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Introduction

About This Guide

This guide is intended to show implementers and authorized/responsible IT personnel how to install iBrowse on the Windows 2008 Server operating system. There are separate sections for manual and automatic installations.

iBrowse Overview

iBrowse enables employees and managers to access data for review and to perform transactions. Access to information is predefined and controlled according to authorization levels, so only information that is relevant and necessary is made available. By providing self-service capabilities to employees, managerial and HR department intervention is drastically reduced to save time and cost, and to increase productivity.

iBrowse provides the following features and benefits:

- Direct retrieval of information to eliminate the need to involve HR and payroll departments
- Independent data updates, subject to an authorization process, for a more efficient workflow
- Automated requests to enable employees and managers to submit and approve requests, such as vacation leave, thus saving valuable time and resources.

Pre-requisites

The following must be done **by the customer** prior to your arrival at the customer, or prior to the pre-installation procedures.

- Ensure that the customer has provided for the correct hardware requirements specified in the documentation for all applications to be installed.
- Ensure that the customer installs **IIS** (Internet Information Services) and **Component Services** on the server.
- Ensure that the customer installs .NET Framework 2 Service Pack 2 on the server.

Defining the iBrowse Authenticated User

Before you begin the installation setup, define the Windows user.

One Server Configuration							
Privileges in Installation Process		Privileges After Installation					
сом	тк	TKSQL	IIS	COM TK TKSQL II			IIS
Admin	Admin	Admin	Admin	User	User	User	User

It is critical to have all required configuration settings defined before you under your installation. As a "best practice", enter your configuration settings in a worksheet like the one below as a prerequisite to beginning the installation procedure.

Distributed Server Configuration				
Privileges in Installation Process	Privileges After Installation			

Manual Installation

This section describes manual installation procedures.

Pre-installation Procedures

Before you install iBrowse, you must do the following:

- 1. Ensure that TKSQL is updated to the most recent version.
 - a. Verify by opening TKSQL; the version is displayed on the title bar.
 - **b.** If TKSQL is not updated to the most recent version, install the latest installation set/service pack.
- Together with the customer's IT personnel, backup the customer's database.
- 3. Ensure the following installations:
 - a. From the server, select Control Panel => Administrative Tools, and verify that IIS (Internet Information Services) and Component Services are installed on the customer's server.



b. Select Control Panel => Add/Remove Programs, ensure that the customer has installed Microsoft .NET Framework 2 Service Pack 2.

🐻 Add or Re	move Programs				
5	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name		~
C <u>h</u> ange or Remove Programs	Microsoft .NET Framework 1.1				^
74	Microsoft .NET Framework 2.0 Service Pack 2		Size	185.00MB 179.00MB	
Add <u>N</u> ew	Microsoft .NET Framework 3.5 SP1		Size	28.06MB	
Frograms	🙀 Microsoft Compression Client Pack 1.0 for Windows XP		Size	26.27MB	
Add/Remove	B Microsoft Office 2003 Web Components		Size	42.44MB	
<u>W</u> indows Components	Microsoft Office Professional 2007 Microsoft Office Project Professional 2007		Size	780.00MB	
€⁄	B Microsoft Office Visio Professional 2007		Size :	1,024.00MB	
Set Program Access and	Microsoft SQL Server 2000 (SQL2000)		Size	78.39MB	
Defaults	 Microsoft SQL Server 2005 Microsoft SQL Server 2005 Backward compatibility 		Size	936.00MB	
	Microsoft SQL Server 2005 Books Online (English)		Size	26.30MB	
	Microsoft SQL Server Native Client		Size	4.21MB	
	Microsoft SQL Server Setup Support Files (English)		Size	19.81MB	
	Microsoft SQL Server VSS Writer Microsoft Licer-Mode Driver Framework Feature Pack 1	L0	Size	0.66MB	~

- **c.** If they do **not** appear (and are therefore not installed), ensure that the customer installs them immediately.
- **4.** Ensure that the TKSQL installation on the server is iBrowse-enabled. Do as follows:
 - a. From the TKSQL menubar, select Setup=> Add/Edit Configuration
 Files => System Environment Definitions. The System
 Configuration screen is displayed.
 - **b.** From the left pane, select **General Configuration => Subsystems**.

c. Ensure that iBrowse Module Support is selected.



d. If it is not selected, from the toolbar, click the password icon, and enter your dealer password.

System Configuration	
? 🔍 🖹 🗎 📭	
 System Configuration General Configuration Sub-Systems Retro Calculations Dealer Security & Authorization Language Date & Time Printer & Printing Daily File Structure Employee File External Programs Key Fields Format BackUp Monse 	Using Module ESHEL TimeCosting-PC Module Dep-Allocation-PC Module CanteenKeeper-PC Module CanteenKeeper-PC Module Time Scheduling (TSM) TAKSHIR Installed PARTINE Installed PARTINE Installed Absence Planning Module SAP Integration Office 2003 Integration Enter Password Madan Options

- 5. Ensure that you have at least user assigned to an iBrowse profile. Do as follows:
 - a. From the TKSQL menubar, select Setup=> Add/Edit System
 Security Audit Trail Files => iBrowse Profiles. The System
 Configuration screen is displayed.

b. Ensure that at least one profile is displayed, such as displayed here.

