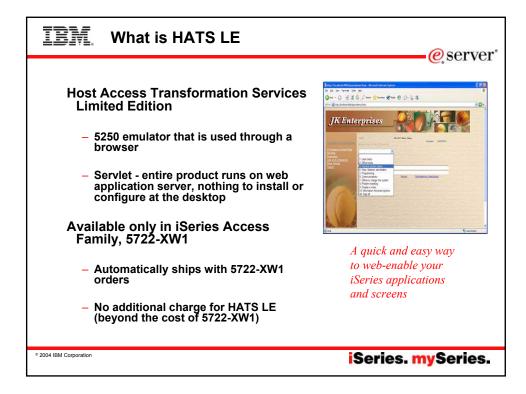
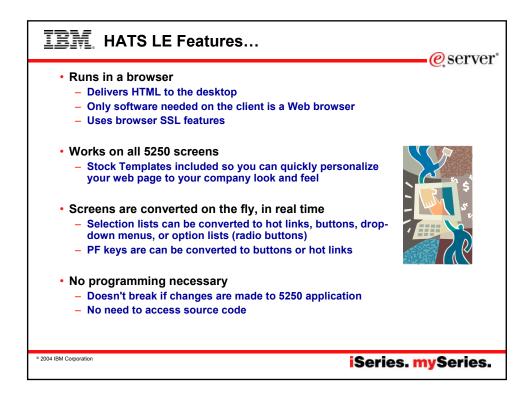
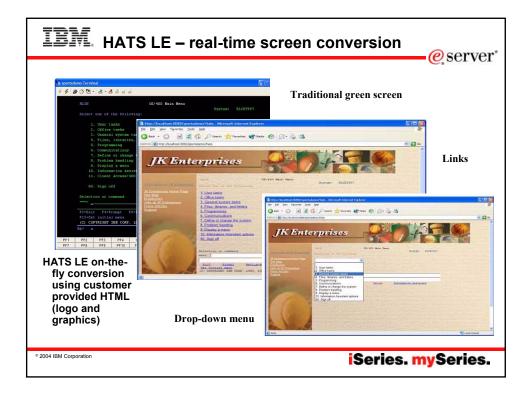
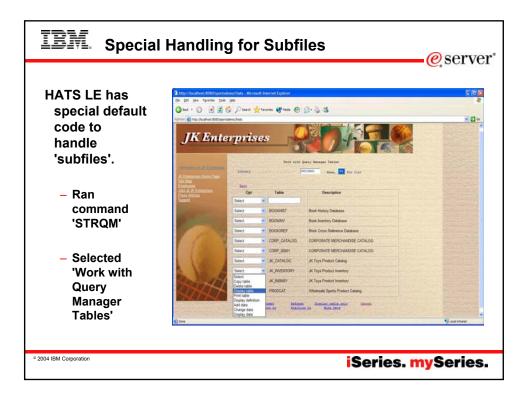


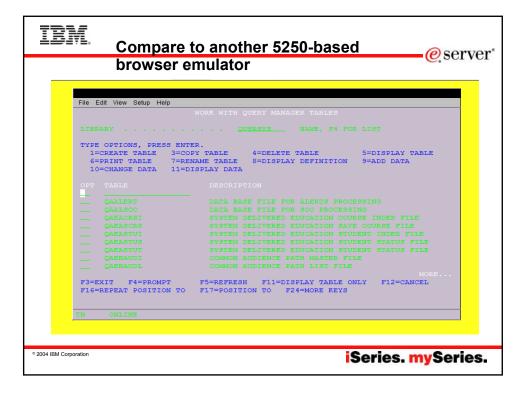
IBM. Agenda	@server"
HATS LE • What Is It? • Packaging / Ordering • System requirements • How to set up • Using it	<ul> <li>Cerver*</li> <li>Did you know that HATS Limited Edition (HATS LE) is included in the iSeries Access Family product?</li> <li>• HATS LE is an on-the-fly 'green screen eliminator' that requires no programming to use. Simply install it and see how your users any work with all their iSeries screens and applications in a modern, GUI view.</li> <li>• HATS LE eliminates PC network administration and desktop configuration as everything runs on the iSeries as it simply sends HTML to the browser.</li> <li>• See how HATS LE compares to HATS and iSeries Access for Web. By the end of this session, you will:</li> <li>• Understand the capabilities of HATS LE.</li> <li>• See how to use it in an iSeries network.</li> <li>• Know what steps to take next in order to start using it</li> </ul>
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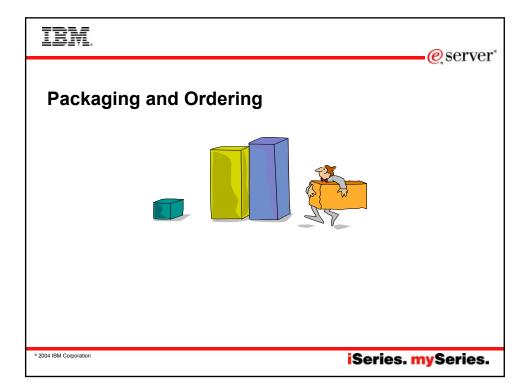




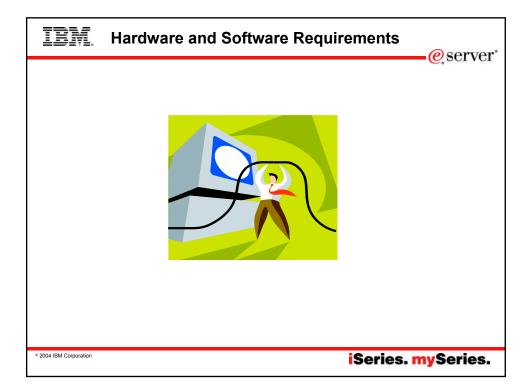




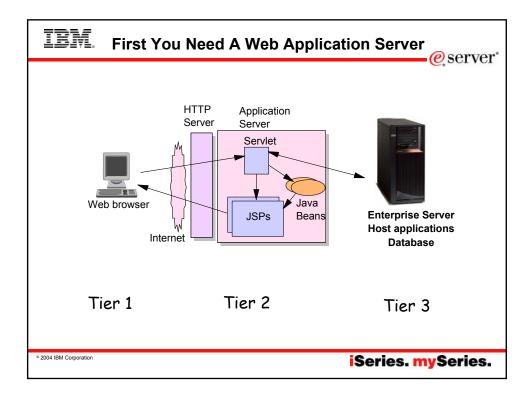


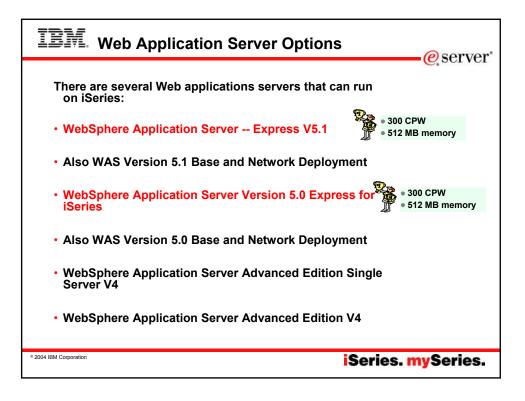


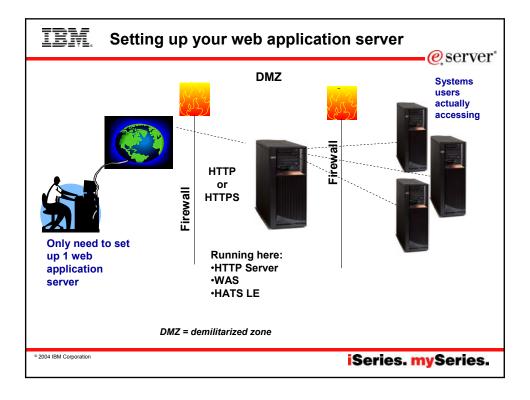
IBM. iSeries Acces	s Family Content	eserver"			
V5R3 iSeries Access Family 5722-XW1 • iSeries Access for Web (5722-XH2) – V5R3 • iSeries Access for Windows (5722-XE1) – V5R3 • HATS Limited Edition (5724-F97-01) – V5 • iSeries Access for Wireless (5722-XP1) – V5R2 • iSeries Access for Linux (5722-XL1)	V5R2 iSeries Access Family 5722-XW1 · iSeries Access for Web (5722-XH2) – V5R2 · iSeries Access for Windows (5722-XE1) – V5R2 · HATS Limited Edition (5724-D34-01) – V4 · iSeries Access for Wireless (5722-XP1) – V5R2 · WebSphere Host Publisher (5724-B81, V4.0, 5724-B81, V4.01) V5R2 customers not wanting to upgrade to OS/400 V5R3 but want the new V5R3 iSeries Access Family clients can order no-charge Feature	OS/400 V5R1 •EOM was 12/2003 •EOS was extended from 5/31/2004 to 9/30/2005			
*2004 IBM Corporation iSeries. mySeries.					

