

# Setting up iBrowse<sup>™</sup>

Required components for installing iBrowse™

Customer responsibility		Dealer responsibility
Required Component	Level	
MS-WIN 2000 advanced server	Server	Installation CD
MS-SQL 2000 Database	Server	
COM +	Server	
IIS (Internet Information Services)	Server	
Internet Explorer 5.0 or later	Server & Workstations	

The installation CD consists of the following directories:

Directory	Description / Further details
\ Client	Programs to install on the workstation in which TimeKeeper polls iBrowse's data
\ COM Objects	<b>Objects</b> to install on the server
\ IBrowse	ASP (Active Server pages) pages to install on the server i.e. iBrowse user interface
\ Encrypt	ENCRYPT.EXE calculates the string which uses the ibrowse.ini file
\ SQL Database	SCRIPT files to install on MS-SQL Database
\ SYSTEM32	DLL Files to install in the server's WINNT\SYSTEM32 Directory
\ TK5	Recent updates to <b>TimeKeeper</b> back office engine, relevant to iBrowse <sup>™</sup> gateway
\ Windows	INI File to install in the server's WINDOWS (WINNT) Directory
\ VBRunTime	
\ Misc	

### Setup steps

- 1. Copy the installation disk to the server's [C Drive]
- 2. Updating the server with **COM objects** and iBrowse<sup>™</sup> **Asp**'s.
- 3. Installing a virtual directory on server
- 4. Installing **COM+** components on the server
- 5. Installing iBrowse<sup>™</sup> database in **MS-SQL server**
- 6. Specifying **iBrowse™ INI file**
- 7. Updating the server's WINDOWS\SYSTEM Directory
- 8. Updating the workstation which polls iBrowse<sup>™</sup> transactions
- 9. Updating TimeKeeper with **iBrowse™ configuration files**
- 10. Load iBrowse™
- 11. Specifying system configuration definitions (SYSCNF) within TimeKeeper
- 12. Specifying iBrowse<sup>™</sup> data collection within TimeKeeper
- 13. Specifying iBrowse<sup>™</sup> users
- 14. Customizing iBrowse<sup>™</sup> options within TimeKeeper i.e. generations profiles etc.



# <u>Step 1 – Copy iBrowse™ installation CD to the server's LOCAL drive</u>

1.1 Ensure that all files have both read and write attributes Note: It is recommended to copy the Install folder to the main directory of the iBrowse (e.g c:\iBrowse\Install)

# Step 2 - Updating the server with COM objects and iBrowse™ Asp's.

Create the following directories in the server: C: |iBrowse |iBrw\_obj C: |iBrowse |iBrw\_web

Copy all objects from **[COM OBJECTS]** directory (i.e. iBrowse installation CD) to **C: |iBrowse |iBrw\_obj** Copy all objects from **[iBrowse]** directory (iBrowse installation CD) to **C: |iBrowse |iBrw\_web** directory

Note: After copying the files from the installation CD, ensure that all files have both read and write attributes.

# Step 3 - Installing a virtual directory on server

3.1 Load "Internet Service Manager"

	tt-offic	e - Terminal Serv	ice	s Cli	ent				
My D	ocumen	ts							
Į									
My (	Compute				<b></b>	Ż			
4					Shortcu	ut ta			
Γ	*	Windows Update			IK6W	IN			
		Programs	•	-	Accessories	۲L			
				i 🚍	Administrative Tools	۲ ۱	È.	Component Services	
2		Documents	►	<b>1</b>	Microsoft SQL Server 7.0	► 8	9	Computer Management	
ΙΈ	5 h	Settinas	►	e	Internet Explorer	1	1	Internet Services Manager	
6	- AN	Ferringe		<b>1</b>	Outlook Express		9	Local Security Policy	
8	<b>N</b>	Sear <u>c</u> h	►.		×		2	Terminal Services Client Creator	
R		Help				12	<u>-</u>	Terminal Services Configuration	
12	$\leq$	Tob				E	B.	Terminal Services Licensing	
2	<u>2</u>	<u>R</u> un				8	175	rerminal Services Manager	
١.	D	Shut Down						·	
	Start	] 🗹 🥭 🗊 🔍	1	1	🗾 Untitled - Notepad				<b>b</b>

Note: In case of "Internet Service Manager" does not appear, install IIS.