🖥 Copyright (C) 1983-2010 Lavie Time	Tech Ltd.					
Table Number	——— Tab	e Description				7
1 employee pund	ch +TC					
Attendance Time Costing General	Display	Dates	Reports	Time Sheet	Absen	L ce Req.
Time and Attendance Display Mode	In/Out Pund	hes - Read/Write!			-	
Time and Attendance Display Options						
Rows Per Day On Period Edits Screen		2 Per Diem		No	-	
Rows Per Day On Daily Edits Screen		5 KM/ML		No	-	
In/Out Punches + Duration		In/Out Punches			•	
Manual pay categories for duration		,		Sel	ect	
Absence Display Options				Sel	ect	
Possible Punch Types		1				
✓ Attendance J Call Back		Use The Clock	k Button	No	-	
Partial Absence On Duty		Check the pre-	v. day is closed	No No	-	
Display report types in periodic form		Apply In\Out P	airs Check	No	•	
Transfer Data to TK Only After Supervisor S	Signof Systen Cor	nfiguration			-	
Attachments	Details					
1						
? ICTC	H + F	H	<u>)</u> (*	1	Į.	

Installing iBrowse Manually

To perform manual installation:

- 1. Copy the iBrowse installation disc to a temporary folder on the server's **C** drive.
- 2. Update the directory with the relevant COM objects and iBrowse files. Do as follows:
 - a. In the server, in C:\iBrowse, create the following folders:
 - C:\iBrowse\iBrw_obj
 - C:\iBrowse\iBrw_web
 - **b.** From the installation disc, copy all objects from the COM OBJECTS folder to C:\iBrowse\iBrw_obj.
 - c. From the installation disc, copy all objects from the iBrowse directory to C:\iBrowse\iBrw_web.
- 3. Delete the temporary folder.
- 4. Ensure that both the iBrw_obj and the iBrw_web folders, and all their contents and sub-folders, have read/write privileges. For each folder, do as follows:
 - a. Right-click the folder, and from the General tab, in Attributes, clear the Read-only check-box.

 In the Confirm Attribute Changes message, ensure that Apply changes to this folder, sub-folder and files is selected, and click OK.

ibrw_obj Pro	perties	? 🗙
General Shari	ing Security W	/eb Sharing Customize
	ibrw_obj	
Туре:	File Folder	
Location:	C:\iBrowse	
Size:	3.68 MB (3,862	585 bytes)
Size on disk:	3.68 MB (3,866	624 bytes)
Contains:	3 Files, 0 Folder	Confirm Attribute Changes
Created:	Tuesday, Octob	You have chosen to make the following attribute changes:
Attributes:	Read-only	unset read-only
	Hidden	Do you want to apply this change to this folder only, or do you want to apply it to all subfolders and files as well? Apply changes to this folder only Apply changes to this folder, subfolders and files
	ОК	OK Cancel

- c. From the General tab, click OK.
- **5**. Copy the Install folder to C:\iBrowse.
- 6. Install a website on the server. Do as follows:
 - a. From Administrative Tools, open Internet Information Services.

 b. From the left pane, right-click Default Web Site, and select New=>Virtual Directory.

🔀 Internet Information Service	S					
File Action View Help						
Version Services Version Services Version Services Version Services Version Services Version Services Explore Open Browse Pause New All Tasks Rename Refresh	Computer BEVANR (local computer) Virtual Directory	Local Version Yes IIS V5.1	Sta			
Properties Help	<		>			
Creates a new item in this container.	Creates a new item in this container.					

c. In the Virtual Directory Creation wizard, click Next.



d. In the Alias field, enter the virtual directory's alias, and click Next.

Virtual Directory Creation Wizard
Virtual Directory Alias You must give the virtual directory a short name, or alias, for quick reference.
Type the alias you want to use to gain access to this Web virtual directory. Use the same naming conventions that you would for naming a directory. Alias: iBrowse
< Back Next > Cancel

e. In the **Directory** field, specify the iBrowse web directory where the iBrowse files are located, and click **Next**.

Virtual Directory Creation Wizard	
Web Site Content Directory Where is the content you want to publish on the Web site?	
Enter the path to the directory that contains the content. Directory:	
c:\ibrowse\ibrw_web	Browse
<pre> Back Next ></pre>	Cancel

f. Specify Read and Run Scripts permissions:

Virtual Directory Creation Wizard
Access Permissions What access permissions do you want to set for this virtual directory?
Allow the following:
🔽 Read
Run scripts (such as ASP)
Execute (such as ISAPI applications or CGI)
☐ Write
E Browse
Click Next to complete the wizard.
<pre></pre>

g. Click Next to finish.