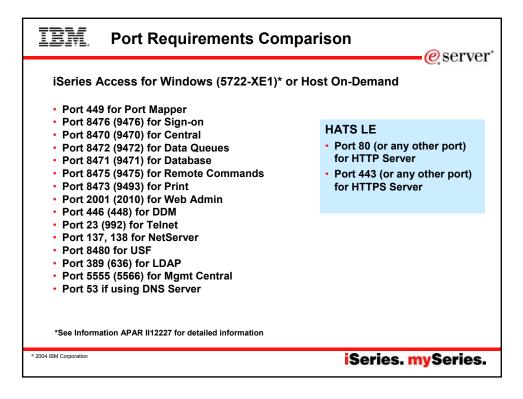


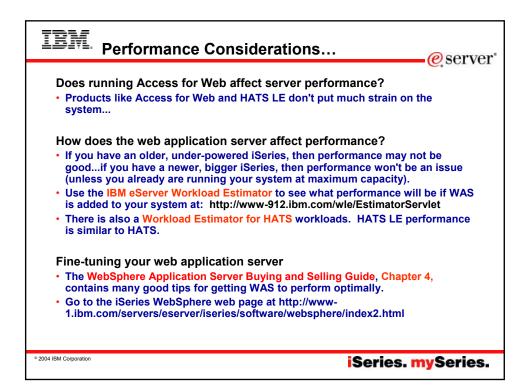
IB	¥.	Client	Requ	ireme	ents		@ sorvor
Intr Exp 5.2 Net 6.2 Net 7.0 Op Kol 3.1 Sat Mo Intr Exp 5.5	tscape + tscape + era 5.0+ nqueror + fari 1.0+ zilla 1.2.1 ernet plorer +	Windows	Solaris Solaris one of	Linux	Macintosh	AIX	Cosidoo vore and vores http://www. Netscape Nozilla
© 2004 IBM Cor	rporation						iSeries. mySeries.