### In Windows XP:

Start  $\rightarrow$  Control panel  $\rightarrow$  Performance and Maintenance  $\rightarrow$  Administrative Tools  $\rightarrow$  Component Services



# 3.2 Open a virtual directory



Specifying virtual directory's alias:

tual Directory Creation Wizard	
irtual Directory Alias You must give the virtual directory a short r	name, or alias, for quick reference.
Type the alias you want to use to gain acc same naming conventions that you would f	ess to this Web virtual directory. Use the or naming a directory.
<u>A</u> lias:	_
ibrowse	
	<back next=""> Cancel</back>



Specify the iBrowse<sup>™</sup> WEB directory i.e. in which iBrowse<sup>™</sup> files reside:

Thternet Information Services	_ 🗆 ×
	-
Tree Virtual Directory Creation Wizard	Status
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.	_
C:\ibrowse\ibrw_web	
B → Cancel	
	► I

Specify the following permissions :

Virtual Directory Creation Wizard		x
Access Permissions What access permissions do you want to	o set for this virtual directory?	(J)
Allow the following:		
<b>☞</b> <u>Read</u>		
Image: Run scripts (such as ASP)		
Execute (such as ISAPI applications	or CGI)	
∏ <u>W</u> rite		
🗖 Br <u>o</u> wse		
Click Next to complete the wizard		
	< <u>B</u> ack <u>N</u> ext>	Cancel



# Step 4 - Installing COM+ components on the server

## 4.1 Load "Component Services" :



4.2 Open a new application:

Console Window Help	
	COM+ Applications 6 object(s)
Console Root Component Services Computers My Computer	COM+ QC Dead Let COM+ Utilities II5 In-Process Applications Out-Of-Pro
COM-     View     View     OM-     View     View     OM-     View     View     Its u     Refresh     OM     Syste     Help     OIStributed mansaction coord     OM     Services (Local)	om Here Julities System Application
1	×

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4.3 Select "Create an empty application"

Install or Create Please choos empty applica	a New Application whether you want to install a pre- ion.	built applicat	ion or create an	S
<b>***</b>	Install pre-built application(s).			
Computer:	My Computer			

4.4 Name the application "IcClock"

Create Empty Application Please specify the name of the	new application.	S
Enter a name for the new application	r.	
IcClock		
Activation type		
C Library application Components will be activated	in the creator's process.	
• <u>S</u> erver application Components will be activated	in a dedicated server process.	
h		

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4.5 Set the application identity as an "Interactive user"

Welcome to the COM Application Install Wizard	×
Set Application Identity Please specify the application identity.	
Account The application identity will be set to the following account. Components in the application will run under this account. If you are creating more than one application, this setting will be applied to each application. Interactive user - the current logged on user	
Ihis user:       User:       Browse         Password:       Confirm password:	
< <u>B</u> ack <u>N</u> ext > Cancel	

"IcClock" will be created :





4.6 Create a new component

Component Services	
Console Window Help	_BX
🛛 Action View 🗍 🖛 🔿 🗈 💽 🗡 🕋	2 😰 🔁 🗷 🏝 🦮 🗰 🗰
Tree	Components 0 object(s)
Component Services Component Services Computers COM+ Applications COM+ QC Dead Letter Queue COM+ Utilities COM+ OC Dead Letter Queue New New New New New New New Ne	re Component

# **4.7** Install the new component(s)

Please choose that are alread	e whether you want to install a new component or install components ly registered.
<b>S</b>	Install new component(s).
<b>MARKET</b>	Import component(s) that are already registered.
	Install new <u>e</u> vent class(es).
Application:	_ IcClock
Computer:	My Computer



4.8 Select all files from [.. |iBrowse |iBrw\_obj] directory

P Component Services	mponent Install	Wizard	×	LDX LBX
Install new compone Please specify the f	nts ile(s) that contain th	ne components you want to install.	5	
Select files to ins	stall			<u>?</u> ×
E Look in:	Com Objects	s 💌	- 🔁 🖆 📰 •	
History Desktop My Documents My Computer	File name:	"GETICDAT.dll" "ICBOL.dll" "ICD Component Files (*.dll,*.tlb)	ŀÁL.dll''	<u>O</u> pen Cancel
		J.		

