

Office of Justice Information Services

Enterprise Development

Spectrum Justice System Solutions Guide

Version: <0.1>

Status: < Final >

Last Modified: <1/18/2013>

Revision History

Date	Version	Description	Author
1-18-2013	0.1	Create Troubleshoot Guide	Frank DiMeo

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1. System Requirements

Please refer to the DCJS website, under the Technology section to review the minimum system requirements.

http://www.criminaljustice.ny.gov/ojis/sjsinfo.htm

System Updates

Follow the approved deployment plan for war file and patch updates on DCJS website at the following address: http://www.criminaljustice.ny.gov/ojis/sjs/sjs70.htm

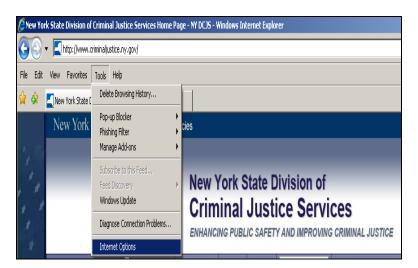
2. New Installation Issues

<u>Problem</u>	<u>Verify</u>	<u>Cause</u>	<u>Solution</u>
1) SJS won't display after running the new installation package.	 a) Log data error output. Apache Tomcat: \apachetomcat-5.5.28\logs\sjs.log b) All application errors and start up errors. \apache-tomcat-5.5.28\logs\catalina.YYYY-MM-DD.log c) Start up errors and if no sjs.log created. Oracle: \oracle\	System lock on the Installation Path variable prohibits editing for SJS's installer/use of Administrator tool set	 a) Remove the "-m" in the user path variables value, copy into memory, and then delete user system variable for path. b) Edit the system variable for path and paste in the corrected user path value as the system path variable's value. c) Restart the host computer so that the library path is loaded correctly. Should SJS not start again and the log file states "shutdown or initialization" or Oracle is in progress, you've broached the service dependency bug and should deploy that update and procedure. Contact IT as needed.

2.Windows 7 will	Windows 7 64-	Use the Windows XP
not install Oracle	bit needs the	Professional mode to install
9i	Windows XP	Oracle 9i's 32-bit program
	Professional	
	mode to allow	
	Oracle 9i's 32-bit	
	software to run;	
	Oracle 9i has a	
	32-bit	
	requirement	

Internet Explorer Issues

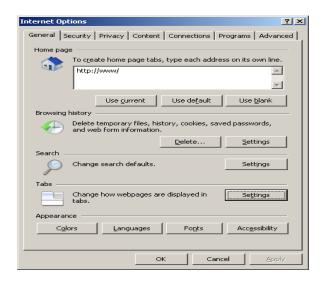
- Add SJS Address as a Local Intranet and Trusted site Under Internet Options Security tab
 - From Internet Explorer
 - Click on Tools → Internet Options



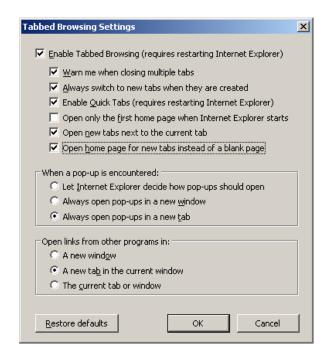
- Select Security Tab
- Add SJS Web Address to Local Intranet and Trusted Sites



- Enable Pop Ups and Tab Browsing
 - o From Internet Explorer
 - Click on Tools → Internet Options
 - Click Settings under Tabs



- Click Settings under Tabs
- Change Settings to Allow Pop Ups and Tab Browsing



NOTE: SJS is configured to run in Internet Explorer ONLY. Do not use Firefox, Chrome, Netscape, or any other browser as you will encounter problems.

3. User Interface Issues

User Access Issues

Boss Tree Configuration

Granting edit rights to someone other than a user's own incidents.

