

Document Version 1.7



INTELLICYBER LTD.

INTELLICYBER CLIENT SERVICES ICS USER GUIDE



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Introduction

Introducing the IDX Client Services (ICS) application from Intellicyber. ICS is tool which enhances the experience of the IDX Integration and Alerting toolset, and can be used to leverage visibility, execution and support across the internet.

Remotely Interact with IDX servers

ICS is a multi-entity application designed to allow different parties access to data via an web client over an internet connection. These users can be vendors, suppliers, consignees, carriers, etc as well as warehouse/logistics personnel and owners of goods in the supply chain. Perfect for solutions such as VMI where multiple parties need visibility of data. A security application gives these entities the permissions and management needed to enable this.

ICS allows administrators and users to interact with IDX servers across multiple networks, all connected through an internet connection. This may be to monitor the status of the integration servers, run an interface on demand, or may be run and view reports created by crystal reports in the IDX4 developer. In fact, Intellicyber can provide customers with Starter Kits of KPI reports and alerts designed around the Infor WM, from operational planning reports through to complex DIFOT calculations. Please contact <u>sales@intellicyber.com</u> for more information.

ICS also enables managers and supervisors to view and interact with IDX4 runtime environment to monitor interface logs, history and errors, as well as access the data files used in the interfaces themselves.

Key Features

Reporting Tool

Access any report created through the Crystal Reports designer in the IDX4 Developer. Reports may be run on demand and previewed, or scheduled for a specific time, and may be printed directly, or e-mailed automatically to destination parties. Examples of this would be daily inventory reports to customers, automated invoicing, or daily/weekly type KPI reports.

Conr	nect F	Options Processing Status	
	Repor		
G	9	SKU Report	
G	18	OrderReport	
G	19	Inventory Snapshot	
G	20	Tomorrows Receiving Schedule	
G	21	Todays Orders	
G	22	Pre Allocated Qty	
	23	Short Receive ASN	
	24	Damaged Stock Received	
-	25	DIFOT	
	26	Stock Out Rate	
	27	Orders to Ship	
	28	Daily Inventory Summary	
1.000	29	Inventory Movement Summary	
-	30 31	Inventory Aging	
	31	Order Cycle Time Cycle Count Schedule	
-	32	New SKU Report	



Inherent security can be applied to the reports so that filters and restrictions are applied to users and groups, in that way: owners, vendors and customers through to warehouse staff, can access only the data they *should* see.

Getting started

To utilize ICS, users only need to install the ICS client to enable access to their reports and information. This assumes that an administrator has configured and setup the user accounts and permissions.

Installing the ICS client

Pre-requisites:

- 1 Windows XP, Vista or Windows 7
- 2 .Net Framework 2.0 (Included with Vista, available from Windows Updates with XP)
- 3 Minimum screen resolution of 1024x768

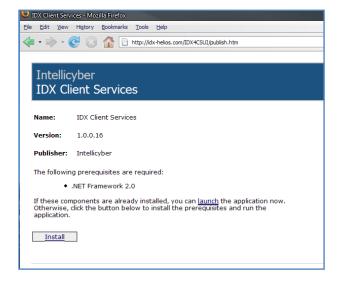
Installation Steps:

Online Install

1 - On the client machine, via Internet Explorer or Firefox, go to the following URL

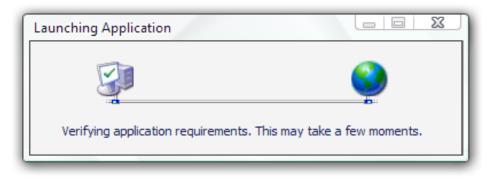
http://idxcentral.idxdev.com/IDX4CSUI/publish.htm





2 - Click the install button.

The system will verify the components installed



The Windows installer will then ask you to verify if you wish to install the ICS Client application

Application Inst	all - Security Warning	
	not be verified. you want to install this application?	``
Name: From: Publisher:	IDX Client Services idx-helios.com Unknown Publisher	
	applications from the Internet can be usef ter. If you do not trust the source, do not	

Select INSTALL to continue.

The ICS Installer will now download the application

(33%) Inst	talling ID	X Client Services	
This	-	lient Services several minutes. You can use your computer to do other tasks tallation.	?
8	Name: From:	IDX Client Services	
	Downloa	ading: 2.72 MB of 8.21 MB	
			Cancel

Once downloading has completed, the ICS application will launch.