# 4.9 Select "OPEN"





### 4.10 Run the Installation

come to the COM Compone	nt Install Wizard			
nstall new components Please specify the file(s) tha	at contain the compor	nents you war	nt to insta	ı. 🥠
Click Add to choose the file Files to install:	(s) that contain the co	omponents yo	u want to	install.
File	Ca	ontents		ЬРА
D: \IBrowse Install Version D: \IBrowse Install Version D: \IBrowse Install Version Components found:	2\Com Objects co 2\Com Objects co 2\Com Objects co	omponents, ty omponents, ty omponents, ty	peLib peLib peLib	Remove
Component	Properties	Interfaces		🔽 Details
clsGetICBol	COM+	found		
clsGetICDal	COM+	found		
clsGetTrans	COM+	found		
clsPutICBOL	COM+	found	-	
LoloDutICEISian	COM	found		
		< Back 🤇	Next >	Cancel

# 4.11 Select "FINISH"



# <u>Step 5 - Installing iBrowse™ database in MS-SQL server</u>

# 5.1 Load MS-SQL's "Query analyzer"



5.2 Open SCHEMA.SQL from iBrowse's installation directory [C: |iBrowse | Install-set | SQL Database]

SQL Query Analyzer			<u>-     ×</u>
1 🙆 🚱 🖩   ½ 🗞 🛍 🖻 🖄   ∞   🗰 •   ✓ → 🗉   🗍 master 💽 📑 🐕	🕅 🔂		
Open Query File         Look in: SQL Database         SHEMA.sql         File name:         SHEMA.sql         Files of type:         Query Files ("sql)         File format:			
	Connections: 1	NUM	1

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5.3 Run the SCRIPT for creating InterClock Database:



Note: In the end of the process, a message indicating success/failure will appear.

5.4 Load MS-SQL "Enterprise Manager"





5.5 Select "Security / Logins / New Login"

🚡 SQL Server Enterprise Manager - [Co	onsole Root\Microsoft SQL Serve	rs\SQL Server	Group\DAVID_TU	ICHMAN (Windows NT)\	Sec <u>B</u> ×
Console <u>W</u> indow <u>H</u> elp					_ <b>B</b> ×
Action ⊻iewools	📧 💣 🗈 🖳 😫 🛛 🜟	8 🛛 🖓	😨 🕞		
Tree	Logins 4 Items				
Console Root	Name 🛆	Туре	Server Access	Default Database	Default Langu
🖻 🏐 Microsoft SQL Servers	BUILTIN\Administrators	Windows G	Permit	master	English
🖻 🗐 SQL Server Group	🖸 DAVID\sa	Windows User	Permit	master	English
E DAVID (Windows NT)	gibrowse_user	Standard	Permit	InterClock	English
DAVID_TUCHMAN (Windows I	💽 sa	Standard	Permit	master	English
Databases					
Data Transformation Serv					
🗄 🧰 Security					
- 😿 Logins	New Login				
Server Roles	New Login	_			
E 🛃 Linked Servers	Refresh				
Remote Servers	Export List				
Meta Data Services	View	•			
E The LTT-OFFICE (Windows NT)					
H NT2000_SQL (Windows NT)	Arrange Icons	•			
E T NT2000_TEST (Windows NT)	Line up Icons				
-	Heip				
	[4]				<b>`</b>