- a) Officer A creates an incident.
- b) Officer B can add a narrative to Officers A's incident as long as Officer B has update rights on incidents.
- c) Officer B will not be able to delete his narrative from Officer A's incident unless Officer B has either boss tree rights over Officer A or Officer B is assigned to the incident. Officer B can still edit but not delete his narrative from Officer A's incident.

Login Issues

<u>Problem</u>	<u>Cause</u>	<u>Solution</u>	
User cannot login and		a) Everybody needs to be out of SJS	
receives ORA-00001 and		b) Log in as the SJS administrator (fixer7 / nypti\$123)	
		c) Click on Maintenance, User Manager, the row of the	

ORA-06512, following by		officer, and the Open Active Officer button at the	
= :		bottom of the screen.	
ORA: 02391		d) Clear out the user's list of superior and reporting	
ORA-0001: unique		officers and save.	
constraints		e) Have them default back to assignments for editing	
		rights. This is a Boss tree error.	
(SJS.BT_PK) violated		f) Stop the server for Apache Tomcat.	
ODA 06512		g) Stop the server for OracleServiceSJS.	
• ORA-06512:at		h) Restart the server for OracleServiceSJS.	
"SJS.APP_CONTEXT		i) Restart the server for Apache Tomcat.	
004		j) If this does not correct problem, look at the Local	
• ORA-		Customizations / Officers and ensure that the user	
02391:exceeded		does not have any other officer records (active or	
simultaneous		inactive) that may have a boss tree implemented	
SESSIONS_PER_USE		(supervising officers and reporting officers) and clear	
R limit		out, as well.	
		k) If this does not correct the problem, have the user	
		contact the CCC to open a ticket for Technical Support.	
Hearless in active #cod	A	Have your and at the sing arms of CIC Advisited to the single of the sin	
User logs in and is "red-	A new user didn't	Have user contact their agency's SJS Administrator to add	
screened"	have an agency	the agency to the user's Agency section, in the Open Active ser Officer section.	
	assigned in their User	Officer section.	
	Management View.		
How do you promote or		Have user contact their agency's SJS Administrator to add	
correct an officer record; i.e.		the agency to the user's Agency section, in the Open Active	
promote officer's rank and		Officer section.	
·		a) For a Promotion:	
edit and officer's record?		 Create a new Officer Record for the new Rank. 	
		Link the new Officer Record to the old Officer Rank.	
		Link the new rank to the old rank so that the user account is recognized.	
		4. Tell the officer to make a list of all open	
		cases for they will no longer appear in their	
		new Officer Record when they sign in, after	
		their promotion is implemented.	
		5. Clear the Boss Tree of the current Officer	
		Record. When it is linked to the new Officer	
		Record, it will be made inactive and linking	
		will provided the correct edit rights.	
		h) For a Correction: Scopario hest example Classille	
		b) For a Correction: Scenario- best example- Glenville PD- a 'Dispatcher'- the lowest Officer Rank, is the SJS	
		'Power-User'- they have the highest GRADE behind	
		their Rank, enabling them to have Supervisory (AKA	
		Boss Tree) rights over the all other SJS Users in the	
		n Boss Treet Hours over the all Other SIS Ligers in the	