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IDX Client Services
Connect Provide Provide
Reports Processing Status Interfaces Request Status Services Transmit Log Error Log Folders
Report ID Report Title

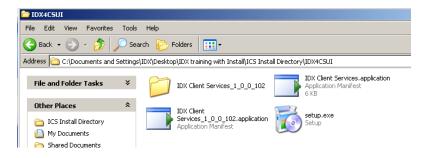
Installation has completed.

Offline Install

When a connection to the ICS server is unavailable, or other technical reasons demand, installation of the ICS client can be done offline.

To do this, Intellicyber will provide users a zip file which contains a folder called IDX4CSUI. Unzip this folder onto a folder on your local machine.

Inside this folder, there will be the following files:



Double click setup.exe to proceed, and setup will follow the above steps as normal.

(Note: Occasionally company's firewalls / virus programs will remove the setup.exe)



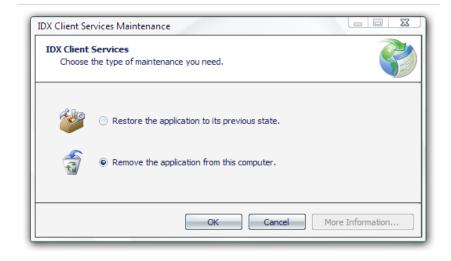
Removing the Client installation.

To remove the client installation, go to the Control Panel in Windows.

Select add remove programs.

Find the IDX Client Services application, and select Change/Remove.

From the Dialog box that appears, select the Remove application option and click OK.



Updating the ICS Client

Offline Updates

When the ICS client is offline, and updates need to be applied to the client, there is no facility to update the existing installation. Users must remove the existing ICS client, and then reinstall the version as new. Follow the steps for Removing the Client, and then the installation steps again.

Using the IDX Client Services

To start the application select the IDX Client services shortcut from the start menu, it will be located in the Intellicyber program group.

It will open with a blank screen.

Connecting to an ICS Server

First step is to Connect to the appropriate ICS Server.

Click the 'Connect' menu button to bring up the login dialog.





The login dialog box will appear asking for user name, password and the ICS server to connect to.

🍫 IDX Server Lo	ogin			x
Client S	Service	es		
User ID: Password: Server URL:		dev.com/IDXCS/		[[]
	Register	Cancel	Login	
I0001: Enter crede	ntials to login			.::

By default, initially the login screen will be restricted to login to the idxdev server. In this way users can connect to the Intellicyber server and test some of the sample Start Kit reports available.

To unlock your ICS client application, click the register button on this screen, which will open the serial number generation screen.

On this screen should appear a Serial Number, along with an e-mail address. Please copy the serial number into an e-mail and send it to the Intellicyber address.

A prompt response will be sent notifying you that your client is registered.

Once you have a confirmed registration, when you start the ICS client, you will see the Server URL and other fields are not editable, and the Logo should be changed to match your corporate logo (as required).

IDX Server I	Logifarma	
User ID: Password: Server URL:	Demo I http://dev.idxdev.com/IDXCS/Service.asmx Cancel Login	
I0001: Enter cre	dentials to login	÷



Your own details will be provided by the system administrator within your own network.

The ICS client will remember your last Server URL and User ID details, so you don't need to keep entering these each time you start the program.

If you are successfully, you will see the status bar in the bottom right corner of the screen inform you, that you are connected correctly, and to which server you have connected.



If you do not Connect and login, no reports or details will be available to you.

Main ICS Navigation

Within ICS are three levels of 'icons' or tabs. At the upper level, switches between "Reports" and "Interfaces". The Interface section is discussed in the Administrators guide section.

2.5			VIII 4	13515	I nde enti	Jul				112.11	
	IDX							IDX Client	Services or	http://dev.id	dev.com
	2	Report	ts Int	erfaces		ľ.					
	0	1	Y	()	Q	0					
	Connect	Reports	Request	Status	View	Help	Exit				
ł											
	Reports	Proces	sing Status	Interf	aces R	equest St	atus Ser	vices Transmit	Log Error	Log Folders	1
	Rep	ort ID	Repo	ort Title							
	6 39	C	JKTC	S Tally Sh	eet						

The Next layer down contains the main **REFRESH ICONS.** These icons will cause the ICS Client to download information again from the ICS Server. By Selecting the Reports icon, will download the list of appropriate reports from the server.

					tatik di		IDX Client S	ervices on	http://dev.idxdev.com
Connect	Report	Request	Status	Q View	0 Help	Exit	REFRES	H ICONS	
Reports		sing Status	rt Title	ales K	equest Sta	atus Servi	ces Transmit I	Log Error I	Log Folders
			S Tally Sh	eet					

Underneath the 'refresh icons' are the NAVIGATE ICONS. These move the user between data that is already in the ICS application memory, and will NOT refresh or download the data again.