5.6 Specify user name and password :

SQL Serve	er Login Properties	- New Login		×
General	Server Roles Data	base Access		
	<u>N</u> ame: ibr	owse_user	<b>←</b>	
Auther	tication			-
	○ <u>W</u> indows Authe	ntication		
	Do <u>m</u> ain:		Ψ.	
	Security access	ŕ		
	💿 <u>G</u> rant ac	cess		
	C Deny ac	cess		
	SQL Server Autility	nentication		
	Password:	******	•	
Defaul	s	, , , , , , , , , , , , , , , , , , , ,		-
	Specify the default I	anguage and database fo	r this login.	
	<u>D</u> atabase:	InterClock	•	
	Language:	<default></default>	<b>_</b>	
		,		
		OK Can	cel Help	

Specify username as "ibrowse\_user", in Authentication select "SQL Server Authentication" and enter a password of your choosing. Note the password you selected for future use. In the default section, select "InterClock", as the database for this login.



**5.7** Select the "Database Access" tab, choose the "InterClock" database and then set permission to "public" and "db\_owner".

SQL Server I	.ogin Pr	operties - N	lew Login		×
General S	erver Rol	les Databa:	se Access		
	<u>S</u> pecify v	vhich databa	ses can be ac	cessed by this l	ogin.
~~~~~~	Permit	Database	User		▲
	🗹 💼	InterClock	ibrowse_user		
		Northwind			
		master			
		model			
		msdb			
		pubs			
					I
	<u>D</u> atabase	e roles for "Int	erClock':		
	Permit in	Database R	ole		
>	🗹 🕵 р	ublic			
>	🗹 🕵 d	b_owner			
	🗆 🙎 d	b_accessadi	min		
	🗆 🕵 d	b_securityad	min		
	🗆 👧 d	b ddladmin			<u> </u>
				Pr	
			ОК	Cancel	Help

<u>Note</u>: After pressing "OK", the system will require you to confirm new password. Enter the password you entered (and noted down) again.



## <u>Step 6 - Specifying iBrowse™ INI file</u>

6.1 Copy IBROWSE.INI from [C: | iBrowse | Install-set | Windows] directory to the server's ... \WINDOWS directory e.g. .. | WINNT |

#### 6.2 Edit IBROWSE.INI:

**IBROWSE.INI** Consist of 6 lines:

- Line (1) [System parameters] : This is NOT to be changed.
- Line (2) [Data source] : The SQL server's name.
- Line (3) [Database type] : This is NOT to be changed.
- Line (4) [Data path] : TimeKeeper's data directory (TK is used as a "back office" engine).
- Line (5) [Language] : The language selection relevant ONLY to the login screen.
- Line (6) [SQL Parameter] : A String represents the username and password (encrypted) in SQL

🜌 IBROWSE.ini - Notepad	. 8 ×
<u>F</u> ile <u>E</u> dit <u>S</u> earch <u>H</u> elp	
[SYS_PARAM]	-
DATA_SOUFCE=NI2000_IESI DATA_BASF_TVF=1	
DATA_PATH=d:\TK6WIN\SYSTEM\DATA	
LANGUAGE=ENGLISH  SN	820
	.00
	-

In order to generate the string which represents the username and password in **MS-SQL**, run *C: iBrowse Install-set Encrypt Incrypt.exe.* Specify the user name, password, password reconfirmation and "[Encrypt]" :

💐 Incrypt User Name an	d Password
UserName	ibrowse_user
Password	XXXXXXXXXXX
Password	жижиемини
69F05A6F73B765F2D973E5	56A612587C09DA424D2F1E69E4A26F4DBA65504D7381432433696BED288BC7CEAF662A3BC77CD5D5FDCD7657



The String will be created in the last line. Copy the string (using COPY and PASTE commands) to the IBROWSE.INI file relatively i.e. to the [SQL Parameter] line.

### Step 7 - Updating the server's WINDOWS SYSTEM Directory

Copy all files from the server's .. |*iBrowse*|*Install-set*|*System32* to the server's .. |*WINNT*|*System32* directory. As a result, the following files will be added to the .. |*WINNT*|*System32 directory: L63\_32.DLL, LAVLIB6.DLL, LAVDLL32.DLL* 

<u>File Edit View Favorites</u>	Lools Help		1
🖨 Back 🔹 🔿 👻 🗎 🥘 Sear	ch 🔁 Folders 🎯 History	X2P	n
Address 🧰 C:\WINNT\system32			<b>▼</b> ∂G