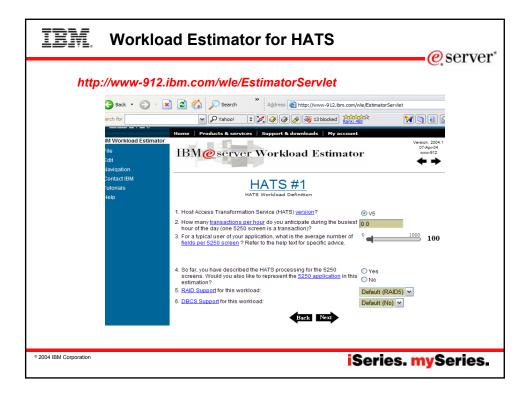


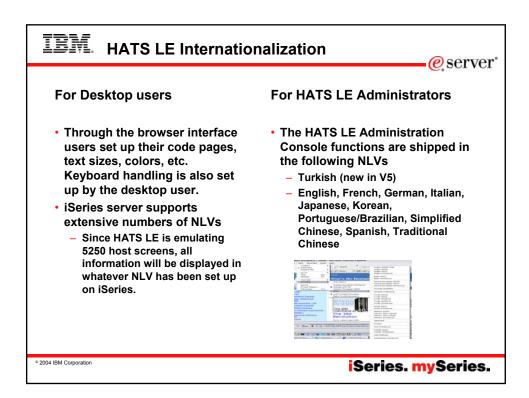


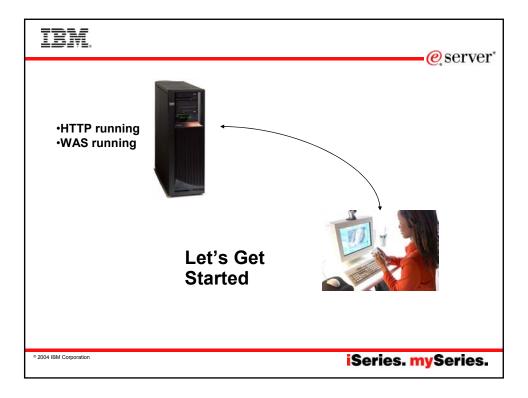


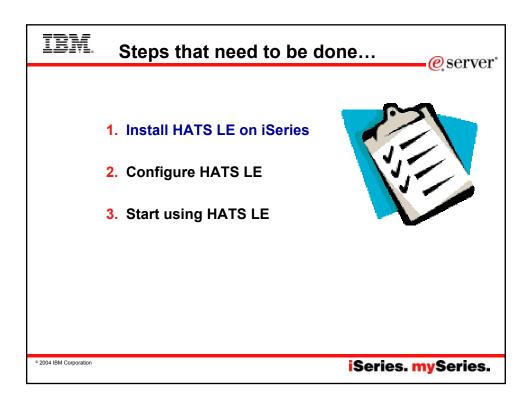


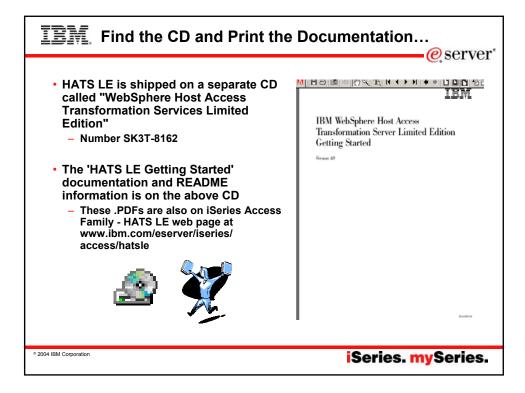


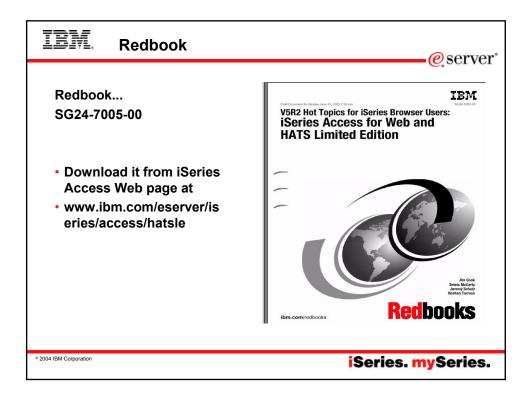


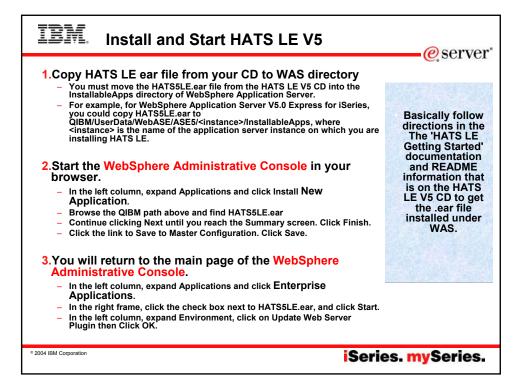




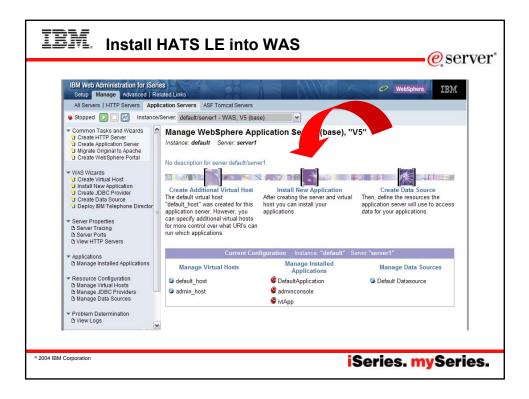


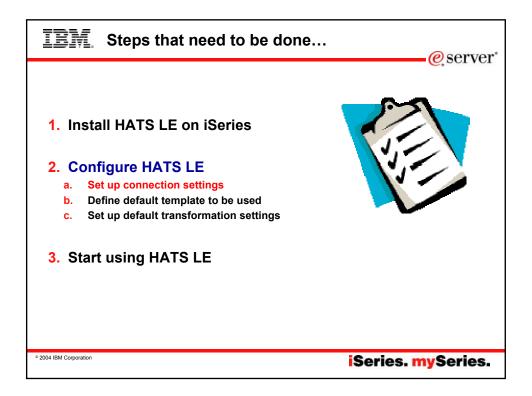


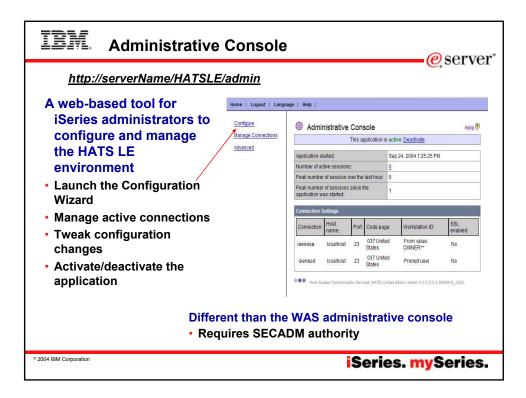


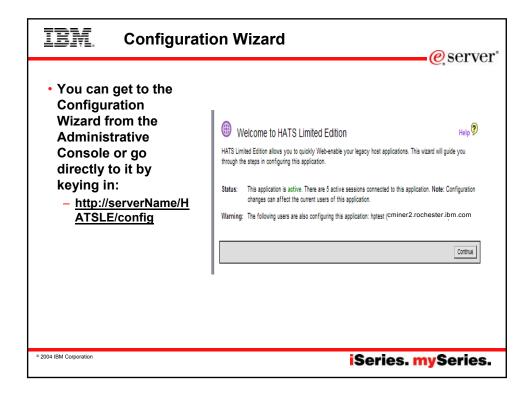






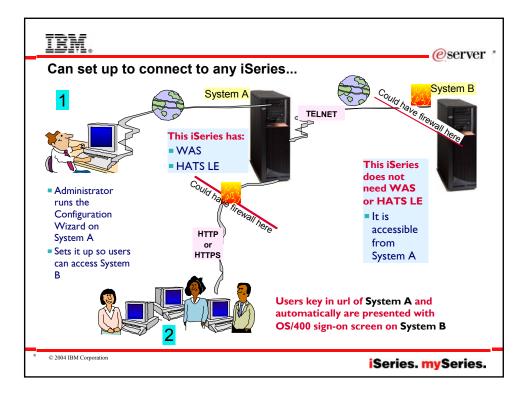


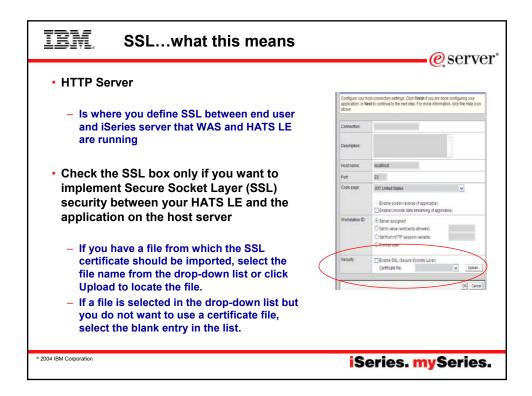


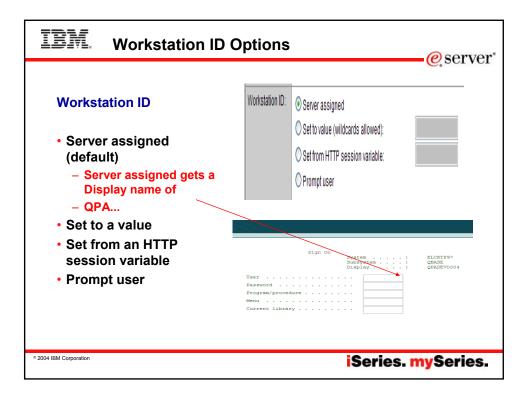


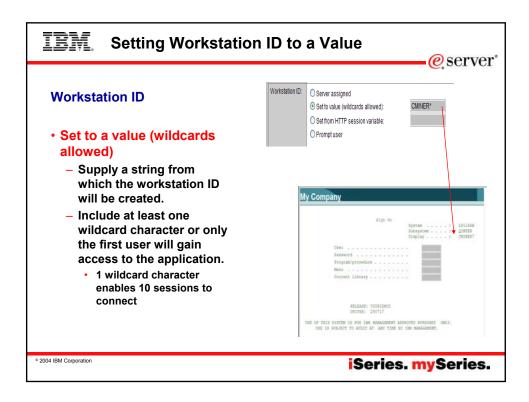
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setting	est connection settings. Click Finish if you an infiguring your	Select a Templa Select a templation, or N Blank pp ClassicTermon, CorporateDann IberiesAccess, Senti sp	e for your applicatio ext to continue to th at jsp	n. Click Filmi e next slep	sh if you are d 2 iguring your		
application, or Ne above.	and to continue to the next step. For more info						
Description.		Show hos	lication keypad If keypad rs to interact with th	e host using	a their keyboards.		
Host name:	localhost	To preview how	your customized ter	mplate will a	ppear, click the Preview button.		
Port	22	La Onchenito a 15 Gerpharphan			Preview	w.	
Code page	O37 United States     Enable screen reverse (if applicable)     Enable Unicode data streaming (if applicable)		Transformatio Select how to n configuring you	ender your	transformed host screens. Click Fir	u are done	
Workstation ID	Server assigned     Set to value (wildcards allowed):     Set from HTTP session variable     Promet user		Detect fund	ction keys	Render as: O Button O Link	Settings	
Security:	Centricate file:		Detect sele	ection lists		tton table opdown list Settings	
<u> </u>	OK Cancel		Detect tabl	es		Settings	1
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	Satu	p default	🕑 Detect field	ts	Fields are always detected.	Settings	)
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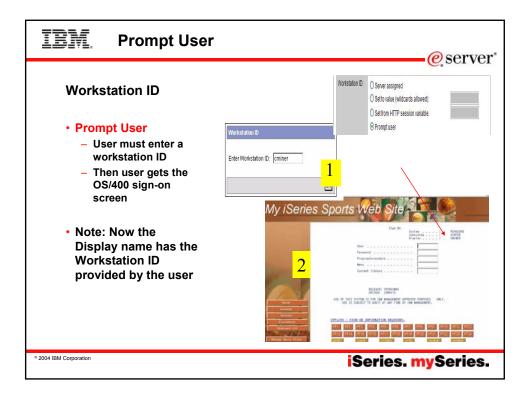
IBM.	Connection Sett	ings	eserver <sup>*</sup>
• Connec – Syst	ction em I want users to		ost connection settings. Click Finish if you are done configuring your xt to continue to the next step. For more information, click the Heip icon
conr	nect to	Connection:	
	sn't have to be system re WAS or HATS LE is ing	Description:	
, i i i i i i i i i i i i i i i i i i i		Host name:	localhost
		Port:	23
<ul> <li>Port</li> </ul>		Code page:	037 United States
• Code p	age	Workstation ID:	Enable screen reverse (if applicable)     Enable Unicode data streaming (if applicable)     Server assigned     Setto value (wildcards allowed):
<ul> <li>Workst</li> </ul>	ation ID		Set from HTTP session variable:     Prompt user
0		Security:	Enable SSL (Secure Sockets Layer) Certificate file: Upload
<ul> <li>Securit</li> </ul>	y - SSL		OK Cancel
© 2004 IBM Corporation			iSeries. mySeries.