ICS USER GUIDE

<u>s</u>	Report	ts Int	erfaces							
Q Connect	Reports	Request	Status	View	0 Help	Exit		NAVIGA	ATION ICONS	
Reports	Proces	sing Status	Interf	aces R	equest Sta	atus Servi	ces Transmit L	og Error	Log Folders	b

Reports

After connecting successfully, you can retrieve the list of reports available to use. These are restricted by security settings, so you can only see what you are given permission to see.

Click the Reports button in the menu ribbon bar.

2	Option	s
) ect	Reports	Re
orts	Proces	sing

Setting up of this security is described in the Administration section.

The status bar at the bottom of the screen will summarize the number of reports available, and the report names themselves will appear in the Reports Tab.

	_
P0005: 17 Reports Available	

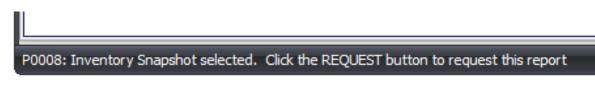
The Report ID represents the unique report number configured by the IDX manager and is used to relate back to the setup for administrators.



	X		IDX Client Services – 🗖 🗙
5	5	Options	
	nect		rquest View Exit
Rep	ports	Processing	
0		ort ID 🔺	Report Title
6	9		SKU Report
6	18		OrderReport
6) 6	19 20		Inventory Snapshot Tomorrows Receiving Schedule
6	20		Todays Orders
G	21		Pre Allocated Qty
G	23		Short Receive ASN
6	24		Damaged Stock Received
6	25		DIFOT
G	26		Stock Out Rate
G	27		Orders to Ship
G	28		Daily Inventory Summary
G	29		Inventory Movement Summary
G	30		Inventory Aging
G	31		Order Cycle Time
G	32		Cycle Count Schedule
G	33		New SKU Report
P000	8: SKL	J Report select	ted. Click the REQUEST button to request this report

Requesting a Report

To run a report, simply select the desired report from the list by clicking the Report Title or Report ID. The status bar will update with the selected report.



Select the Request button from the menu ribbon to begin the process.



The Report Filters menu will appear.



Report Filters

If the report has any values that must be passed in the report, these will appear as filter items in a list. If the report does not require any filter values the list will be empty.

Report filters are used to add parameters to a report, and are created when the report itself is designed. Examples of filters may be dates, document numbers, customer details, etc.

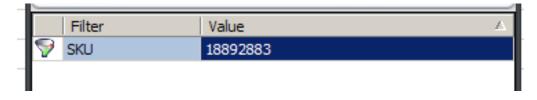
The filter needed will be displayed in the filter column, and the value will contain the user inputted data needed to run the report.



In the example below, a SKU is needed to retrieve all product information for that commodity. To enter this value, select the value and type in the required information.

	Filter	1	Value		
∇	SKU				

It is important that you press ENTER after each value to 'lock it in'. You will see this by the value parameter being highlighted.



Set Filter Values

The Save Filter values button is used to remember the currently entered value in the Value boxes. To use, enter the values you wish to be default, and then the Set Filter Values button. If all goes well, the status bar will display 'Filter Values Saved', and these values will be displayed when the report is requested next.

Date Helper

If the filter values require a date value, then the date helpers will assist in entering this information. Date Helpers will ensure that dates are always entered in the correct format for users to avoid conflicts with different countries formats.

ICS USER GUIDE

) =	Repo	rt Filters	x
	Filter Options	Date He	lpers	
12:00 a.m. Yesterday	12:00 a.m. Today	12:00 a.m. Tomorrow		
Filter	V	alue		Δ
💎 Begin_D	ate 20	008/05/04 00:0	0:00	
💎 End_Dat	te			

In the above example, a Begin Date and an End date are needed. By clicking in the date helper tab, users can select Yesterday, Today or Tomorrow. This will then put that date in the correct format in the filter space. You can manually change this value now if you need (i.e. to change to 18:00:00).

Notice that the format of the date is YYYY/MM/DD HH:MM:SS. This is a standard default date in ICS.

Click back on the Filter options tab to continue the "Submit Report Request"

Clear Filter Values

If you wish to delete all values in the filters, select the Clear Filters button from the menu ribbon. This will remove all values.



Cancel Report Request

If you do not wish to run this report, select the cancel Report Request, or the 'X' in the top right hand corner.



This will return you to the Reports Tab.



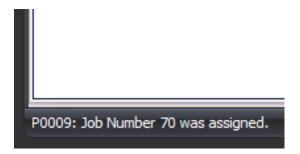
Submit Report Request

Once all necessary filter values have been added, select the Submit Report Request button from the menu ribbon. This will schedule the report job on the IDX server, which will then run.