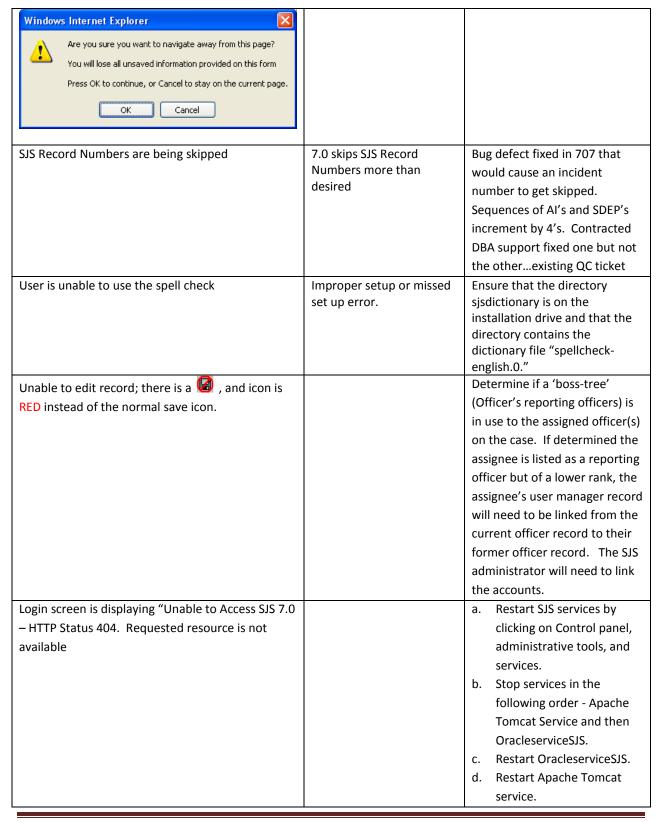
		agency.		
User has Officer Drop down		1. A Grade in use cannot be edited. Make a temporary one, if needed, to apply to multiple users. 2. Discuss with the agency if it is ok if, for example, to have SGT and SGT2, and that SGT2 cascades all SGT records. 3. Get their permission and validate their understanding of this. The User Management view's Role Section had the		
list that is not needed, and the user was erroneously setup for the role of "Secretary User Assignment".		Secretary and User Assignments control active. To clear out the Secretary and User Assignment's, click on the button and clear out the User's Bosses- not to be confused with an Officer's view Boss tree.		
User is inactive in the SJS user's view / list and needs to be active.		Activate a user by clicking the Activate button in their user manager page. Determine, as needed, if an officer record is needed to be created or if linking should occur.		
Administrator wants to delete a user account, but cannot.		Once a user account has an Officer record created it can no longer be deleted. To prevent this, provide the correct training materials and instruct users to proof their work. However, the user can be made inactive, by the administrator on the User Manager page.		
"Dispatcher role was not allowing the permissions needed to make changes in other records.	Dispatcher's Account doesn't have the needed permissions	 a) A "New User Account" of Role type sjs_user must be established with a Supervisory Grade & Rank. b) Assign all permissions needed to make changes in everyone's records (SIR & SAR). c) Then link the new user account to the dispatcher's officer account rather than establish a new officer record for the new user account. 		
User is unable to edit a warrant. User sees a over the save button.	User does not have rights to access warrants	Provide Boss Tree or rights over the warrants assignee or add the right to update warrants in User Manager. (see Boss Tree Configuration)		
Unable to access SJS 7.0 because of the wrong Agency Name assigned to the Officer	There is probably more than one ORI in SJS and this officer is assigned to the wrong ORI.	The administrator will need to sign in using fixer7 / nypti\$123. The administrator will then click on Maintenance, User Manager, and then the user's name. When the user page displays, the administrator clicks on the Agencies quick jump and then clicks edit to select the correct ORI and Agency.		
User unable to sign into SJS 7.0 and receives Sessions	User is probably in more than one Boss	SJS users can only be in one Boss Tree at a time. SJS Admin must go into user manager and clear person's boss tree,		