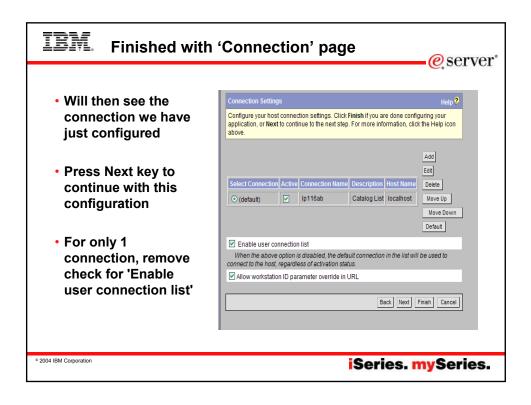


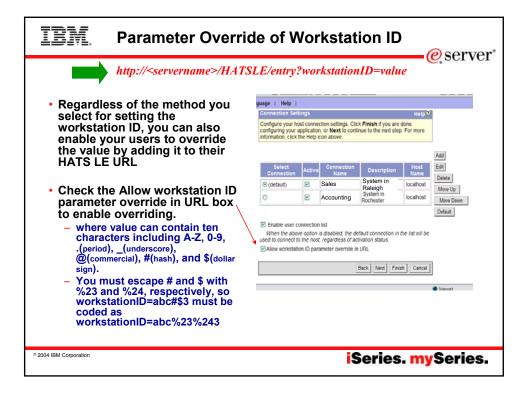


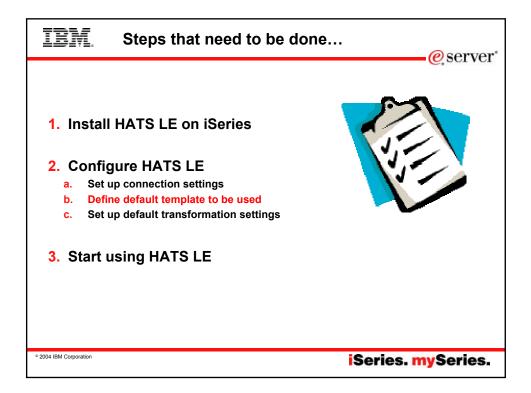


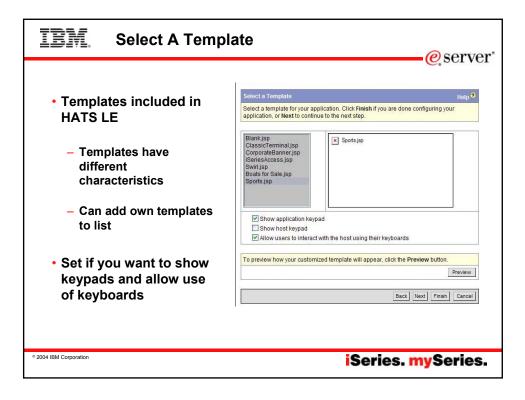






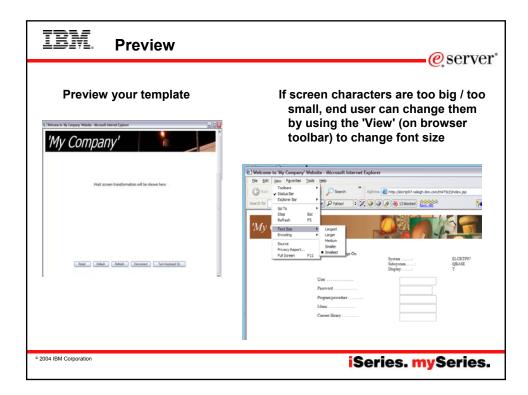


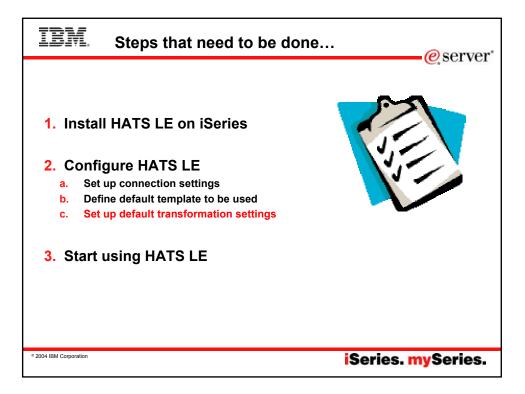


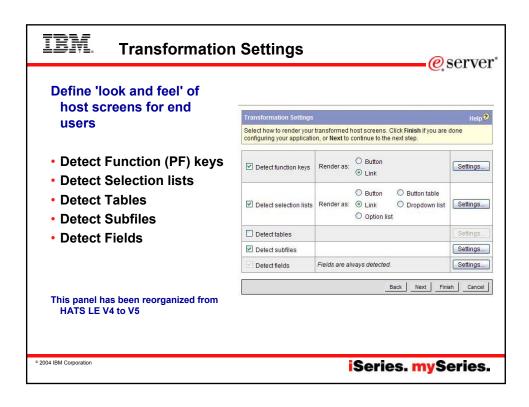


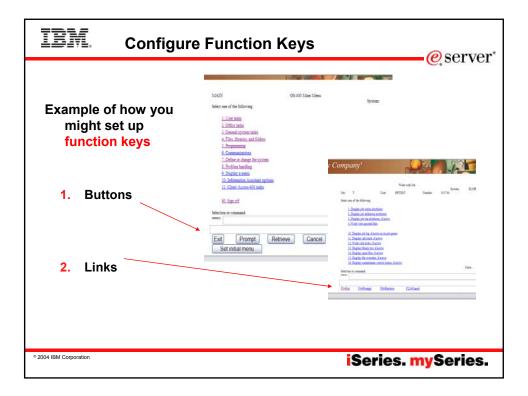
Set up your:	Configure Temp	late : CorporateBanner.jsp	Help 💡
<ul> <li>Windows title</li> </ul>		mplate to look more like your corporate Web s your application, or <b>Next</b> to continue to the ne	
	Window title:	Welcome to 'My Company' Web Site	
<ul> <li>Banner text</li> </ul>	Banner text:	My Company	
<ul> <li>Banner background</li> </ul>	Banner background:	sportsmast.gif	Preview
<ul><li>.GIF</li><li>.JPG</li></ul>	Style sheet	whitetheme.css	Upload
	To preview how y	our customized template will appear, click the	Preview button.
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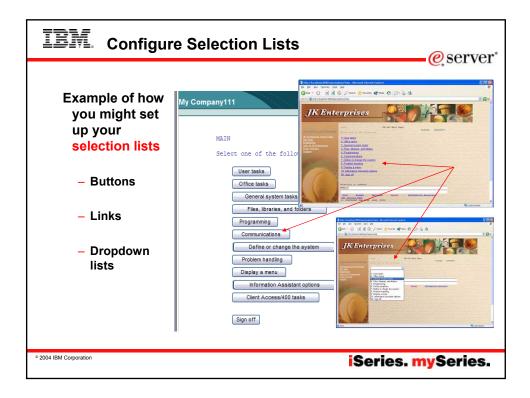
IBM. Options vary on	Temp	late selected	- @ server*
Depending on which template you select, you may have more selection options.	Configure this templ	: CorporateBunner (sp ate to look more like your corporate Web site. Click Fields if you are a golication, or hexit to continue to the next site.	
-	Window title:	Welcome to the My Company Web Site	
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<ul> <li>Here you can upload your</li> </ul>	Style sheet	smallFont.css v Upload	
own banner background	To preview how your	customized template will appear, click the Preview button.	
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Oalast a Otala abast			
<ul> <li>Select a Style sheet</li> </ul>		Select a file: Browse	_
<ul> <li>Or upload your own</li> </ul>			Upload Cancel
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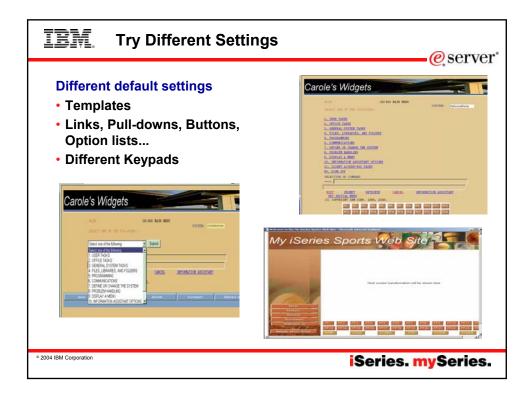




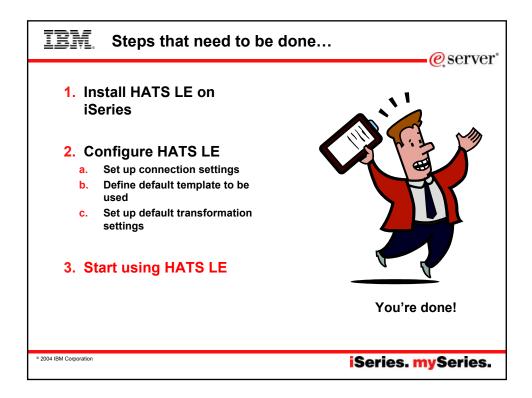
TEM. Subfile Rend	ering	@server*
Subfile rendering is a key differentiator of HATS LE from other browser- based 5250 emulators	Subfile Settings Select how to recognize and render subfiles on the host scree Recognize using default algorithm Action Recognition The subfile actions are recognized based on a text attributes should be used to recognize the actions.	elep ?
emulators	String before leading token: Leading token type: Delimiter:	
	Must be specified color	
	Color:	BLUE
	Must check for high intensity	·
	Must be high intensity	1
© 2004 IBM Corporation	i	Series. <mark>my</mark> Series.