/alue

The filter menu will close, and the status bar will update with the details of the job just created.



This job number can be used to monitor the job status as it runs.

The nature of IDX Reports

IDX reports will be available to view from the ICS client (as discussed below), but are part of a process that may include many functions, such as Skype alerting, and e-mailing. In this way the Submitting of a Report Request may actually do multiple steps, such as creating a report dataset in the data warehouse, creating a pdf report based on that data, and then emailing this report to a specified party.

Status

Once a report has been requested, it will appear in the status tab. To go here, simply select the Refresh icon 'Status' button in the menu ribbon. This screen is restricted to only display jobs that have been requested over the past 48 hours.



This will then 'Refresh' and then display the recent report jobs that have been run, as well as the filter values used, and the status of the report.

ICS USER GUIDE

IDX						IC	X Client Services on http:/		
_ 🥑	Reports Interfaces								
Connect R	Request Status	Q View	~	Exit					
Reports	Processing Status Inte	faces Re	quest Statu:	s Services Tra	ansmit Log 🔰 Error Lo	g Folders			
Reports Job ID	Processing Status Inte	faces Re	quest Statu:	s Services Tra	ansmit Log 🗍 Error Lo	g Folders	Report Filters	Status	Requested On
Job ID			quest Statu:	s Services Tra	ansmit Log 👗 Error Lo	g Folders	Report Filters Owner=LEA	Status	Requested On Fri 24-Apr-09 00:00:00
Job ID IO	Job Name	.OC×ID		s Services Tra	ansmit Log 📔 Error Lo	g Folders			
Job ID O 9	Job Name Inventory Report LOTx	.OC×ID		s Services Tra	ansmit Log Error Lo	g Folders	Owner=LEA	Scheduled	Fri 24-Apr-09 00:00:00
	Job Name Inventory Report LOT× Admin - Interface State	.OC×ID		s Services Tra	ansmit Log 🕴 Error Lo	g Folders	Owner=LEA Begin_Date=2009/04/23 00:00:00, End_Date=2009/04/25 00:00:00	Scheduled Completed	Fri 24-Apr-09 00:00:00 Fri 24-Apr-09 00:00:00

In the status bar, the job just requested will still display, so it is easy to see current status of the report job.

Initially the job will be of a status 'Scheduled', which means it is queued to run on the appropriate IDX server. Scheduled

Once it has started on that machine, the status will show:

And once the report has been generated, the status will be: 🥝 Completed

If the report running has an error or some other problem (usually filter values do not match data in the source database [in the example above ASN_NO = '0000000013' does not exist in the WMS]), the Status icon will display a red dot.

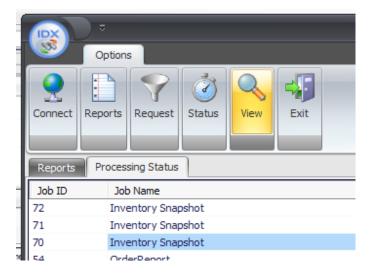
As displayed the Report Filters column shows the data entered in the filter popup when requesting the report.

To refresh the Status list, just click the Status button again.

Viewing a Report

Once a report job has been completed, the report will be available for viewing.

To view the report, select the appropriate Job number from the status list, and then click the view button on the 'Refresh' menu bar.



If the report is available, it will display in the status bar of ICS



Where the Report name is appended a globally unique identifier for this particular job.

It will open the pdf report in a browser window (your default browser). If the report is an Excel or word file, it will ask you to confirm opening in Excel or word.