 Copy the LAVLBSQL.DLL file from the server's iBrowse\System32 folder to the server's Windows\System32 folder:

🗀 system 3	2						X
File Edit	View Favorites	Tools	Help				1 1
	~ •						-
Search 🕫 🔊 🕉 🔊 Search 🌮 Folders 🛄 🔹							
Address 🛅	Address 🗁 C:\WINDOW5\system32						
			Name	Size	Туре	Date Modified 🔺	^
System	Tasks	۲	🖬 l3codeca.acm	301 KB	ACM File	1/29/2010 4:36 PM	
👝 under	the contract of		🔊 quartz.dll	1,262 KB	Application Extension	2/5/2010 8:27 PM	
this fi	the contents or older		🔊 6to4svc.dll	99 KB	Application Extension	2/12/2010 6:33 AM	
bbA 🖉	or remove		www.exechoice.exe	287 KB	Application	2/12/2010 12:03 PM	
progr	rams		🔊 asycfilt.dll	64 KB	Application Extension	3/5/2010 4:37 PM	
🔎 🔎 Searc	ch for files or		🔊 vbscript.dll	411 KB	Application Extension	3/10/2010 8:15 AM	
folde	rs		🖻 mpg4ds32.ax	257 KB	AX File	3/30/2010 12:52 AM	
			Smp4sdecd.dll	310 KB	Application Extension	3/30/2010 12:24 PM	
			PresentationHost.exe	289 KB	Application	3/30/2010 11:10 PM	
File and	Folder Tasks	~	NesentationHostProxy.dll	97 KB	Application Extension	3/30/2010 11:16 PM	
🤭 Make	a new folder		S WMVCore.dll	2,405 KB	Application Extension	4/6/2010 3:52 AM	
🙆 Dublic	sh this folder to		🔊 usp10.dll	397 KB	Application Extension	4/16/2010 5:36 PM	
the V	Veb		🔊 atmfd.dll	279 KB	Application Extension	4/20/2010 7:30 AM	
🔛 Share	e this folder		tzchange.exe	45 KB	Application	4/21/2010 3:28 PM	
-			ntkrnlpa.exe	1,977 KB	Application	4/27/2010 3:05 PM	
			mtoskrnl.exe	2,096 KB	Application	4/27/2010 3:59 PM	
Other Pla	aces	*	🖬 d3d8caps.dat	1 KB	DAT File	5/10/2010 7:52 PM	
~			🗐 TZLog.log	219 KB	Text Document	6/7/2010 5:00 PM	
	DOWS		🔊 inetcomm.dll	677 KB	Application Extension	6/9/2010 9:43 AM	
📋 My Di	ocuments	<	LAVLBSQL.dll	364 KB	Application Extension	6/9/2010 4:36 PM	
📃 🙀 My O	omputer		Smsxml3.dll	1,145 KB	Application Extension	6/14/2010 9:41 AM	
🔍 My N	etwork Places		🖬 l3codecx.ax	141 KB	AX File	6/15/2010 6:11 PM	
3			🔊 icevid. dll	79 KB	Application Extension	6/17/2010 4:03 PM	
			🔊 winsrv.dll	287 KB	Application Extension	6/18/2010 7:45 PM	
Details		۵.	ie4uinit.exe	169 KB	Application	6/23/2010 2:08 PM	
-		Ň	🖉 🖻 missoolusus	1 000 KD	C	210020010 0.44 PM	~
2,370 objects ((plus 8 hidden)				498 MB	😼 My Computer	

- 8. Install COM+ components on the server. Do as follows:
 - a. From Administrative Tools, open Component Services.
 - From the left pane, expand Component Services, and then expand My Computer.
 - c. Right-click COM+Applications, and select New=>Application.
 - d. In the COM+ Application Install Wizard, click Next.

e. In the Install or Create a New Aplication, select Create a New Application, and click Next.

Welcome to the COM+ Application Install Wizard	
Install or Create a New Application Please choose whether you want to install a pre-built application or create an empty application.	3
Install pre-built application(s).	
Create an empty application.	
Computer: My Computer	
< Back Next >	Cancel

f. In Create Empty Application, name the application IcClock, and click Next.

Welcome to the COM+ Application Install Wizard	
Create Empty Application Please specify the name of the new application.	5
Enter a name for the new application: IcClock Activation Type C Library application Components will be activated in the creator's process. Server application Components will be activated in a dedicated server process.	
<pre></pre>	cel

g. In Set Application Identity, select This User, and set the user name and password to iBrowse, or any other relevant user name or password defined on the server or network. The TK COM objects will be loaded onto the server using this user's privileges.

Welcome to the COM+ Appl	ication Install Wizard	×
Set Application Identity Please specify the applicat	ion identity.	7
Account The application identity will be will run under this account. If applied to each application. Interactive user - the curre This user: User:	e set to the following account. Components in the application you are creating more than one application, this setting will be ent logged on user TKUSER Browse	
Password:	XXXXXX	
Confirm password:	NXXXXX	
	<pre></pre>	

 Click Next to finish. IcClock is created in the Component Services directory:



- i. Open **Component Services**, and from the left pane, expand **My Computer**.
- j. Expand IcClock, right-click Components, and select New=>Component.

Somponent Services	
🐌 File Action View Window Help	_ 8 ×
← → 🖻 🗷 🗡 🕑 😰 🗷 💾 🟪 🗄 🏥 🗰 🗒	
Console Root Component Services Computers My Computer COM+ Applications COM+ COM+ Components COM+ Utilities COM+ Utilities COMPONENT Component	

- k. In the COM+Component Install Wizard, click Next.
- I. In Import or Install a New Component, select Install a New Component.

Welcome to the CO	M+ Component Install Wizard
Import or install a install a new co	component omponent or import components that are already registered.
	Install new component(s).
A	Import component(s) that are already registered. WARNING: This will not register interface and method information.
	Install new event class(es).
Application:	IcClock
Computer:	My Computer
	< Back Next > Cancel

m. In Install New Components, click Add.