	Name A	Size	Туре
	🔊 wsock32.dll	22 KB	Application Extension
	🔊 wtsapi32.dll	15 KB	Application Extensio
system32	🔊 wupdinfo.dll	26 KB	Application Extensio
- 17-0	Swupdmgr.exe	47 KB	Application
2 items selected.	🔊 xactsrv.dll	91 KB	Application Extensio
	xcopy.exe	28 KB	Application
rotal File Size: 1,601,631 bytes	🔊 xenroll.dll	109 KB	Application Extensio
L63_32.DLL	🔊 xiffr3_0.dll	627 KB	Application Extensio
LAVLIB6.DLL	xoleblp.dll	18 KB	Application Extensio
2	L63_32.DLL	1,189 KB	Application Extensio
	LAVLIB6.DLL	377 KB	Application Extension
	•		

#### Step 8 - Updating the workstation which polls iBrowse™ transactions

#### WINDOWS 95/98

- 8.1 Copy *C: \iBrowse \Install-set \Client \\*.\** to the workstation's *Windows \system* directory.
- 8.2 Run the following command from the Start / Run menu : *REGSVR32 C: |Windows | system | GETICDAT.DLL*

#### WINDOWS NT/2000

- 8.1 Copy *C:\iBrowse\Install-set\Client\\*.\** to the workstation's *WINNT\SYSTEM32* directory.
- 8.2 Run the following command from the Start / Run menu : *REGSVR32 C: WINNT SYSTEM32 GETICDAT.DLL*



# Step 9 - Updating TimeKeeper with iBrowse™ configuration files

- 9.1 Upgrade TimeKeeper to the most recent version.
- 9.2 Update TimeKeeper with the most recent iBrowse configuration files; Copy *C:* |*iBrowse* |*Install-set* |*TK5* | \*.\* to the application directory. Copy *C:* |*iBrowse* |*Install-set* |*TK5* |*DATA* | \*.\* to the DATA directory.
- 9.3 Log into TimeKeeper and load **SYSCNF**. Select "**iBrowse/Backup**" tab. Ensure that iBrowse fields are visible :

		. 🗆
Time <u>C</u> lock (Polling) Payroll <u>I</u> nter	ace Y-T-D Definitions Program Extensions Absence:	s
Printer & Printing File Daily, Empl	byee Impro System Key Fields <u>F</u> ormat BackUp/iBrow	ise
System Configuration Dealer	Security & Authorization Language Date & Time	
	BackUp Path	
d:\tk6win\data\backup	Browse	
	iBrowse Configuration Settings	
SQL Server Name	iBrowse Configuration Settings	
SQL Server Name Employee Sign Daily Category	iBrowse Configuration Settings	
SQL Server Name Employee Sign Daily Category Administrator Sign Daily Category		
SQL Server Name Employee Sign Daily Category Administrator Sign Daily Category Transfer Data to TK Only After Supe	iBrowse Configuration Settings	
SQL Server Name Employee Sign Daily Category Administrator Sign Daily Category Transfer Data to TK Only After Supe Transfer Data to TK w/o Superviso	iBrowse Configuration Settings	
SQL Server Name Employee Sign Daily Category Administrator Sign Daily Category Transfer Data to TK Only After Supe Transfer Data to TK w/o Superviso	iBrowse Configuration Settings	

Note: If iBrowse fields do not appear on screen, upgrade SYSEXT file.

9.4 Load "Users definition" screen, and ensure that iBrowse fields are visible :

😾 Users	
	User Name A001
General Parameters	Functions Screen Builders Data Base Access by Impro System
Password	A001 System Administrator
Group Name	
Data Path	DATA
Language	English
Expiration Date	01/01/2010
Configuration Profile	iBrowse Supervisor
Groups Defenition	
Employee Nu	mber Employee Last Name Employee First Name
1601	Winters Andy
2	



Note: If iBrowse fields do not appear on screen, upgrade **USERS** file.

### 9.5 Copy *C:\iBrowse\Install-set\TK5\DATA\LAUDIT.CDX* to *..\TK6WIN\DATA\* Directory and re-index LAUDIT file.

9.6 Setup a new user (i.e. **IBRW**) within TimeKeeper (i.e. **USERS.EXE** program). The definitions for this user are irrelevant as it simply uses for **AUDIT TRAIL** (as per changes made in iBrowse module). Ensure that "System Administrator" option will be de-selected for iBrowse user and that the Language field matches the primary language of the TimeKeeper as set in the SYSCNF file.