- 💽 💿 🏠 🗋 http://localhost/Reports/OrderReport%7B389A	CDC7-F86F-49A9-B51C-90C037900AA8%7D.PDF			🔹 🕨 💽 vuto	ok 2003 RSS feed			
🗱 🚑 • 🧼 🧼 🔟 / 4 🖲 🖲 177% •	Eind -							
OFTAL Read TAS Booker NAS_RECHVinte NAS_RECHVInte TotalAs_RECHVInte TotalAs_RECHVInte TotalAs_RECHVInte TotalAs_RECHVInte TotalAs_RECHVInte TotalAs_RECHVInte Total	IDX Client Services							
orders to omp to	, Datorraceauy,	,						
Client:USER99	, Daton dooray,							
	Type:VC		ty:5	Status:0				
Client:USER99		DR Priori		Status:0 Ship Date:10/1	16/2007 3:16:1	14PM		
<i>Client:USER99</i> OrderKey:0006000055	Type:VC Order Date:10/10/200)R Priori 7 12:00:00AM			16/2007 3:16:1	14PM		
Client:USER99 OrderKey:0006000055 Ref #:	Type:VC Order Date:10/10/200 JVH Qwerty)R Priori 7 12:00:00AM	Requested		16/2007 3:16:1 Picked	14PM		
Client:USER99 OrderKey:0006000055 Ref #:	Type:VC Order Date:10/10/200 JVH Qwerty Door:)R Priori 7 12:00:00AM Route: S Open Shipp	Requested	Ship Date:10/1	Picked	14PM		
Client:USER99 OrderKey:0006000055 Ref #: LoadID:	Type:VC Order Date:10/10/200 JVH Qwerty Door: Original	DR Priori 7 12:00:00AM Route: S Open Shipp 400.00 0.	Requested Stop: red Pre-Alloc	Ship Date:10/1	Picked 0.00 US			
Client:USER99 OrderKey:0006000055 Ref #: LoadID:	Type:VC Order Date:10/10/200 JVH Qwerty Door: Original 400.00	DR Priori 7 12:00:00AM Route: S Open Shipp 400.00 0, 600.00 0,	Requested Stop: red Pre-Alloc 00 0.00	Ship Date:10/1 Allocate 0.00	Picked 0.00 USI 0.00 99-	ER02		
Client:USER99 OrderKey:0006000055 Ref #: LoadID: 20001 10023 2002 20023	Type:VC Order Date:10/10/200 JVH Qwerty Door: Original 400.00 600.00	DR Priori 7 12:00:00AM Route: S Open Shipp 400.00 0. 600.00 0. 800.00 0.	Requested Stop: eed Pre-Alloc 00 0.00 00 0.00	Allocate	Picked 0.00 USB 0.00 99- 0.00 01-	ER02 10-100		
Client:USER99 OrderKey:0006000055 Ref #: LoadID: 00001 10023 00002 20023 00003 30023	Type:VC Order Date:10/10/200 JVH Qwerty Door: Original 400.00 600.00 800.00	DR Priori 7 12:00:00AM Route: S Open Shipp 400.00 0. 600.00 0. 800.00 0. 200.00 0.	Requested Stop: red Pre-Alloc 00 0.00 00 0.00 00 0.00	Allocate 0.00 0.00	Picked 0.00 USB 0.00 99- 0.00 01-	ER02 10-100 10-100 ER02		

The report can be then saved to your local machine, or printed out, as required.

If the report has been removed from the server, the status bar will show that the Report is not available. You must re-run the report. If the report will not generate, and you are entering the correct parameters, please contact your administrator.

26	OrderReport
25	OrdorDoport
Report is not ava	ilable

On line Documentation

This guide can be downloaded from the ICS client as required. This is usefull where remote installation is required and does not need the user to have a setup package, etc.

To do this simply click the 'HELP' icon in the Refresh bar.





Exit

The application can be ended by selecting the Exit button from the menu bar, or by clicking the 'X' in the top right hand corner of the application.





ICS Client Services Application for Administrators

The ICS application "Interface" tab holds information of the status, history and other information pertaining to the running of the IDX Schedulers. This information is able to be accessed via the client over the internet or intranet.

It is assumed setup and configuration have been completed as specified elsewhere in this guide.

Once the user has logged into the ICS application, selecting the "Internet" tab in the top will open the IDX Server Management functions.

Services



Selecting the refresh icon for services will pull down a list of all interface and report jobs from the Computer / scheduler combinations created in the setup step (NB: this is where you added the computer ID and scheduler ID into the DB manually)

Computer	Scheduler	Interface		Status	Next Run	Last Run	Schedule
UKFRNFSHA	3 1	Receipt Confirmation - FIAT	Ö	Scheduled	Fri 18-Apr-08 18:35:01	Fri 18-Apr-08 18:34:56	5 Second
UKFRNFSHA	1	ASN Import - COU1	<u>a</u>	Stopped	Fri 18-Apr-08 18:35:55	Fri 18-Apr-08 18:34:55	60 Second
chrislap	2	Inventory Balance Report	Ö	Scheduled	Tue 29-Apr-08 09:00:00	Mon 28-Apr-08 17:17:56	Daily 9 AN
chrislap	2	Interface Metric	0	Completed	Thu 01-Jan-99 00:00:00	Mon 07-Apr-08 13:58:40	On Demar
chrislap	2	ASN Enquiry Report	\bigcirc	Completed	Thu 01-Jan-99 00:00:00	Thu 20-Mar-08 09:39:09	On Demar
chrislap	2	Inventory Balance Report	0	Completed	Thu 01-Jan-99 00:00:00	Mon 28-Apr-08 17:18:53	On Demar
chrislap	1	Receipt Confirmation - FIAT	٥	Scheduled	Fri 18-Apr-08 18:35:01	Fri 18-Apr-08 18:34:56	5 Seconds
chrislap	1	ASN Import - COU1	Ğ	Stopped	Fri 18-Apr-08 18:35:55	Fri 18-Apr-08 18:34:55	60 Second

This data will refresh every time you select the Services refresh icon.