Welcome to the COM+ Component	t Install Wizard	
Install new components Please specify the file(s) that contai	in the components you want to install.	3
Click Add to choose the file(s) that o Files to install:	contain the components you want to install.	
File	Contents Add	
	Remov	e
Components found:		_
Component Prop	perties Interfaces Installed	
	< Back Next > 0	Cancel

n. Select all files from iBrowse\iBr_obj directory.

Select files to i	nstall	? 🗙
Look in:	🔁 ibrw_obj 🖉 🗢 🖻 👘 📰•	
My Recent Documents Desktop	sicbol.dll icrepsql.dll icrepsqlwrap.dll	
My Documents		
My Computer		
My Network Places	File name: "icrepsqlwrap.dll" "icbol.dll" "icrepsql.dll"	Open
1 1000	Files of type: Component Files (*.dl)*.tlb)	Cancel

The **Install New Components** screen is populated with files to install and components found.

o. At the bottom, click **Next** to run the installation.

Welcome	e to the COM+ Compo	nent Insta	ll Wizard		×
Install Pk	I new components lease specify the file(s) that c	contain the co	omponents y	ou want to ins	tall.
Cli File	ick Add to choose the file(s) es to install:	that contain I	he compon	ents you want	to install.
F	File		Contents	s	644
	2:\iBrowse\ibrw_obj\icbol.dll 2:\iBrowse\ibrw_obj\icrepsq 2:\iBrowse\ibrw_obj\icrepsq	l.dll Iwrap.dll	compon compon compon	ents, typeLib ents, typeLib ents, typeLib	Remove
	omponents rouna:				i 🔽 Details
	Component	Properties	Interfaces	Installed 🛆	J. D. OKGINO
a	aclsGetICBol	COM+	found	No	
a	acisPutiUBUL VeninWranner	COM+	found	NO No	
		0011	/ /		,
	•]				
			< Back	k Nex	Cancel

p. Click Finish.



- 9. Update the TKSQL database in the MSSQL Server. Do as follows:
 - a. From the installation folder, open the **SQL Database** folder.

b. Run STORED_PROC.SQL.



- c. To verify that the process is successful, look for a notification message at the end, and then close MSSQL Server Management Studio.
- Configure the iBrowse .ini file via the iBrowse.ini Manager. Do as follows:
 - a. From the installation folder, open the iBrowse.ini Manager.
 - b. In Mandatory Fields at the top, enter the following:
 - In Database Type, enter TKSQL or TK2000.
 - In Data Source, enter the SQL Server name.
 - In Database, enter the database name.
 - In **Data path**, if it is **TK2000**, enter the path to the data library. If it is **TKSQL**, enter the current program library.
 - In Language, enter the langauage that will appear on the first login to iBrowse.

c. In the SQL Connection String area, select Windows Authentication.

📕 iBrowse. ini Ma	anager - Version 1.0.1	D				X
Site Name SYS_PA	RAM	iBrowse.ini loca	tion File not found!		Computer	EVANR
Mandatory Fie	lds					
DataBase Type	SQL		-			
Data Source	lp-evanr		▼ Refresh			
Database	DB_New		•			
Data path	C:\IBrowse\ibrw_obj		✓ …			
Language	ENGLISH		-			
- Optional Field	s					
Parent Page		AD Domaim		APM Fix	No 🔽 C	alc Day No 👻
Start Page	-	AD Employee Field		APM No Link	No 🔻 E	vent Log No 💌
Magnetic card		AD Account Field		Apm No Balance	No 🔻 A	udit Reason No 👻
EmpValJ	No	IP Address		XLS Reports	No 💌 Cl	ose IE on exit No 💌
Display Daily Msg	No	IP Profile Shift		PDF Reports	No 🔻	
- SQL Connectio	on String					
User LAVIE_DO	DMAIN\evan.r	Password			Window	s Authentication
, ,						
<						>
Provider=SQL QL	EDB 1 Integrated Security=9	SPI Persist Security Info	=False Initial Catalog=Df	8 New:Data Sour	ce=lp-evanr	
			-railog, rikiar oakalog-bi		- 10 0 1 di ili	
	1	1	Commentite	1		1
F	Read iBrowse.ini	Save iBrowse.ini	DataBase	(Get AD user	

- d. Click Save iBrowse.ini and close.
- **11.** Set up a new user (**IBRW**) within TKSQL. The definitions for this user are irrelevant as it is simply used for Audit Trail and Reports functionality (as per changes made in the iBrowse module).
 - a. From the TKSQL menubar, select Setup=>Add/Edit System
 Security Audit Trail Files=>Add/Edit Users Definitins. The Users screen is displayed.
 - **b.** Do as follows:
 - In User Name, browse for IBRW.
 - In System Administartor, ensure that it is un-selected

• In Language, ensure that the selected language matches the primary TKSQL language as configured in the SYSCNF file.

😽 Users			
	Use	er Name	
Impro System	Absence Planning (APM)	TC Levels	
General Parameters	Functions	Screen Builders	Data Base Access by
Password	Change password	System Administrator	User BI
Group Name	ibrw		
Expiration Date	¢1/01/2010	can authorize shint STD exces	
Configuration Profile	0		
Groups Definition			
Employee Num	ber Employee L	ast Name E	mployee First Name
0			
?	I4 4	► ► ► 🏠	

 In case a second language is used, an additional user (IBR2) needs to be defined in the same way as above, but with a second language selected.