😽 Users				
	- (	User Name		
		_IBRW		
General Parameters	Functions	Screen Builders	Data Base Access by	Impro System
Password	****	 Confirm P	assword ****	
$\parallel \longrightarrow$	System Administra	ator 🔲 IBrow	se Supervisor	
Group Name	ibrw 💌			
Data Path	DATA		•	
Language	English	$\Box \leftarrow$		
Expiration Date	01/01/2010	12		
Configuration Profile	0	<u> </u>		
Groups Definition				-
Employee Num	ber	Employee Last Name	Employee F	First Name
0				
?		H H H	<b>B</b>	<u></u>



# <u>Step 10 – Load iBrowse</u>™

In order to load iBrowse<sup>™</sup>, specify the following :

### http://SERVERNAME/Ibrowse e.g. http://TimeTECH/Ibrowse

- <u>Note</u>: In order to generate employee passwords, load "**iBrowse employee configuration**" screen and select "**Create records for all employee**". If this option is selected, while loading iBrowse, each employee will be able to generate is own password as follows:
  - a) When loading iBrowse for the first time, the employee will **specify his employee no as user name providing a blank password:**

http://david_tuchman/IBROWSE/Logon.as	sp - Microsoft Intern	et Explorer		_ 린 ×
Eile Edit View Favorites Tools Help				
] ⇐ Back + ⇒ - 🕝 🖆 🖓 ©@ Search	😹 Favorites 🛛 🌀 Histo	ory 🛛 🔁 - 🎒 🕅 -	in the second se	
Address 1 http://david_tuchman/IBROWSE/Logo	on.asp			▼ 🖓 Go 🛛 Links ≫
iBrowse IK's Internet Gateway	-			
Титетесн	User Name:	[1772]		
	Massword:	Logon		
Done				Cocal intranet

b) After selecting "login", the employee will define iBrowse's user name and password :

<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> el	P		
🗢 Back 🔹 🔿 🚽 🙆 🚰 🛛 🎯 Searc	n 💽 Favorites 🎯 History 🛛 🛃 🕶	🥔 🗹 - 🖃	
Address 🛃 http://david_tuchman/IBROWSE/L	.oginDefine.asp		▼ 🖉 Go 🛛 Links ×
(iBrowse			
LAVIE Tometech	Enter new User N User Name	ame and Password	
Time TECH	Enter new User N User Name Password	ame and Password	
TimeTECH	Enter new User N User Name Password Confirm Password	ame and Password	
LAVIE Tometech	Enter new User N User Name Password Confirm Password	ame and Password	



## Trouble shooting

1. "Login Failed for user "iBrowse\_user". Reason: Not associated" while loading iBrowse web site:

The user is not defined in MS-SQL database correctly. In most cases, the cause is defining the user in "windows authentication" work mode. Load **MS-SQL Enterprise manager** and ensure selecting "MS-SQL Authentication" work mode in "Logins/user/authentication".

- 2. "<u>Cannot open http://ibrowse\_server/Ibrowse/logon.asp</u>" while loading iBrowse web site: Ensure that the **Internet Explorer** version (i.e. installed on the workstation) is at least 5.0.
- 3. "<u>Error in opening file (errors 360-364)</u>" while loading iBrowse web site: There is a problem in the connection between MS-SQL and TimeKeeper. Re-check the IBROWSE.INI file (i.e. which installed on the server), mapping and permission within MS-SQL Enterprise manager.
- 4. "<u>Specified SQL Server not found"</u>" while loading iBrowse web site: The user is not defined in MS-SQL database as DB\_OWNER. Load MS-SQL Enterprise manager and ensure selecting "MS-SQL Authentication" work mode in "Logins/user/Database Access".
- 5. <u>"Error in creating object (error 8)</u> " while polling data from iBrowse (i.e. TRXFERIC program)

TRXFERIC
8 : ERREUR G 'N 'RALE DE VISUAL BASIC Error : 462in Create Object : The remote server machine does not exist or is unavailable