- Computer Name Displays the Computer name configured in the DB above
- Scheduler Shows the Scheduler number running on the Computer
- Interface This displays the Interface Name that is setup in the Interface section of the IDX manager.
- Status Will display the Status as at the last 'refresh' of the list of services. (this can be modified through the use of the Start Stop functions described below.
- Next Run displays the date /time that the specified interface/report is next due to run.
- Last Run displays the date/time that the specified interface/report last completed its run.
- Schedule shows the schedule configured through the IDX manager.

Any of the interfaces can be stopped by the Administrator at any time. Simply select the interface desired to be stopped and click the 'Stop interface' Icon.





The client will ask you to confirm this function.

IDX Client Services	×
Are you sure you want to STOP Interface ASN Import	- COU1?
OK Cancel	

The interface or report will then be marked as "stopped" and will also remove itself from the IDXShedulerApp it was assigned to. In this way the interface or report will not run again until the administrator starts the jobs.

Any manual jobs requested while it is stopped will be buffered until the service is started again. (i.e. if users requests reports, they will show as Scheduled for the users, and will run in requested sequence once the service is running.)

To Start any of the stopped interfaces, simply select the desired stopped interface and click the Start button in the refresh menu. After confirmed the start, the service will begin running again.



Transmitlog

The Transmit Refresh Icon will pull all new entries from the transmitlog table into the ICS client.



This will show the status of the last 500 transmitlog entries and their run status. This screen will be sued to look at the history of the jobs which have been processed and if there are any errors or problems associated with that interface.

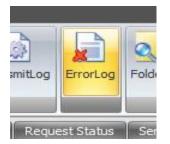
🥙 Reports 🚺	Interfaces											
Services Start	Stop	TransmitLog	ErrorLog	Folders	Delete	Reprocess	Uploa	-	ad Help	Exit		
Reports Processing Stat	tus 🚺 Interi	faces Reque	st Status	Service	s Tran	smit Log E	rror Lo	g Folders				
Interface	F	ile Name						Status	Lines	Errors	Started	Ended
P Test		est					0	Success	6	0	Wed 16-Apr-08 19:08:57	Wed 16-Apr-08 19:08:57
🛿 Test		est					0	Errors	6	1	Wed 16-Apr-08 19:08:18	Wed 16-Apr-08 19:08:18
🛿 Test		est					0	Success	6	0	Wed 16-Apr-08 18:46:54	Wed 16-Apr-08 18:46:56
Test	📄 te	est					0	Success	6	0	Wed 16-Apr-08 18:44:50	Wed 16-Apr-08 18:46:06
🛿 Test	📄 te	est					0	Errors	6	1	Wed 16-Apr-08 18:25:45	Wed 16-Apr-08 18:25:45
ASNImport	A 📾	SN001.txt					0	Success	4	0	Thu 20-Mar-08 16:17:53	Thu 20-Mar-08 16:17:53
ASNImport	A 🔝	SN001.txt					0	Errors	4	4	Thu 20-Mar-08 16:13:48	Thu 20-Mar-08 16:13:49
ASNImport	A 🗎	SN001.txt					0	Errors	4	8	Thu 20-Mar-08 16:05:22	Thu 20-Mar-08 16:05:24
ASNImport	📄 A	SN001.txt					0	Errors	4	2	Thu 20-Mar-08 09:49:02	Thu 20-Mar-08 09:49:05
ASNImport	A 🔝	SN001.txt					0	Errors	6	4	Wed 19-Mar-08 18:04:18	Wed 19-Mar-08 18:04:19
ASNImport	🖹 A	SN001.txt					0	Errors	6	4	Wed 19-Mar-08 18:03:17	Wed 19-Mar-08 18:03:18
ASNImport	🖹 A	SN001.txt					0	Errors	6	4	Wed 19-Mar-08 08:25:23	Wed 19-Mar-08 08:27:37
ASNImport	📄 A	SN001.txt					0	Errors	6	4	Wed 19-Mar-08 08:20:44	Wed 19-Mar-08 08:20:45
ASNImport	A 🗊	SN001.txt					0	Errors	6	6	Wed 19-Mar-08 08:14:28	Wed 19-Mar-08 08:14:32