BM. More Settings for Sub	ofile Rendering	g @serve
<ul> <li>Header recognition</li> <li>Table recognition</li> </ul>	Marker recogn	nition
	Marker Recognition	
Header Recognition	Specify the attributes to be used to rec any of the checked attributes is true.	cognize subfile end marker. The end marker will be recognized
Specify the attributes to be used to recognize subfile headers. A header will be recognized if any of the checked attributes is true.	Recognize by text	
Recognize by text	Text	More Bottom
Begins with: Opt	Start row:	1
Must be specified color	Start column:	1
Color: BLUE	End row:	24
High intensity	End column:	60
Specified color	High intensity	
Color: BLUE	Start row:	1
	End row:	24
Table Recognition	Start column:	1
Column delimiter:	End column:	80
Notes Bassardina	Empty row	
Marker Recognition Specify the attributes to be used to recognize subfile end marker. The end marker will be recognized if	Start row:	1
any of the checked attributes is true.	End row:	24
one	a Done	
	. –	
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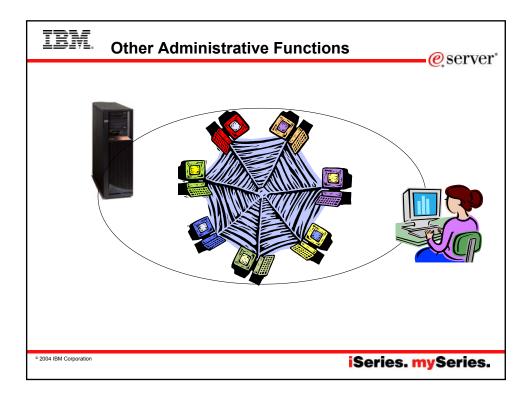
IBM. More	e Settings for	Subfile Render	ing eserve
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<ul> <li>List option st</li> </ul>	tyle class		
•		Dropdown style class:	HATSDROPDOWN
		List option style class:	HATSOPTION
Caption type:	Show both	Table style class:	HATSTABLE
		Table cell style class:	HATSTABLECELL
Auto submit on select		Header row style plass:	HATSTABLEHEADER
Show submit button		Odd row style class:	HATSTABLEODOROW
Submit button caption:	Submit		
Button style class:	HATSBUTTON	Even row style class:	HATSTABLEEVENROW
Button row style class:	HATSTABLEHEADER	Style:	
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List option style class:	HATSOPTION	O Display as a button	
Table style class:	HATSTABLE	O Display as a link	
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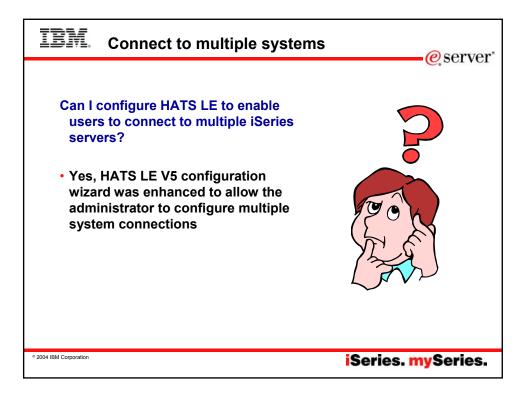


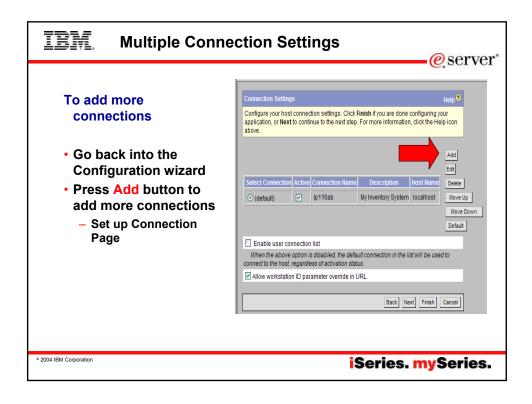
IBM.	Co	nfigur	ation Su	Immary	erver"			
Review	Review the configuration settings you have selected and try it out							
soon a iSeries	as you   s throug an now	press the gh HATS click on t	'Finish' butt LE	on users	. If you leave it checked, then as will be able to start accessing your you just configured and sign on			
Connection Settings	strame Port	Code pager	Workstation ID:	SSL enabled:				
	uitest 23	037 United States	From value: CMINER**	tis	Configuration Complete!			
iteresd ito	attest 21	037 United States	Prongtuser	tia.	3			
Template:		cofficient			You have successfully configured this application. It is active and can be accessed by			
Show application keyped		1			navigating to the following URL:			
Show host keyped:		1						
Keyboard support enabled:		1			http://myisenes.abc.libm.com:2044/HATSLE			
Template Configuration					Note: This application can be reconfigured by accessing the Configuration Wizard. It can			
Window tide: chelcome to My Compo sportssidebal git. Style sheet: white		c win_conextr_056 Bane	r background: sportsmast pf: Navigation	panel background.	be administered by accessing the Administrative Console.			
Transformation Settings								
Automatically detect function (e)s, s	Automatically detect function lines autofess fields							
Attuate application	R -thate spotuation Log Out							
		teox   Fran   Cancel						
© 2004 IBM Corporation					iSeries. mySeries.			

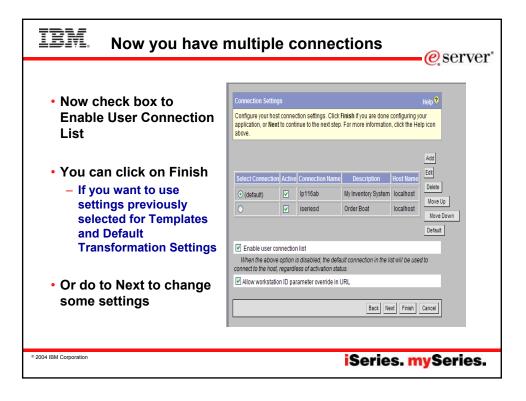


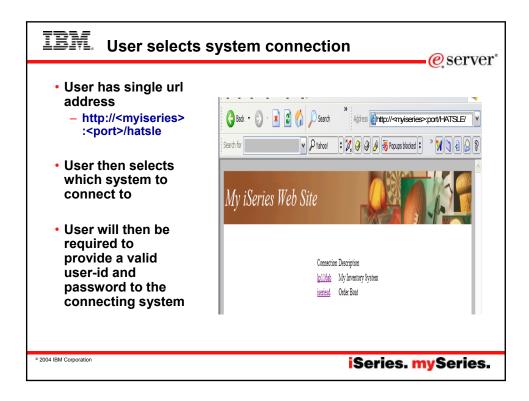
IBM. c	Connect to iSeries via HATS LE	eserver*
	t their browsers and enter url of HATS LE erName/HATSLE	
	Access for Water - Neutral Funder     Mark - Neutral Funder     Mark - Neutral - Neutral Part - Neutral - Neutr	
	Sign On System ISERIESD Solerystem	
	IBM a internal systemic must only be used for conducting IBM a builters or for purposes authorized by IBM management 2010 COMMISCIUS INTACOMP. MICH. 2003.	
© 2004 IBM Corporation	iSerie	es. mySeries.