😽 Users		
	User Name	
<	IBR2	
Impro System	Absence Planning (APM) TC Levels	
General Parameters	Functions Screen Builders Da	ta Base Access by
Password	Change password System Administrator	
Group Name	ibrw	
Language 🤇	French Can authorize shift STD excess in TSM	No 🔻
Expiration Date	01/01/2010	
Configuration Profile	0 🔽	
Groups Definition		
Employee Numbe	r Employee Last Name Employee I	First Name
0		P
?	<u>н н н в</u>	> ↓

- 13. Click Save and then Exit.
- The installation is complete. Verify that iBrowse is installed correctly. From your browser, enter the iBrowse URL, (for example) http://SERVERNAME/Ibrowse, and wait for iBrowse to load.

Uninstalling IBrowse

To uninstall iBrowse:

- 1. Delete all files from the iBrowse installation folder.
- 2. Delete all files from the ibrowse virtual directory.
 - a. From Administartive Tools, open IIS.
 - **b.** In the left pane, right-click the virtual directory, and select **Delete**.



iBrowse is now uninstalled.

Appendix: Setting Up iBrowse Login Based on

Active Directory

This configuration enables you to skip the iBrowse login screen, and login automatically to iBrowse.

Defining the IIS

To define the IIS:

- 1. From Administarive Tools, open IIS.
- 2. In the left pane, expand the local computer.
- 3. Right-click Web Sites, and select Properties.



The Web Site Proprties screen is displayed.

4. From the **Directory Security** tab, click **Edit**.

Web Sites Properties			? 🗙
ISAPI Filters Directory Security	Home Directory	Documents Custom Errors ASP.NE	ET
Anonymous access and Enable and authentica	authentication control onymous access and edit the tion methods for this resource	Edit	
IP address and domain I	name restrictions my access to this resource us es or internet domain names.	sing	
Secure communications	ws directory service mapper		
	OK Cancel	Apply He	ip

The Authentication Methods screen is displayed.

5. Select Integrated Windows authentication, and click OK.

Authenticatio	on Methods	×		
Anonymo	us access			
No user nam	ezpassword required to access this resource.			
Account use	d for anonymous access:			
User name:	IUSR_EVANR Browse			
Password:	•••••			
	Allow IIS to control password			
Authenticated	diaccess			
For the following authentication methods, user name and password are required when - anonymous access is disabled, or - access is restricted using NTFS access control lists				
📃 Digest au	thentication for Windows domain servers			
📃 Basic auti	hentication (password is sent in clear text)			
Default do	main: Select			
Realm:	hq.lavie.co.il Select			
Integrated Windows authentication				
	OK Cancel Help			

The Inheritance Overrides screen is displayed.

6. Click Select All, and select all nodes to be affected, and then click OK.

Inheritance Overrides	\mathbf{X}
The following child nodes also define the value of the "Authentication Methods" property, which overrides the value you have just set. Please select from the list below those nodes which should use the new value.	
Child Nodes:	
Default Web Site Default Web Site/localstart.asp	ソ
Default Web Site/Printers	1
Default Web Site/Ibrowse/UserPsw.aspx	
Default Web Site/Browse/UserPswAD.aspx Default Web Site/Paporama	
Default Web Site/Panorama/META-INF	
Default Web Site/Panorama Dashboard Default Web Site/ibr/UserPsw.asnx	
OK Cancel Help	

- From the IIS main screen, in the left pane, under Web Sites =>Default Web Site, open the iBrowse directory.
- 8. Right-click userpsw.aspx, and selct Properties.



The userpsw.aspx Properties screen is displayed.

9. From the File Security tab, seelct Edit.

userpsw.asp	ox Properties	? 🛛
File File S	Security HTTP Headers Custom Errors ASF	NET
Anonymou	is access and authentication control	
	Enable anonymous access and edit the authentication methods for this resource.	Edit
- IP address	s and domain name restrictions	
8	Grant or deny access to this resource using IP addresses or internet domain names.	
	[E dit
- Secure co	mmunications	
	Require secure communications and enable client certificates when this	Server Certificate
	resource is accessed.	View Certificate
		E dit
	OK Cancel	Apply Help

The Authentication Methods screen is displayed.

10. Clear the **Anonymous Access** check-box, and select **Integrated Windows** authentication.



- 11. Click OK.
- 12. From the userpsw.aspx Properties screen, click OK.
- 13. Close the IIS screen.
- **14.** From your iBrowse directory, ensure that the ibrw_web folder has read_only permissions.

Defining the ibrowse.ini File

There are two options to defining the IBROWSE.ini file:

- User Identification by Windows Logon User Name
- User Identification by Active Directory

User Identification by Windows Logon User Name

 $^{\circ}$ To define the user identification by Windows Logon User Name:

- 1. From the iBrowse folder, open the iBrowse.ini file.
- 2. Enter a new paramter, **START_PAGE=userpsw.aspx**.
- **3.** Ensure that the TK user name (employee or supervisor) is identical to the Windows logon user name.
- **4.** Optionally, to define a parameter that verifies that the user is defined within the domain, enter **DOMAIN=synerion_domain**.