limited followed by BT_PK	Tree.	see if user can access SJS. If yes, go back in and re-		
Error)		establish the Boss Tree.		
User cannot remember the		SJS Admin User Name is: fixer7		
SJS Admin Username and		Password: nypti\$123		
Password		If the agency has changed their administrative password		
		and cannot remember it, they will need to sign in using		
		fixer7 / nypti\$700 and re-establish an administrative		
		password.		
How do you reset a user's		a) The SJS administrator signs into SJS (fixer7 /		
password?		nypti\$123), and clicks on Maintenance / User manager		
		b) Click on the pencil next to the user's name.		
		c) Once the user's profile screen appears, locate "Reset		
		password" in upper right hand corner.		
		d) Click on it. This will reset the password to the default		
		password of NYPTI\$700.		
		e) The user will then need to sign into SJS using their		
		userid and the default password of nypti\$700.		
		f) The user will then be prompted to change his / her		
		password, following the constraints at the top of the		
		screen.		
User is locked out and	Too many invalid	If the user cannot wait an hour for the password to		
cannot sign in.	password attempts:	automatically be reset to the default, the SJS administrator		
	The following	can stop and restart the Apache Tomcat services.		
	message is returned	and stop and restart the repairs remained to		
	to the user: "This			
	user has been locked			
	out of the system for			
	an hour due to 6			
	failed login			
	attempts."			
How to update the coded	attempts.	a) Confirm that the agency has the most recent update		
law file?		by logging in as the administrator: (fixer7 /		
law me:		nypti\$123).		
		b) Go to Maintenance / Logs / Coded Table Logs and		
		verify the last time the coded laws and vehicles were		
		updated. (As of 9/21/2012, DCJS's last release was 9/13/12.)		
		5, 15, 11.,		
		c) Coded laws are located at:		
		http://www.criminaljustice.ny.gov/crimnet/clf/rel-		
		db/rel-db.htm "XML file (SJS users)" at the bottom of		
		the page.		
	l .			

d) Coded vehicles are located at: http://www.criminaljustice.ny.gov/crimnet/clf/dcjscvt http://www.criminaljustice.ny.gov/crimnet/clf/dcjscvt<
e) Click on the hyperlinks to download the update and then extract them to the agency's server.
f) The Maintenance/Installation options will show if you are using a directory other than the default of \coded\.
g) Sign-in to the server and extract the updated XML files to the server's installation option for coded law updates
h) Have all users log off system.
i) From the Maintenance/Logs run:
I. Update Coded Laws
II. Update Coded Vehicle
When finished, log in as your own user account and see if that fixes the arrest record.

System Issues

<u>Problem</u>	<u>Cause</u>	<u>Solution</u>
Admin Updates aren't displaying		Restart the Apache Tomcat Service.
 Dynamic lookups aren't refreshing, or 		
 An SJS user's status didn't automatically 		
update from active to inactive; or		
 a local law displays as double slashes "\\" 		
Word Processor characters such as commas and	SJS not accepting 30+ bit	Use Text Pad or Note Pad, type
apostrophes are not transferring to SJS; rendering	characters sets found in	the missing narrative, copy,
as special characters	MS Word	and then paste into the narrative
User prompted by Windows Internet Explorer		Click Cancel to save changes.
whenever navigating away from the page, that the		Click ok to NOT save changes
page is not saved. User didn't save changes and		
receives the following error:		



		e. If this does not restart SJS, have user call back and open ticket for Technical Support.
User cannot create Accusatory Instrument (AI) or Supporting Depositions (DESPs) in SJS incident view		There will be a circle slash) in the incident person section for creating the AI and SDEP records, indicating they don't have rights.
		Verify by going to the Person tab in the Incident Record, if the user has the correct permissions to create these documents. Select the person from list, the last two icons on
		person tab and are for the Accusatory Instrument and the Supporting Deposition. If the icons are grayed out, the SJS administrator will need to grant permissions to the user
		by signing in as the administrator and opening the user's account and checking the Accusatory Instrument / Supporting Deposition check box located in the General Section on the page.
"Open Active Officer" button is disabled		Either create a new officer record, or link to a former one. To determine if the user has a legacy officer record, The SJS administrator will need to sign in and click on Maintenance/Local Customization/Officers view to look for any pre-7.0 accounts. Follow the rules for creating a new officer or linking to an existing officer record.
Date defaults to 1899 when only entering "Time"	Time was entered manually without adding a date.	Use Calendar Control for entering time and date.
User is unable to edit a Patrolman's Incident Narrative and can only view it.	Patrolman was not added to SGT's Boss Tree.	Add the Patrolman to the Sgt's boss tree, in the Reporting Officer's section. This will

User cannot edit the default assignment on an incident because the Incident Assignment is assigning the precinct without letting the officer choose.	The default assigned officer cannot be edited.	allow the Sgt to edit the Patrolman's narrative. (Also, see <u>Installation Issues</u>) Existing QC ticket 2349 to enable functionality.
Local Law displays as double slashes "\\"		Restart the Apache Tomcat Service.