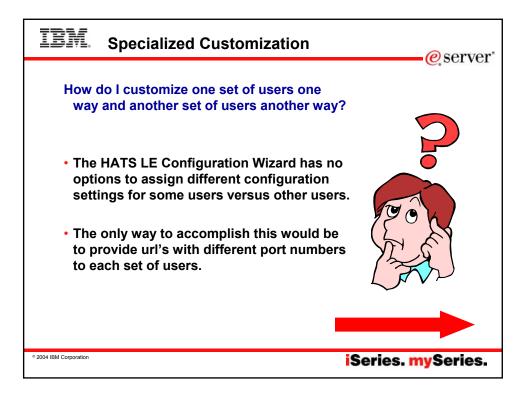


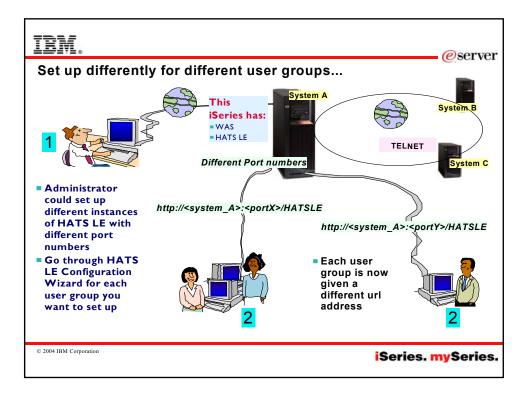


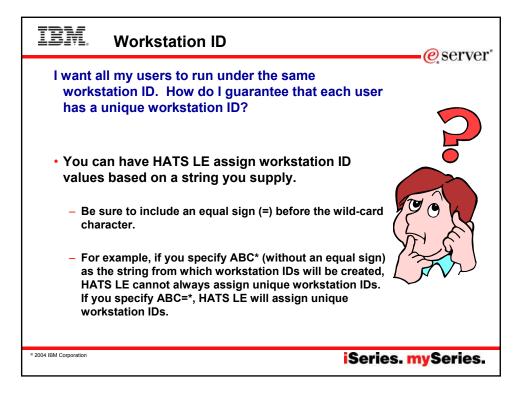






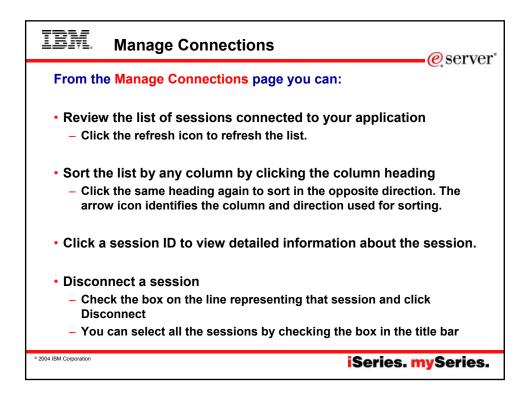


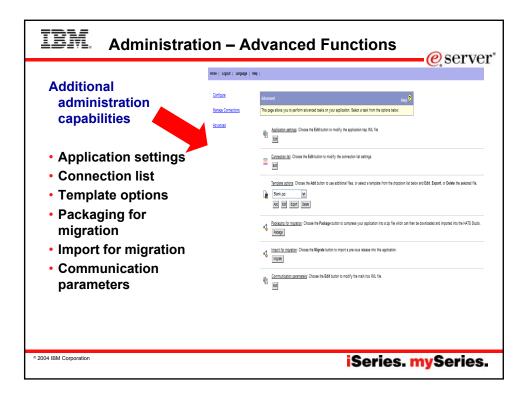


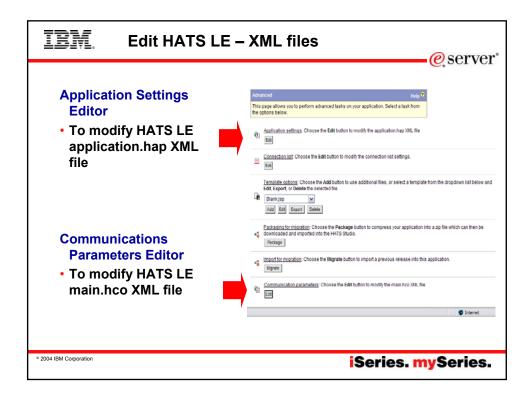


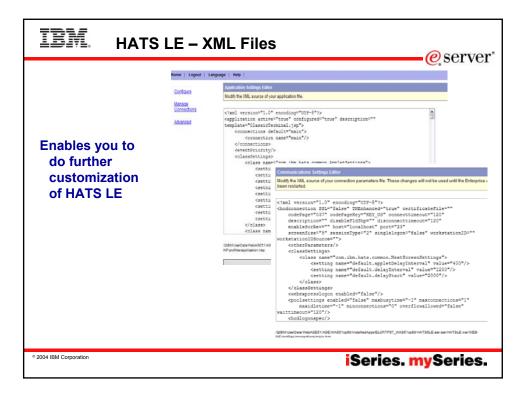
IBM	Example: Unique Workstation IDs
	st connection settings. Click <b>Finish</b> if you are done configuring your to continue to the next step. For more information, click the Help Icon
Host name:	localhost
Port:	23
Code page:	037 United States
Workstation ID:	C Server assigned  C Set to value (wildcards allowed):  Set from HTP session variable:  C Set from HTP session variable:  C Prompt user  Allow workstation ID parameter override in URL  Allow workstation ID parameter override in URL  C Set from HTP session variable:  C Prompt user  C Allow workstation ID parameter override in URL  C Set from HTP session variable:  C Prompt user  C Set from HTP session variable:  Set from HTP session variable
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	System ISERIED Subsystem OUNTER Diaplay
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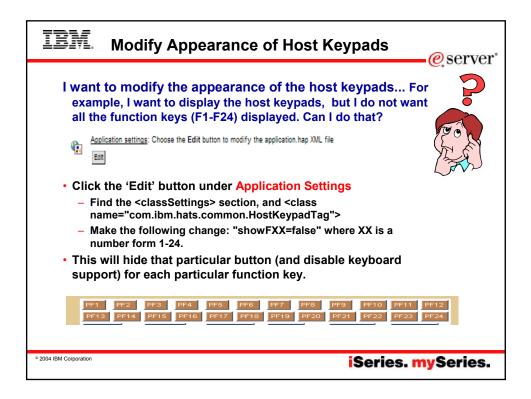
IBM.	Manage C	onnections				e sei	rver"
http://serverName/HATSLE/admin							
This page lists the sessions connected via HATS LE							
	Configure Manage	Manage Connections The table below lists all current, currently 3 active connection(s).	connected session	ns to this applic	ation. Th	Help ?	
Connections         currently 3 active connection(s).           Advanced         Disconnect				Ċ			
		Session ID	Connection Name	IP Address	<u>Status</u>	Start Time	
		WzAksTocxJqiffCvd9G5Fs	iseriesd	9.10.110.192	Ready	5/18/04 4:11 PM	
		9prSqiKdSJndqlTrvN2rbip	lp116ab	9.10.110.192	Ready	5/18/04 4:18 PM	
		3kmXHFy93tp7f07nf-mort	lp116ab	9.10.110.192	Ready	5/18/04 2:42 PM	
© 2004 IBM Corporation				Ser	ies	. <mark>my</mark> Seri	ies.

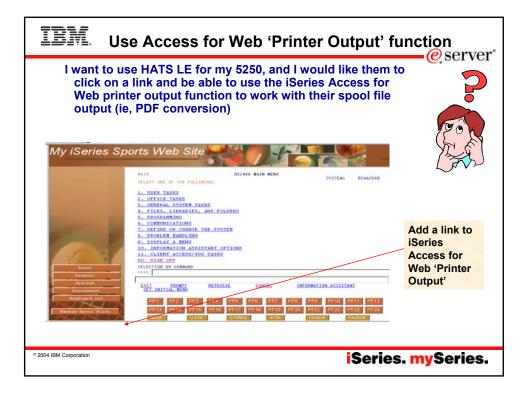








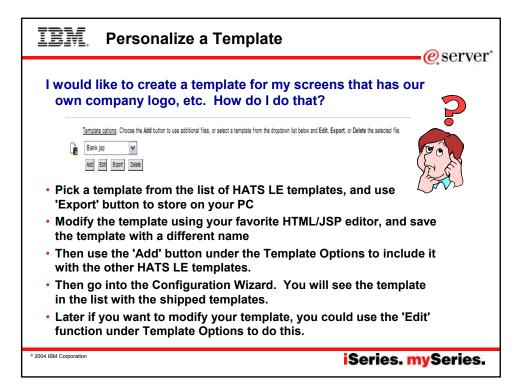


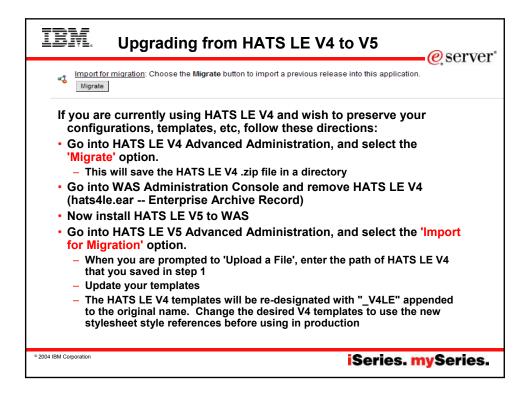


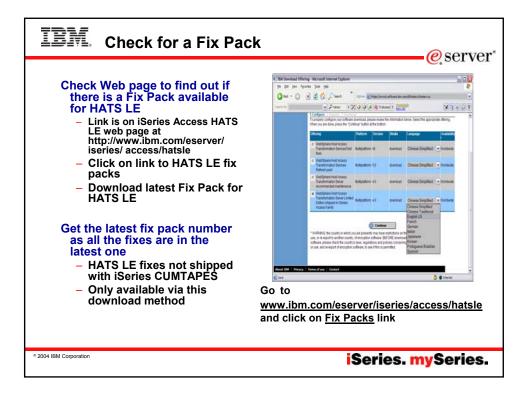
IBM. Add Access for Web	PDF link to HATS LE
	eb Printer Output so users can see/print their jobs The easiest way sole, click "Advanced", select your template and click "Edit".         
-  	Spool Files" onClick="goToURL('http://myiseries/webaccess/iWASpool')"> 
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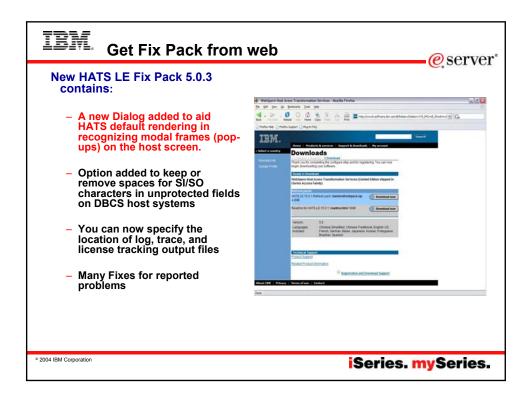
IBM Access for	Web – Printer Output	Screen
CMINER user profile customized in Access for Web - To not show 'Navigation Bar' (ie,	User must sign on again to use iSeries Access for Web	Please type your user name and password. See mytseries 1 Realm MYISERIES.IBM.COM User Name Plassword
no access to other functions) – Different logo Once user is finished	Formal Gowns by Carole  Printer Output for cminer	Save this password in your password list OK Cancel
here, they press browser back button to return to	H 데 나 바 바 요 File User Data Date/Time Pages Status Action	Job File Preview User Job Kame Number Number Output Queue F
HATS LE screen	OP1AOD         VIRKSPLFERM         12/1902 5:35 PM         1         1         Ready         Print Neuty Delete           OP1AOD         VIRKSPLFERM         12/1902 5:37 PM         1         1         Ready         Print Neuty Delete           OP1AOD         VIRKSPLFERM         12/1902 5:37 PM         1         1         Ready         Print Neuty Delete           OP1AOD         VIRKSPLFERM         12/1902 5:35 PM         1         1         Ready         Print Neuty Delete           VI-40         VIRKSPLFERM         12/1902 5:35 PM         1         1         Ready         Print Neuty Delete         Print Neuty Delete	PDF GIF CMINER QPRTJOB 667120 2 QUSRSYS/PRT01
° 2004 IBM Corporation	iS	eries. mySeries.
° 2004 IBM Corporation	iS	eries. mySeries.

