My Work', 'My Finances', 'My Newsroom', 'My iSeries' (circled in red), and 'My Favorites'. Below the navigation bar, the 'My iSeries' portlet is active, displaying a 'Start Session' form and a list of available portlets.

Start Session

Server

Server:

Port:

Code page:

Display HTML data in fields

Workstation ID

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

Welcome

Welcome to the iSeries Access portlets - specifically developed for iSeries Access customers. These portlets allow you to access information on your iSeries servers through a Web browser.

iSeries Access portlets include the following:

- 5250 portlet
 - Run commands and access full-screen 5250 character-based applications.
- IFrame portlet
 - Access any of the iSeries Access for Web servlets using the IFrame portlet.
- Integrated file system (IFS) browsing portlets
 - Browse the iSeries integrated file system.
 - View, edit, upload and download files.
- Printers, printer output, and output queues portlets
 - View printer status, start and stop the writer job associated with a printer.
 - Hold, release, print, delete and view printer output files.
 - Move printer output files to another output queue or printer.
 - Hold and release output queues.
- Database tables and SQL portlets
 - View database tables, add and update records.
 - View query results, customize format of results.
 - Run SQL statements dynamically.
- Commands portlets
 - Run CL commands.

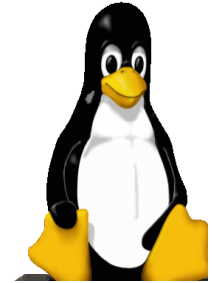
The iSeries Access portlets are included with iSeries Access for Web. The iSeries Access for Web product is part of the iSeries Access Family (5722-XW1). For more information regarding iSeries Access, iSeries Access for Web, and the iSeries Access

Database – new spreadsheet format

New capability in both the servlet and portlet versions

The OpenOffice spreadsheet format (.ods) is now supported:

- **Servlet version: *Run SQL and Copy Data to Table***
- **Portlet version: *Dynamic SQL, SQL Query, and the new SQL Requests***



Authentication to System i

New capability in both the servlet and portlet versions

Support for Single sign-on (SSO)

- **Previously, iSeries Access for Web used only HTTP basic authentication to retrieve the user-ID and password from the user.**
 - Since this profile information could not be shared with other iSeries web-based applications, this often resulted in the user being prompted multiple times from different applications for the same user-ID and password information.

- **iSeries Access for Web now supports the WAS security model so that single sign-on can be accomplished amongst WAS applications.**
 - This then ties into the i5/OS SSO support (i.e., identity tokens that hold user credentials such as password, certificates, EIM that maps a non-iSeries user to an iSeries user profile, and LDAP as the user repository) on the iSeries.

- **New configuration parameters are used to set up this type of environment.**

Authentication to System i

New capability in both the servlet and portlet versions

The 5250 emulator function now includes:

- A checkbox on the 5250 *Start Session* function to Bypass Signon.
 - This enables users to bypass the i5/OS sign-on screen.
- (Note: the bypass sign-on feature cannot be used if iSeries Access for Web is configured to use application server authentication.)

iSeries Access for Web User: CMINER System

My Home Page

- My Folder
- Print
- Messages
- Jobs
- 5250
 - Active sessions
 - Configured sessions
 - Start session
- Database
- Files
- Command
- Download
- Customize
- Other

Related Links

- iSeries Access for Web
- iSeries Access
- iSeries Navigator
- iSeries Information

Start Session

Server ?

Server:

Port:

Code page: ▼

Workstation ID ?

Use user ID

Specify workstation ID

Avoid duplicates for this user

Avoid duplicates with other users

General ?

Initial macro: ▼

Bypass signon

Display HTML data in fields

Start Session

Enhancements to the Portlet version

Portlet version

Database function

- **iSeries SQL**
 - Requests has been added so you can create, save, manage, and run saved SQL requests.

- **iSeries SQL Results**
 - A Viewer has been added so you can view the results of running a saved iSeries SQL request.

The screenshot displays the IBM iSeries SQL portlet interface within a WebSphere Portal. The interface includes a navigation bar with options like 'Welcome', 'My Work', 'My Finances', 'My Newsroom', 'My iSeries', and 'My Favorites'. Below the navigation bar, there are several portlets:

- iSeries Database Table**: A portlet with a title bar and a description: "Use edit mode to configure this function. If edit mode is not available, contact your system administrator." It includes edit, help, and close icons.
- iSeries SQL Query**: A portlet with a title bar and a description: "Use edit mode to configure this function. If edit mode is not available, contact your system administrator." It includes edit, help, and close icons.
- iSeries Dynamic SQL**: A portlet with a title bar and a description: "Use edit mode to configure this function. If edit mode is not available, contact your system administrator." It features a text input field for the "SQL statement:" and a "Run SQL" button. It includes edit, help, and close icons.
- iSeries SQL Requests**: A portlet with a title bar and a description: "Use edit mode to configure this function. If edit mode is not available, contact your system administrator." It includes a "Create Request" button and a "Refresh" button. Below the buttons, it shows a table with columns "Request" and "Actions", and a status bar indicating "Showing 0 - 0 of 0 Page 1 of 1". It includes edit, help, and close icons.
- iSeries SQL Results - Viewer**: A portlet with a title bar and a description: "Use the iSeries SQL Requests portlet to select a request to run." It includes help and close icons.