OK

Run GETICLOC.DLL from the workstation as follows:

a) Select START/RUN menu, and run REGSVR32 C: |WINDOWS |SYSTEM | GETICLOC.DLL

b) Load TimeKeeper's configuration file (SYSCNF) and delete the server's name

c) Copy IBROWSE.INI from the server's .. | WINDOWS | to the workstation .. | WINDOWS | directory

d) Run .. |Misc |MDAC\_TYPE.EXE from iBrowse installation CD.



# Step 11 – Specifying SYSCNF Definitions

🔤 System Configuration	
Time <u>C</u> lock (Polling) Payroll Interface	Y-T-D Definitions Program Extensions Absences
Printer & Printing File Daily, Employee	Impro System Key Fields <u>F</u> ormat BackUp/iBrowse
System Configuration Dealer Secu	urity & Authorization Language Date & Time
	BackUp Path
D:\LAVIE\TK601\DATA\BACKUP	Browse
iBrowse	Configuration Settings
SQL Server Name	ibrowse_server
Employee Sign Daily Category	EDS
Administrator Sign Daily Category	SDS 🔽
Transfer Data to TK Only After Supervisor Signo	m I I
Transfer Data to TK w/o Supervisor SignOff	
?	

## **SQL Server Name** – Specify the server's name.

**E-signature parameters** – The general idea behind the electronic (or digital) signature is that a supervisor and/or the employee may approve the daily data specified in iBrowse. These settings within the **SYSCNF are the first step in e-signature activation** i.e. associating both **EDS** (Employee digital Signature) and **SDS** (Supervisor digital Signature) with manual pay categories within TimeKeeper.

The second step in **EDS** and/or **SDS** activation is via **iBrowse profiles generator** i.e. **DCNFPROF**. For further details, see **iBrowse setup document**.

### Category for E-signature by employee

Used to specify the pay-category no. for e-signature by employee. Once a day has been e-signed, the value [1.00] will appear in the selected pay-category. Ensure selecting a pay-category that may be edited manually (i.e. 47-50).

### Category for E-signature by supervisor

Used to specify the pay-category no for e-signature by supervisor. Once a day is e-signed, the value [1.00] will appear in the selected pay-category. Ensure selecting a pay-category that may be edited manually (i.e. 47-50).

#### Transfer data to TimeKeeper only after supervisor signoff

In some of the cases, supervisor's signoff considers to be the "certificate" for payment. In other words, there are organizations which do not transfer **TK** and/or **TC** information (i.e. from iBrowse to TimeKeeper) without having the supervisor approve all his employees records.

Following are the options for updating TK:

- Transfer data to TK without supervisor signoff
- TK and TC will be transferred only after supervisor signoff



- TK Data will be transferred only after supervisor signoff
- TC Data will be transferred only after supervisor signoff

### <u>Step 12 – Specifying iBrowse™ data collection within TimeKeeper</u>

The connection between IBrowse and TimeKeeper performs via clock polling interface. Defining an additional clock polling (i.e. iBrowse) within TimeKeeper enables utilizing TK standard polling mechanism for both manual and automatic data import.

Following are the required definitions to iBrowse clock:

## 12.1 Clock Definitions within TK's system configuration file

- Punch type "Lavie"
- Punches file name Specify the file name and path of the punches file name e.g. ..\TK6\IBRW\_TR.TXT
- Type of polling program "Other batch" Name of polling program "**TRXFERIC**" •
- •
- Path of polling program directory Specify the path in which the polling program resides. •