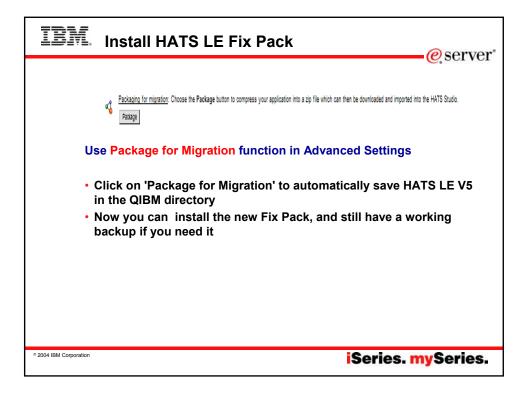
IBM Modify Connec	ction Settings
Connection list: Choose the Edit but	on to modify the connection list settings.
You can use the Connection List Display Editor to modify your connection parameters	Never     Lagent   Lagent   Happing   Happing       Continues     Conversions List Display Editor     Lagent   Lagen
<ul> <li>You could also go into 'Configuration' and then 'Connection Parameters' and do this</li> </ul>	Vocation and the state of the stress of
° 2004 IBM Corporation	iSeries. mySeries.

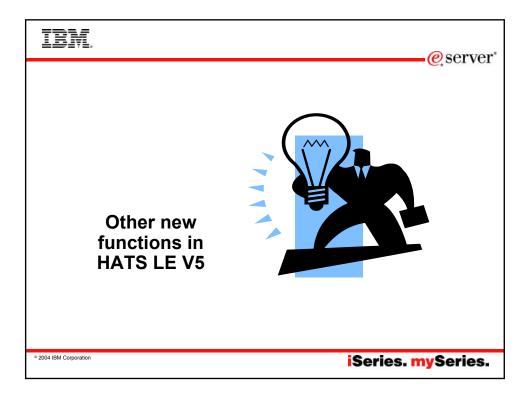


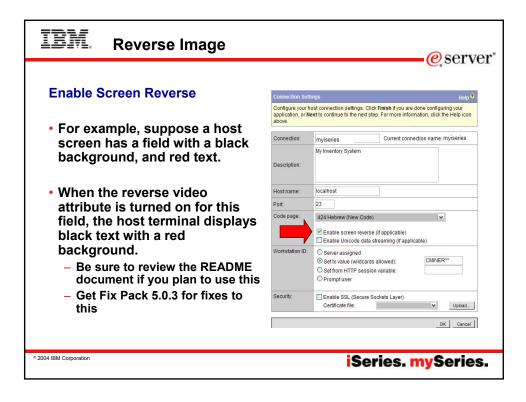


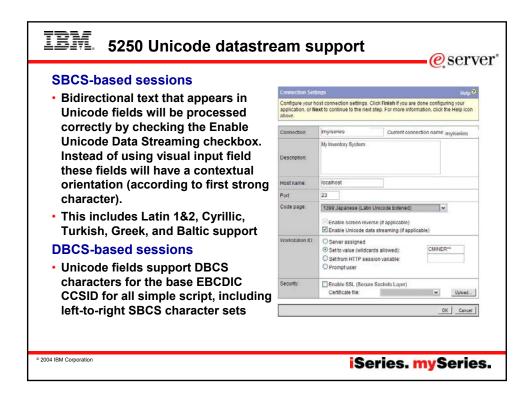


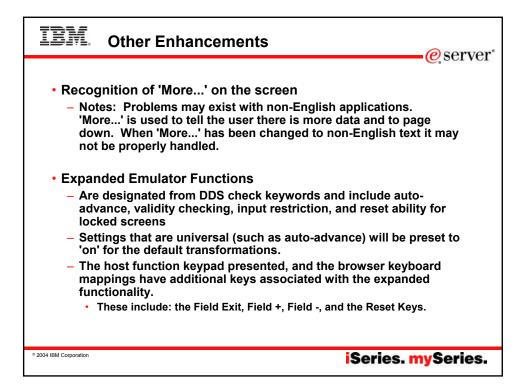


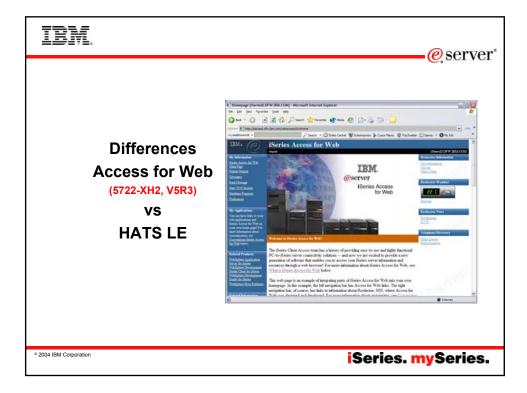


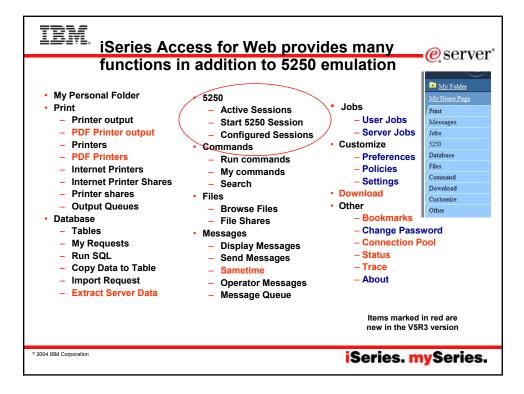


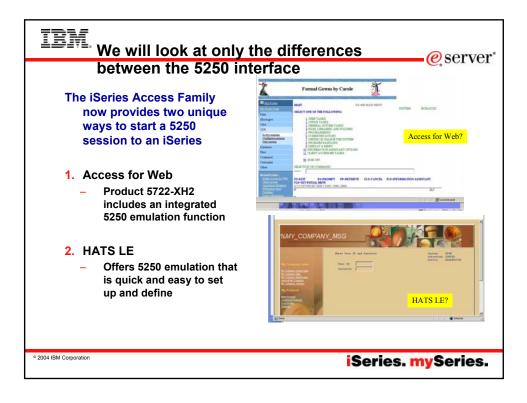


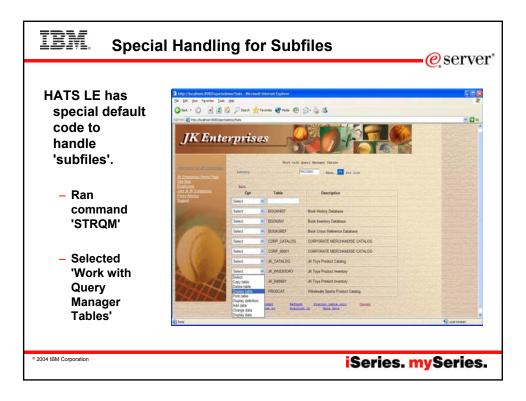






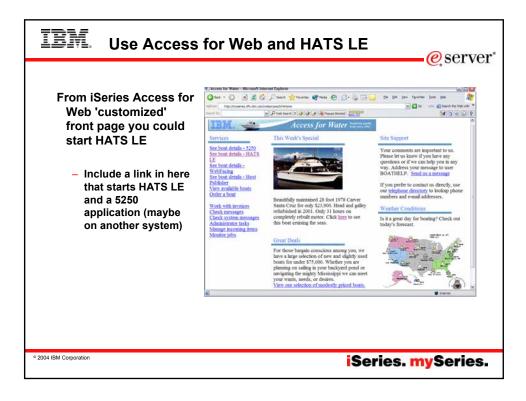


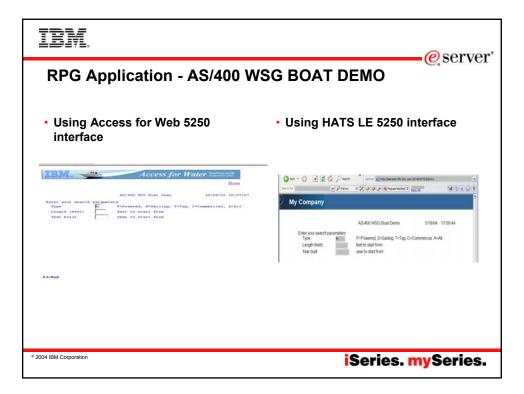


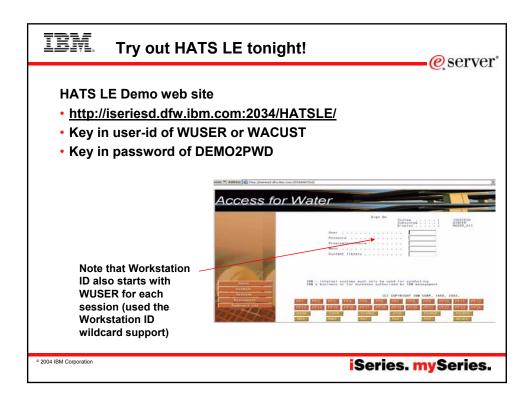


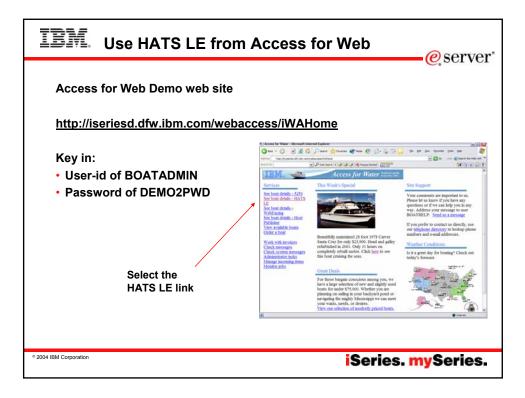
IBM. Access for	Web – Subfile look
Same OS/400 command screen viewed by 5250 emulator in Access for Web	
° 2004 IBM Corporation	iSeries. mySeries.

Capability	Access for	HATS
	Web	LE
5250 display emulation		
•Can enable 'More' on a button, cursor positioning help (ie, will perform function that pressing F1, F9, etc would do)	Yes	Yes
•Can specify to have drop down lists	No	Yes
•Can detect selection lists and tables and provide an enhanced GUI look	No	Yes
Provides special handling for Subfiles	No	Yes
•Can start multiple 5250 sessions to multiple iSeries servers from single brows connection	er Yes	No (1
*Macro support to eliminate entering repetitive commands or even bypass the second sign-on screen.	Yes	No
•One centrally administrated user interface applies to all 5250 users	Yes	Yes
Keyboard support		
<ul> <li>Internet Explorer/Netscape - can press Function keys, page up/down, etc</li> </ul>	Yes	Yes
Web page customization		
<ul> <li>Templates included for setting up GUI (ie, company logos, etc)</li> </ul>	No	Yes
<ul> <li>Can build different front pages ('window) for different users</li> </ul>	Yes	No
Web application servers supported:		
•WAS - all V4 and V5 versions	Yes	Yes
•Runs as a portlet in WebSphere Portal Express	Yes	No
•ASF Tomcat	Yes	No
GUI access to iSeries resources		