Enhancements to the Portlet version - Files

Portlet version

File function

- A Zip function has been added so you can zip files in the integrated file system.
- You can also add files to your zip file, extract them from an existing zip, and display the contents of a zip file in the integrated file system.

The screenshot displays the IBM iSeries File List portlet interface. The main window shows a directory listing for the root directory. The listing includes columns for Name, Size (bytes), Type, and Modified. The files listed are ASFTomcat, bin, dev, etc, home, InstallShield, lib, PSF400, QDLS, and QFileSvr.400. Below the listing is a 'Copy File to Server' section with a 'File:' input field, a 'Browse...' button, and a 'Copy to Server' button. On the right side, there are three portlets: 'iSeries File List - Viewer', 'iSeries File List - Editor', and 'iSeries Zip File'. The 'iSeries Zip File' portlet contains a 'Create Zip File' button and instructions on how to use the portlet to create a new zip file.

Name	Size (bytes)	Type	Modified
ASFTomcat		Directory	10/5/05 6:17:52 AM
bin		Directory	10/4/05 1:53:45 PM
dev		Directory	10/4/05 1:53:44 PM
etc		Directory	10/5/05 8:14:52 AM
home		Directory	11/16/05 9:38:49 PM
InstallShield		Directory	10/4/05 4:38:21 PM
lib		Directory	10/4/05 1:56:34 PM
PSF400		Directory	11/15/05 9:53:29 AM
QDLS		Directory	10/4/05 1:46:56 PM
QFileSvr.400		Directory	10/4/05 1:46:57 PM

Enhancements to the Portlet version

Portlet version

i5/OS Credentials

- Users can now change their i5/OS user profile password through iSeries Access for Web
- It will additionally update the defined vault credentials to match the new password value.

The screenshot displays the IBM WebSphere Portal interface. At the top, there is a navigation bar with 'Welcome', 'My Work', 'My Finances', 'My Newsroom', 'My iSeries', and 'My Favorites'. Below this is a secondary navigation bar with 'IFrame Portlets', 'Files', 'Print', 'Database', 'Command', and 'Other'. The main content area features two portlets. The first is 'iSeries Credentials', which includes a 'New Credential' form with the following fields: Name, Description, User, Password, and Confirm password. Below the form are 'OK' and 'Cancel' buttons. The second portlet is 'iSeries Related Links', which contains a list of links: IBM, eServer, iSeries Servers, iSeries Access for Web, iSeries Access, iSeries Navigator, iSeries Information Center, iSeries Resource Library, and iSeries Support. Below the form is an 'iSeries Access for Web Data Store' portlet with a 'Refresh' button and a table showing 0 items.

V5R4 iSeries Access for Web Enhancements

Both Servlets and Portlets	Servlets	Portlets
<p>Authentication</p> <ul style="list-style-type: none"> ▪ Support Single sign-on (SSO) using WAS security model (EIM, LDAP) ▪ 5250 Bypass i5/OS sign-on screen <p>Database</p> <ul style="list-style-type: none"> ▪ Support for OpenOffice Spreadsheet format (.ods) <p>5250</p> <ul style="list-style-type: none"> ▪ Support DDS HTML keywords ▪ Display HTTP/HTTPS URL strings as links 	<p>Database</p> <ul style="list-style-type: none"> ▪ Import/run DB2 Query Manager and IBM Query for iSeries queries ▪ A new output destination of IFS for SQL requests ▪ New option of 'Find' on Tables link <p>Administration</p> <ul style="list-style-type: none"> ▪ Can transfer configuration items between i5/OS user profiles ▪ Can use WebSphere data source names for database connections <p>Files</p> <ul style="list-style-type: none"> ▪ Browse File Share link added 	<p>Database</p> <ul style="list-style-type: none"> ▪ iSeries SQL Requests added ▪ iSeries SQL Results Viewer added <p>Files</p> <ul style="list-style-type: none"> ▪ Zip function added <p>iSeries Credentials</p> <ul style="list-style-type: none"> ▪ Can change i5/OS password via iSeries Access for Web

Please submit requirements through FITS

Best way to get new function into our products!



Functional enhancements can be submitted via the FITS system.

Go to the iSeries Access home page:

<http://www.ibm.com/eserver/series/access/>

And click on link [Request for Design Change](#)

Connectivity solutions...

Linux (native)



iSeries Access for Linux

Windows (native)



iSeries Access for Windows

Wireless



iSeries Access for Wireless

Browser-based



iSeries Access for Web

Summary

The way to work with your System i is through an easy-to-use and powerful GUI..

- Your desktop solutions will 'look great'...
- You have leading technology at your fingertips that bring exceptional productivity benefits...
- You can easily expand your business to the Web

As one customer said ‘ ***a definite “got to have” product for any serious System i shop***’



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System i5

System i

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