	🖪 IBROWSE.ini - Notepad 📃 🗖 💽	K
	File Edit Format View Help	
	[SYS_PARAM]	^
	Data_Source=sql-server\intelsup	
	DATA_BASE_TYPE=0	
	DATABASE=IBSQL	
	DATA_PATH=d:\tksql\data	-
	LANGUAGE=ENGLISH	
Q	START_PAGE=userpsw.aspx)	
	;SQL_PARAM=052666769211DF3B1F9FBBD583E4B	~

Note: the following regarding the TK200 version:

The supervisor user name is limited to four characters.

• The user name is case sensitive.

User Identification by Active Directory

 \checkmark To define the user identification by Active Directory:

- 1. From the iBrowse folder, open the **iBrowse.ini** file.
- 2. Enter a new parameter, START_PAGE=userpswAD.aspx.
- Optionally, enter DOMAIN=LDAP://[domain_name] (for example, LDAP://synerion_domain).



4. Ensure that no more than one iBrowse supervisor is assigned to each employee.

Appendix: Troubleshooting

Error Occurred in Server Side Script: Error 13

13	Error Number
Error Occurred in Server Side Script	Error Message
When iBrowse is loaded, this message is displayed. It indicated a security problem running the COM objects and the IIS.	Description of the Problem

To solve this problem:

1. From C:\IBrowse\ibrw_web, open the Web.config file.

🖻 ibrw_web				
File Edit View Favorites Tools	Help			
🚱 Back 🔹 🕥 🕤 🏂 🔎 S	earch 💫 Folders 🛄 🛛			
Address 🛅 C:\IBrowse\ibrw_web				💙 🄁 Go
File and Folder Tasks	C Private Abs AddDays	1.aspx 1.aspx.vb 2.aspx	is logoff.aspx.vb logon.asp logon.aspx	
 Publish this folder to the Web Share this folder 	C AnnualScreen App_Code Attachments Bin	III 2.aspx.vb 3.aspx III 3.aspx.vb III 4.aspx	ilogon.aspx.vb logonad.aspx logonad.aspx.vb test.aspx	
Other Places	Calendar	default.htm errors.aspx	test.aspx.vb timeout.aspx timeout.aspx.vb	
Constant Provided Field Constant Provided Field	DailyScreen Employee GlobalFiles Help images	III errors.aspx.vb III global.asax III help.asp III browse2.gpstate III browse2.sln	userpsw.aspx userpsw.aspx.vb userpswad.aspx userpswad.aspx.vb web.config	
Details 🛞	i Menu PeriodScreen C Reports	ibrowse2.vssscc III loginconfnewpassword.aspx III loginconfnewpassword.aspx.vb	i web_lang.config	
ibrw_web File Folder Date Modified: Wednesday, October 06, 2010, 5:39 PM	schedules ScreenNames ScreenNames Search SearchTreeV TimeSheet Webctrl_client I.asp	logindefine.aspx logindefine.aspx.vb loginnewpassword.aspx loginnewpassword.aspx.vb loginnewpasswordframe.aspx loginnewpasswordframe.aspx.vb loginnewpasswordframe.aspx.vb loginf.aspx		
66 objects			120 KB	😼 My Computer 💡

 Add <identity impersonate="true" /> in the location shown here, and save and close.



- If the problem persists, from Administraive Tools, set iBrowse to enable Anonymous Access. Do as follows:
 - a. From the IIS, select Web Sites=>Default WebSite=>iBrowse.

b. Right-click iBrowse and select Properties.

The iBrowse Properties screen is displayed.

🕲 Internet Information Service	s		
File Action View Help			
V Internet Information Services	Computer	Local Version	Sta
EVANR (local computer) Web Sites Web Sites Web Site Web Site	Sevana (local computer)	Yes IIS V5.1	
<			>
Opens the properties dialog box for the o	urrent selection.		

c. Select the Directory Security tab, and then click Edit.

The Authentication Methods screen is displayed.



d. In **User name**, specify the user for running the COM onbjects. If password is not disabled, enter the user's password.

Authenticatio	on Methods	×	
Anonymou No user name Account user	us access e/password required to access this resource. d for anonymous access:		
User name:	IUSR_EVANR Browse		
Password:	Allow IIS to control password		
Authenticated access For the following authentication methods, user name and password are required when - anonymous access is disabled, or - access is restricted using NTFS access control lists			
Digest authentication for Windows domain servers			
📃 Basic autł	hentication (password is sent in clear text)		
Default dor	main: Select		
Realm:	hq.lavie.co.il Select		
Integrated Windows authentication			
	OK Cancel Help		

e. Click OK when done.

Error Occurred in Server Side Script: Error 3265

3265	Error Number
Error Occurred in Server Side Script	Error Message
One of the tables is out-of-date (in most cases, the CNFPROF or to out-of-fdate stored procedures).	Description of the Problem



To solve this problem:

• Compare DB.

Error Occurred in Server Side Script: Error 429

429	Error Number
Error Occurred in Server Side Script	Error Message
This message is displayed upon attempting to load iBrowse and can mean that the COM objects need to be installed or that the server is logged off.	Description of the Problem



To solve this problem:

- 1. Ensure that the COM objects are installed.
- 2. If the problem still persists, define an identity to a permanent user.
 - a. From Administrative Tools, open Component Services.
 - b. From the left pane, expand Computers, and select MyComputer=>COM+ Applications=>icClock.
 - c. Right-click icClock and select Properties.