Database , Printers, Printer Output, IFS, NetServer	Yes	No (2

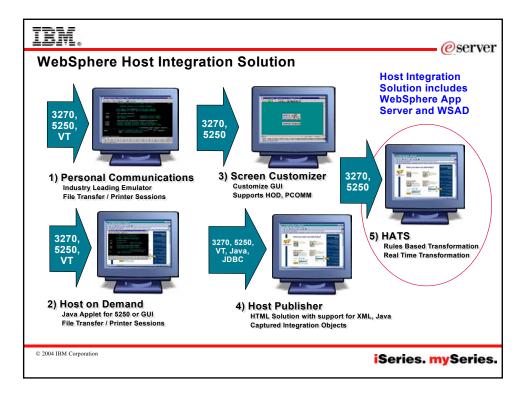




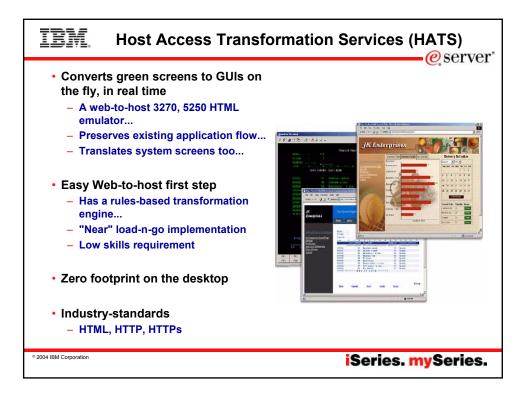


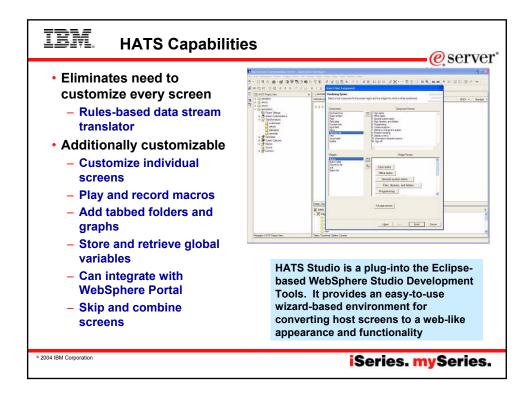


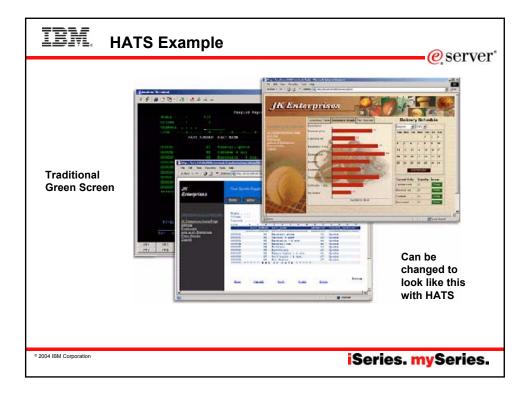


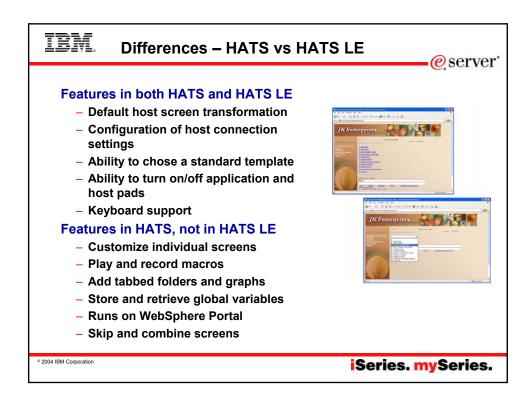


Title
HATS FOR MULTIPLATFORMS, CONCURRENT, LIC+SW MAINT 12 MONTHS
HATS FOR ISERIES, CONCURRENT, LIC+SW MAINT 12 MONTHS
HOST ACCESS TRANSFORMATION SVC INTR REG LIC+SW MAINT 12 MO
HATS FOR ISERIES, REGISTERED, LIC+SW MAINT 12 MONTHS
/ww-306.ibm.com/software/sw-atoz/









## IBM. Comparison Table

## eserver

Function	HATS	HATS LE
On-the-fly rules-based conversion of host screens to HTML GUIs	Yes	Yes
No need to access or modify source code	Yes	Yes
Host applications can be deployed to the Web within hours	Yes	Yes
Does not require modification when changes are made to host applications	Yes	Yes
Zero-footprint, zero-download - only code needed on the client is a Web browser	Yes	Yes
Supports iSeries subfiles	Yes	Yes
Provides native keyboard support	Yes	Yes
Secure HTTP (HTTPs) and Secure Socket Layer (SSL) security	Yes	Yes
Runs with WebSphere Application Server V4 & V5, including V5 Express	Yes	Yes
Leverages reliability and scalability of WebSphere Application Server	Yes	Yes
Works with Internet Explorer and Netscape Web browsers	Yes	Yes
Supports 5250 hosts	Yes	Yes
Supports 3270 hosts	Yes	No
Requires a WebSphere Studio installed on PC (either V4 or V5) to customize ${\sf HTML}$	Yes	No
Uses Web-based Configurator and Management tool to customize HTML	No	Yes
Runs on iSeries Server Platform	Yes	Yes
Runs on AIX, Windows, Solaris, and zSeries Server Platforms	Yes	No

Any individual screen can be fully customized Generate and run macros Skip and combine screens Stere & rational data in slobel variables	Yes Yes	No
Skip and combine screens	Yes	
		No
Store & rotriove data in global veriables	Yes	No
Store & retrieve data in global variables	Yes	No
Enter data on behalf of end user	Yes	No
Convert text entry fields to valid value lists	Yes	No
Create tabbed folders (with easy to use wizards)	Yes	No
Create bar & line graphs (with easy to use wizards)	Yes	No
Redirect users to other URLs	Yes	No
Globally replace text	Yes	No
Add business logic	Yes	No
Print locally with PDF printing function	Yes	No (1)
Use HATS portlet to integrate with WebSphere Portal	Yes	No