Time Clock (Polling)			×
Active Clocks 1			
Browse	Clock 2 Clock 3	Y	Clock 4
Punch Type	Lavie		
Punches File Name	D:\LAVIE\TK601\IBRW_TR.TXT		Browse
Type of Polling Program	Other Batch 💌 Name of Polling	TRXFERIC	<u>B</u> rowse
Path of Polling Program Directory	D:\LAVIE\TK601		<u>B</u> rowse
Halt TK6WIN Operations For Batch	Polling		
1			
?	E.	<u>i</u>	



# 12.2 – Adding iBrowse clock to the menu

Following is the definition of iBrowse clock in the menu:

📉 Menu Setup Program			_ 🗆 ×	Program parameter
<u>G</u> eneral Menu 9	Structure	<u>R</u> eports Menu Structure		Define the program
Menu Name	Poll & Browse			parameter according
Program Name	CLOCK	Program Parameter 2	━	to the clock number
Program Type	Program	<b>_</b>		designating iBrowse.
Menu Attributes	Enabled	<b>⊠</b> isible		In this example
Level	Placement			there are 2 active
	↑ ↓	Insert Item Delete Item		clocks: the default
>&Activities				
>Poll &Llocks >Poll &IBrowse				from iBrowse.
>Re-Import iBrowse	Data			
Bead &Backup Pu	inch Eile (TK Format)			Thus, the program
>&Read Backup Pu	Inch File (Clock Formal	t)		accessing the $2^{nd}$
>				clock definitions.
2				

12.3 – Adding iBrowse re-import option

This option will use for re-import iBrowse data according to a specified date range. Following are the required definitions:



📉 Menu Setup Program			Program parameter
<u>G</u> eneral Menu Struc	ture <u>R</u> eports Menu Structure		Define the program
Menu Name Re-	Import iBrowse Data		parameter according
Program Name TR	KFERIC Program Parameter 2		to the clock number
Program Type Pro	gram 💌		designating iBrowse.
Menu Attributes 🛛 🕱 E	nabled 🔀 🗹 isible		In this example
Level Plac	ement		there are 2 active
	↓ <u>Insert Item</u> <u>D</u> elete Item		clocks: the default
>&Activities > Poll &Clocks			clock for polling data
>Poll &Browse			from iBrowse.
>			Thus, the program
>Read &Backup Punch	File (TK Format)		parameter is "2", for
>View/Edit Invalid &Pun	ches		accessing the 2 <sup>nd</sup>
L			CIOCK GENERATIONS.
?			
P			

Note: Following is the screen of re-import iBrowse data:

🔺 Crea	ting Trans	. File from IBROWS	E SYST	EM		×
Date	From	21/08/2001	Date	Till	22/08/2001	- <del>G</del>

# 12.4 – specifying polling definitions within the TRXF.INI file

Specify TK's data path within the ..\TK2000\TRXF.INI e.g. F:\TK2000\DATA

🛃 trxf - Notepad	
<u>File E</u> dit F <u>o</u> rmat <u>H</u> elp	
[TRXF_PARAM] Data_Path=D:\LTT\TK2000\DATA LangId=ENGLISH D	
1	



## <u>Step 13 – Specifying iBrowse™ users</u>

Similarly to "TK's Users Definition", "iBrowse<sup>TM</sup> User Definition" enables specifying details about iBrowse<sup>TM</sup> users i.e. [User name], [Password] and associate a user with an iBrowse<sup>TM</sup> profile (which provides further details related to customizing display options and work modes in iBrowse<sup>TM</sup>).

For further details, see **iBrowse setup document**.

### Step 14 - Customizing iBrowse™ options within TimeKeeper i.e. generations profiles etc.

The profile configuration enables customizing both work mode and display options. By specifying a "set of rules" relating to such items as absence handling, number of in/out pairs, costing calculations, retroactive edits etc., you can configure the required display/work mode(s) according to specific customer and/or user needs. The configuration file includes six tabs: Attendance tab, Time Costing tab, General tab, Display tab, Dates tab and Time Sheet tab.

For further details, see **iBrowse setup document**.