The following defines the columns and what they mean:

- Interface Will match the interface name configured in the IDX manager, and visible from the Services Tab.
- File Name Will display the file name that was run in the interface. This file can then be retrieved via the folders functions (described below).
- Status The status (and colour icon) will show if the interface had no errors (SUCCESS green) or had any errors (ERRORS yellow).
- Lines the number of lines that have been read in the file.
- Errors Displays the number of Errors that were detected by the IDX macro when running.
- Started date/time that the interface began running
- Ended date/time that the interface ended

These columns can be sorted by clicking in the title bar.

The next step is to drill down into the files with errors. To do this, select the Interface Name you wish to retrieve the error log for. And then press the ErrorLog button. This will return the error log entries for the combination interface name and file name.



Note: if you do not select any specific Transmitlog entry , ICS will return ALL Errors for the transmitlog entries.

This will open the Error Log screen, and the resulting Error log entries.

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1		Int	erfaces					10,	K Client Ser	vices of	rnup.//ui	пыар				-
Connect	Reports	Start	Stop	Transr	nitLog	ErrorLog	Folders	Delete	Reprocess	P Upload	Download	o Help	Exit		_	
Reports		ing Status	Interf	aces	Reque	est Status Line	Service	s Trar Message	nsmit Log E	irror Log	Folders				Log Date	
-	01.txt			0		1		_	EIPTs_Write()	:01:0009	3:Arithmetic e	rror occur	red at da	tabase level on COUDEV1		
ASN0				0	2	1	01:0	0093:Arit	hmetic error o	ccurred at	t database lev	el on COI	JDEV1_wł	1: "Exception in DBSession	Thu 20-Mar-08 16:05:22	
ASN0	01.txt									WeiteOut	rving to invok	e a metho	d on a NT	L object (SQLMgrCache, 13	Wed 19-Mar-08 08:14:29	
ASNO	01.txt 01.txt			0	1	2	Infor	WM_REC	EIPTUETAILS_	whiteOrn	ying to invok	e a meu iu	u on a nu	c object (ogenigi cache) 10m	Web 15-Hai -00 00, 14, 25	
ASN0				0	-	2		-						ceback:		
ASNO	01.txt			-	2	2 2 2	Tryin	ig to invol	ke a method o	n a NIL ob	ject (SQLMgr	Cache, 13	3). 🗆 🗆 Tra			

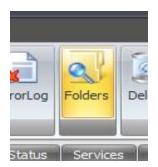
The fields displayed will then show the following fields:

- File Name Matching the file name selected in the transmitlog screen (or all files if none were selected)
- Level displays the Log Error level as defined in the settings in the IDX developer.
- Line The Line number within the interface file that corresponds to the error registered above
- Log Message This shows the error entered into the Error log table. Any validation errors will also be displayed here (if logging level is set correctly). Hint Hover mouse over line to have the error message pop up.
- Log Date Date/time the error was encountered

Use the combination of the Transmilog tab and the errorlog tab to diagnose problems with the interfaces and understand what errors are being encountered.

Remote Folder View

By Selecting the Folder Refresh icon, will return a list of the contents of the IDX folders. Users can then start to manage the contents of the folders, especially with regards to files which have had errors, or need to be reprocessed.





File Name	Date V	Size	File Name [Date V	Size
C:\IDX4\DataIn\IDXFSchedApp.ex1	20090415 144606	147456	C:\IDX4\ARCHIVE\WO_20090324143656.txt 2	0090324 145415	3192
C:\IDX4\DataIn\WO_20090324143656.txt	20090324 145415	3192	C:\IDX4\ARCHIVE\ASN20090303123214.TXT 2	0090303 193331	126
C:\IDX4\DataIn\20090202_Infor_IDX_ICS_Presentation.ppt	20090311 135110	6874112	C:\IDX4\ARCHIVE\ASN0000015.TXT 2	20090303 014045	129
C:\IDX4\DataIn\WM9.zip	20090304 000653	1149037	C:\IDX4\ARCHIVE\ASN0000014a.TXT 2	0090303 012825	129
C:\IDX4\DataIn\WO_20090225154812.txt	20090228 032603	3192	C:\IDX4\ARCHIVE\orders_20090224_17.21.53.xml 2	0090302 060935	1227
C:\IDX4\PROM\DATAIN\LEASN000001.TXT	20090225 013243	130	C:\IDX4\ARCHIVE\WO_20090225154812.txt 2	0090228 032603	3192
			C:\IDX4\ARCHIVE\SKU001.txt 2	0090227 175755	50
			C:\IDX4\PROM\ARCHIVE\orders_20090224_17.21.53.xml 2	0090225 195008	1229
			C:\IDX4\ARCHIVE\Create ORDERS.sql 2	0090225 024704	2620
				0090225 024704	2620
iles				00000000 010704	100
File Name	Date V	Size	File Name	Date	V Size
C:\IDX4\DATAOUT\REC00007378.txt	20090303 194050	118	C:\IDX4\ERRORS\ASN000001t.TXT	20090418 12165	
			C:\IDX4\ERROR5\A5N20090303111617.TXT	20090303 192732	
			C:\IDX4\ERRORS\ASN000001.TXT	20090302 06472	1 126
			3 Files		