The icClock Properties screen is displayed.

d. Select the Identity tab.

e. Select **This User**, and enter a valid user name and password defined on the server or the network.

iBrowse Properties			? 🔀
Advanced	Dump	Pooling & F	Recycling
General Securi	ty Identity	Activation	Queuing
This application will run Account	under the following a	account.	
C System Account:			
C Interactive us	er - The current logg	ied on user	
C Local Service	e - Built-in service ac	sount	
C Network Serv	vice - Built-in service	account with netw	vork.
C Local System	- Complete access t	o local machine	
• This user:			
User:	evanr	E	Browse
Password:	******		
Confirm password:	******		
Server applications cannot run under system service accounts.			
	ОК	Cancel	Apply

As a result, the TK COM objects will be loaded on the server using this user's privileges.

f. Select Apply and then OK.

NOTE: This user needs to have read & write access to the TK programs directory (e.g.
 C:\TKSQL). This user is a regular user and not an Administrator or a Privileged user.
 The access to the application directory (TK programs) must be set as UNC (instead of "traditional" drive mapping, as drive mapping does not work when the server is in log-off mode).

Error Occurred in Server Side Script: Error 3105

3105	Error Number
Error Occurred in Server Side Script	Error Message
This message appears after trying to open iBrowse after an upgrarde, or new installation. Generally it is caused when a report defined for a user's profile contains more than 40 characters.	Description of the Problem

Error Occurred In Server Side Script. Error Source : ICDAL.clsGetICDal->GetSystemRS Error Code Received : 3105 Multiple-step operation generated errors. Check each status value. Program Terminated.

To solve this problem:

- This is a know issue caused when a report defined for the user's profile has a title longer than 40 characters. The error is generated with respect to the CNFPROF and is fixed for iBrowse version 8.08.01 and later. For later versions the maximum length for a report title is set to 80 characters.
- 2. Ensure all reports' titles' are maximum 40 characters in length.

Error Occurred in Server Side Script: Error 3707

3707	Error Number
Error Occured in Server Side Script	Error Message
This message appears after trying to open iBrowse after an upgrade.	Description of the Problem

Error Occurred In Server Side Script.
Error Source : Module : [GetTcFileRS] .
Error Code Received : 3707 Cannot change the ActiveConnection property of a Recordset object which has a Command object as its
source.
Program Terminated.

This problem occurs when entering the daily or period screens. It occurs when the iBrowse Stored Procedure is not updated (usually those related to default tasks).

This problem might occur when the user defined in ibrowse.ini file has connectivity authorizations to open a connection to the database but does not have authorizations to the database.

To solve this problem:

- 1. For the first problem described above, run storedProc.sql
- 2. Update the user's authorizations or update iBrowse

iBrowse is Not Loaded

N/A	Error Number
ibrowse is Not Loaded	Error Message
iBrowse does not load; this could be a sign that .NET Framework is not installed properly.	Description of the Problem

To solve this problem:

- 1. From Administrative Tools, open IIS.
- From the left pane, under Web Sites=>Default Web Site, right-click iBrowse, and select Properties.



The iBrowse Properties screen is displayed.

3. Select the Virtual Directory tab.

HTTP Headers	Custom Errors	ASP.NET
Virtual Directory	Documents	Directory Security
When connecting to this resource, the content should come from:		
💽 A	directory located on this compute	ſ
○ A	share located on another comput	er
○ A	redirection to a URL	
Local Path: C:	\iBrowse\ibrw_web	Browse
Script source access		
Write		source
A F C C W		
Application Settings		
Application Settings Application name:	iBrowse	Remove
Application Settings Application name: Starting point:	iBrowse <default td="" web\ibrowse<=""><td>Remove</td></default>	Remove
Application Settings Application name: Starting point: Execute Permissions:	iBrowse <default web\ibrowse<br="">Scripts only</default>	Configuration
Application Settings Application name: Starting point: Execute Permissions: Application Protection:	iBrowse <default web\ibrowse<br="">Scripts only Medium (Pooled)</default>	Configuration Unload
Application Settings Application name: Starting point: Execute Permissions: Application Protection:	iBrowse <default web\ibrowse<br="">Scripts only Medium (Pooled)</default>	Configuration Unload

4. From the Application Settings area, click Configuration.

The Application Configuration screen is displayed.

- 5. Select the Mappings tab, if it isn't already selected.
- 6. In the **Application Mappings** area, ensure that **.aspx** appears in the list, as shown here.

Application Configuration 🛛 🛛 🗙			
Ma	Mappings Options Debugging		
	1 Cache ISA		
		T applications	
	Application N	1appings	
	Exten	Executable Path	Verbs 🔼
	.ad	c:\WINDOWS\Microsoft.NET\Frame	GET,HEA.
	.adproto	c:\WINDOWS\Microsoft.NET\Frame	GET,HEA.
	.asa vere	C:\WINDOWS\system32\inetsrv\asp.dll c:\WINDOWS\Microsoft NET\Erame	GET,HEA.
	.ascx	c:\WINDOWS\Microsoft.NET\Frame	GET.HEA.
	.ashx	c:\WINDOWS\Microsoft.NET\Frame	GET,HEA.
	.asmx	c:\WINDOWS\Microsoft.NET\Frame	GET,HEA.
	.asp C.\WINDOW5\system32\inetsrv\asp.dli GET,HEA		GET,HEA
1	.aspx	c:\WINDUWS\Microsoft.NET\Frame	GET HEA
	.axu .browser	c:\WINDOWS\Microsoft.NET\Frame	GET HEA
			OFT UPA
	Add	Edit Bemove	
	1133		
	C	OK Cancel Apply	Help

- 7. Click OK, then OK again, and exit IIS.
- 8. If .aspx does not appear, re-install .NET Framework.