Livescan / Cardscan Issues

Setup

If agency is looking to use Livescan with SJS, there are several pieces of information that will be needed to setup this integration. The agency will need to ask their Livescan vendor the following questions:

- a) What is the server name?
- b) What is the folder structure on the server?
- c) What is the username and password to access the server? Or what is the hostname or the IP address?

<u>Problem</u>	<u>Cause</u>	<u>Solution</u>
Mug shots over 100 KBs won't		To import a mug shot over 100 KB's
import directly into SJS, and much		into SJS, instruct user to use
shots over 32 KBs exported from		Microsoft's Paint to
Livescan won't import into SJS.		Image/Stretch/Skew and manually
		reduce in small increments the
		horizontal and vertical size down
		from 100% to the acceptable size of
		32 kb or less, or attempt to reduce
		the size using any other photo
		resizing tool.
		a) If mug shots are not importing
		into SJS from Livescan, have
		the user contact their Livescan
		vendor to ensure the right file
		size is produced and that the
		right file name (mugshot.jpg)
		is included in the record.xml
		output imported into SJS.

Saving a mugshot from SJS is	Internet Explorer cache	Inter	net Explorer cache that can be
causing an error 800700de			ed up by deleting "temporary
Hanna and the transport of the control of the contr		files	Laria de CIC a durinistantos
User wants to transmit an arrest to		-	Login as an SJS administrator
Livescan but the "Transmit Data to			(fixer7 / nypti\$123)
IM" button is not enabled		-	Go to Maintenance, Local
			customization, Agency
		-	Click on the pencil at the left of
			the agency row.
		•	Scroll down to the Cardscan /
			Livescan section, or click on the
			Quick Jump button – labeled
			Cardscan / Livescan.
			Select YES for all three options
			(Livescan, Cardscan, and
			Automatically Transmit Data to
		ı	Livescan / Cardscan).
		f) I	IM Job Interval (min) can be set
		1	to '2'. Note: It will then take
		(oracle five minutes before the
			process starts and the intervals
		I	kick in.
		g) I	New Livescan users must
		(contact Identity 1 Solutions to
		ı	have their Samba share user
		ı	name, password, and
			connectivity established.
		h) 1	Users will need to schedule
		1	time with the SJS support team
		1	for the installation and
		(configuration of the Automove
		ı	utility.
User receives red warnings in		None	e as this is normal behavior.
Livescan / Cardscan on an arrest			
after a Livescan import			

TRACS Importing Issues

<u>Problem</u>	<u>Cause</u>	<u>Solution</u>
When an incident imports from	The incident is imported from	Link the existing person by clicking
TRACS with a person already in SJS,	TRACS it will create the new person	the "Linking Icon" and search for the

instead of using the existing person		son to establish the link by
in SJS.	_	ning in as the Administrator and
	_	ng to Maintenance / User
		nager. This will remove the
		erences to the person already in
		and will now point to the newly sed person from TRACS. Once,
		link is established the officer
		not link again.
SJS and TRACS are not in sync.	a)	Match on the TRACS SJS Open
·	,	Incident # as input by the
		officer on the form AND the ORI
		which is input onto the form
		from the Officers TraCS user
		profile. If both those criteria
		are not met, it then goes to
	b)	Match on the CAD# input by
	,	the officer, on the form with
		one from SJS AND again, the
		ORI. If neither of those is met,
		it creates a new incident.
	c)	Match the SJS External ID in the
	,	Officer View to the TRACS SJS
		ID.
	d)	Use the Reports/Incident Based
	-	Reports/Imported Incidents to
		determine the TRACS imports
		and the incident numbers
		assigned to them
	e)	Reassign incidents as needed to
		correct the omissions detailed
		above that will cause an
		officer's TRACS record not to
		import into their SJS records.
	= -	in SJS. sign goi ma refessJS link the car SJS and TRACS are not in sync. a) b) c) d)