By Definition these folders represent the following and their actual locations are defined in the IDXDataFolder SQL table (shown earlier):

- Data in The directory where inbound files are placed before processing
- Data Out The directory where outbound files created by IDX will be placed.
- Archive Directory where files that have been SUCCESSFULLY imported will be moved. This folder is limited to groups of 100 records, but can be selected by user.

\odot	SKU0000:	Get Next 100	μ2
		Get Next 100	
16	files of 16	100 I	
_			

• Errors – This directory will contain any files that have had errors when importing. (i.e. related to the ErrorLog file name)

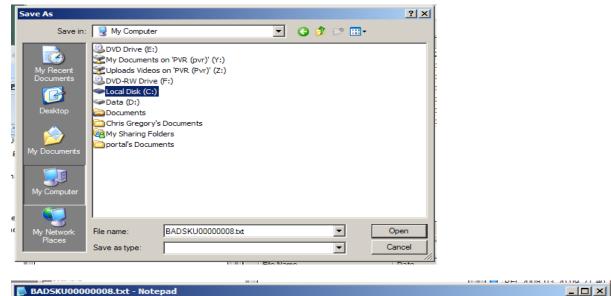
Downloading Files

Files from these directories can be downloaded to the user's computer. Simply select the file you wish to download and then the download button from the Refresh bar.



The file will prompt the user for the save location, and then immediately attempt to open it.

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BADSKU0000008.txt - Notepad		
	File Edit Format View Help	
	IAT C0038947265 Coca Cola 425m] 1/5/50 10.45 10.45 1.55 BEVERAGE B	

Uploading Files

D

0

Files can also be uploaded back to the ICS server. Usually this will be back into the datain directory for reprocessing, but can be uploaded into any directory the user selects (as long as it has been configured for uploads).

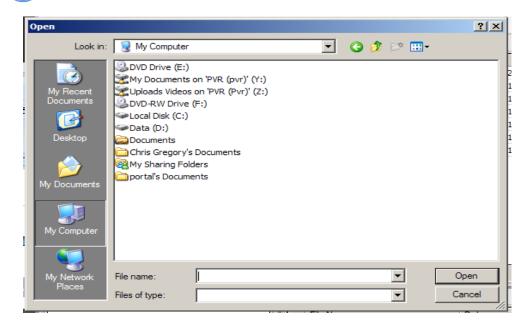
Select a file in the directory to upload into, then select the upload icon from the Refresh bar.

E	Folders	pload	Pelp E				
uest Status Services Transmit Log Error Log Folders							
11	Data In File Name	Date V	Size				
	ASN001cg.txt	20080427 121052	115				
	test_V0012992.FXGPO	20080416 183222	81				
	Test.TMP	20080416 182415	169				
	LOC00000019.csv	20080318 215522	1514				
	ASN0000005.txt	20080318 003507	10488276				
	SKU00000010.txt	20080312 184101	138				
	RAWSKU00006.txt	20080312 184048	205				

AN open file dialog box will appear. Navigate and select the appropriate file from your system.

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Use the Refresh FOLDERS Icon to update the contents of the folders, and the file will now appear in the appropriate directory.

Da	Data In					
	File Name	Date 🗸	Size			
\bigcirc	BADSKU0000008.txt	20080505 214137	69			
\bigcirc	ASN001cg.txt	20080427 121052	115			
\bigcirc	test_V0012992.FXGPO	20080416 183222	81			
\bigcirc	Test.TMP	20080416 182415	169			

Troubleshooting

File not found error when select View from ICS

Make sure that the file is being generated correctly. Ensure that the RunID being used is the same one for each step, and that the file name is called correctly. Also, check the IDXfShedApp.exe.config to ensure paths are setup correctly. The File name can be found in the schedulejobs table in the IDX30 database. Ensure this is the same as the generated file name.