Login Failed for iBrowse User: Reason Not Associated

N/A	Error Number
Login Failed for iBrowse User: Reason Not Associated	Error Message
This message is displayed upon loading iBrowse and indicates that the user is not defined correctly in MS-SQL database.	Description of the Problem:

$^{igodoldsymbol{ heta}}$ To solve this problem:

- 1. Open MS-SQL Enterprise Manager.
- From the left pane, expand Microsoft SQL Servers, and under SQL Server Group, find your server.
- 3. Right-click the server and select **Properties**.

🚡 Console Root'Microsoft SQL Servers	\SQL Server Group\EVANR\SQL2000 (Wi	ndows NT)	
Console Root	EVANR\SQL2000 (Windows NT) 6 Item		
Microsoft SQL Servers Group G			
🗉 🚡 EVANR\SQL2005 (Windows NT	New SQL Server Registration	Replication	Security
-	Edit SQL Server Registration properties		
	Delete SQL Server Registration		
	Disconnect		
	Stop		
	Pause		
	Start		
-	New ►		
	All Tasks 🔸		
-	View +		
	New Window from Here		
-	Pefrech		
	Export List		
	Export elsen		
	Properties	>	
Opens the properties dialog box for the current	Help		.:

The SQL Server Properties (Configure) screen is displayed.

- 4. Select the **Security** tab.
- In the Security area, under Authentication, select SQL Server and Windows, if it isn't already selected.

SQL Server	Properties (Configure)	- EVANR\SQL2000
Server Set General	tings Database Settings Memory Processor	Replication Active Directory Security Connections
Security	SQL Server provides authenti accounts and a named SQL S Authentication: © SQL Server and Windo © Windows only Audit level: © None	C Failure
	C Success	CAI
Startup service account Start and run SQL Server in the following account: System account This account		
	OK	Cancel Help

- 6. Click OK.
- 7. From C:\\Windows, open the iBrowse.ini file.
- Ensure that the SQL_PARAM field in the IBrowse.INI file has the correct values. Do this by making sure the correct username and password have been encrypted (please see step 10 for more details).



Server Error in IBrowse Application: Failed to Access IIS Metabase

Server Error in iBrowse Application: An Error Was Enountered While Calling OnStartPage in ASP Compatability Mode

N/A	Error Number
Server Error in ibrowse Application: An Error Was Enountered While Calling OnStartPage in ASP Compatability Mode	Error Message
This message appears upon loading iBrowse and normally indicates that the iBrowse web site is defined as ASP.NET version 2.	Description of the Problem:

🖻 An error was encountered while calling OnStartPage in ASP compatibility mode Microsoft Internet Explorer 🔤 👘 📔	
Ele Edit View Favorites Iools Help	.
🔇 Back + 🚫 - 🖹 🖻 🚯 🔎 Search 👷 Favorites 🤣 😥 + 🍃 🏢 - 🛄 🎇 🦓	
Agdress 🗃 http://david-t/lbrowse/dallyscreen.dayscreen.aspx 💌 🛃 😡	Links »
Coogle - 🕑 🖸 Search + 💋 🖄 0 blocked 🥸 check + 🔌 AutoLink + 🗍 AutoFil 🛃 Options 🥖	1.11
Server Error in '/ibrowse' Application.	_
An error was encountered while calling OnStartPage in ASP compatibility mode.	
Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.	9
Exception Details: System Web HttpException: An error was encountered while calling OnStartPage in ASP compatibility mode.	
Source Error:	
An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace below.	í
Stack Trace:	
[HttpException (0x80004005): An error was encountered while calling OnStartPage in ASP compatibility mode.] System.Web.Util.AspCompatApplicationStep.OnPageStartSessionObjects() +783626 System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoint, Boolean includeStagesAfterAsyncPoint) +2505	
Version Information: Microsoft .NET Framework Version: 2.0.50215.44; ASP NET Version: 2.0.50215.44	

To solve this problem:

- 1. From Administrative Tools, open IIS.
- From the left pane, under Web Sites=>Default Web Site, right-click iBrowse, and select Properties.



The **iBrowse Properties** screen is displayed.

3. Click the ASP.NET tab.

4. In the **ASP.NET** version area, change to version **1**.

iBrowse Properties	? 🛛
Virtual Directory HTTP Headers	Documents Directory Security Custom Errors ASP.NET
Microsoft ACD ID	
ASP.	1
ASP.NET version:	1.1.4322
Virtual path:	//Browse
File location:	C:\iBrowse\ibrw_web\web.config
File creation date:	10/6/2010 5:39:34 PM
File last modified:	6/22/2010 10:01:54 AM
	Edit Configuration
	DK Cancel Apply Help

5. Click **Apply** and then **OK**, and then exit the IIS.