Record Sealing Issues

<u>Problem</u>	<u>Cause</u>	<u>Solution</u>
Trying to seal a local law and received message "Load seal failed, ORA 01438."		At this time, SJS is unable to seal a "Local Law". The user will need to remove the local law and add it to sealing narrative or replace the local law with the state version and then

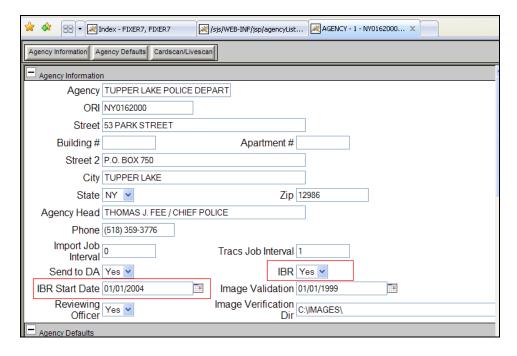
		seal.
Unable to seal a case for Inactive		a) The Agency's administrator will
User. User does not have a 7.0 user		need to make an account in 7.0.
record		b) Link 7.0 account to 6.5 Officer
		record
		c) Edit the officer record and add
		the sealer as a superior officer.
		d) Seal case.
		NOTE: Deactivate the old user
		account at a future date to ensure
		all cases accounted for.
Seal Record was unable to DELETE	User doesn't have the right to	The SJS administrator needs to do
Person(s) from Incident Record –	delete a person master in their User	the following:
secmx_master_name_delete to	Management profile.	a) Sign in as fixer7 / nypti\$123
delete incident record.		b) Click on Maintenance, User
		Manager.
		c) Select the user that will be
		given the ability to delete.
		d) Click on the quick jump button
		labeled 'Master Names'
		e) Check Delete check box and
		save.

4. Incident Based Reporting (IBR) Setup

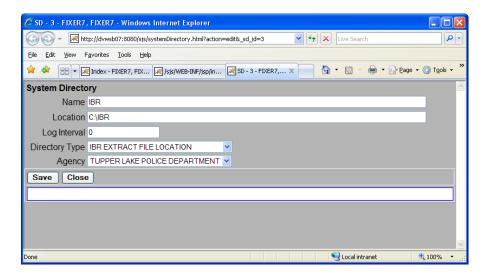
Administrative

Administrative Steps: SJS Administrator (fixer 7)

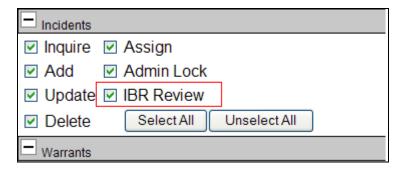
- a) The SJS administrator signs in using fixer 7 / nypti\$123.
- b) The administrator then clicks on Maintenance, Local Customizations, Agency, Edit Agency ensure agency is set up for IBR:
 - 1. "IBR" select "Yes".
 - Enter IBR Start Date: The user will need to contact the IBR support group to obtain this date, by calling the 1-800-262-3257 or sending an email to the group dcjs.dl.ibrsupport@dcjs.ny.gov



- c) Installation Option This step will be to add the directory where the DAT file will be saved.
 - 1. Maintenance/Installation Option/Add System Directory. Ex:



- 2. Navigate to the server and create a folder C:\IBR.
- d) User Manager This step will be to ensure users have permission to enter IBRs.
 - 1. Maintenance / User Manager / Edit User
 - i. Incidents: Check IBR Review for incident level check.



ii. General:

- 1. Check "IBR Process" to create DAT file
- 2. Check "IBR Process Report" to run PDF report for incident checks by date range to ensure error free DAT file creation.



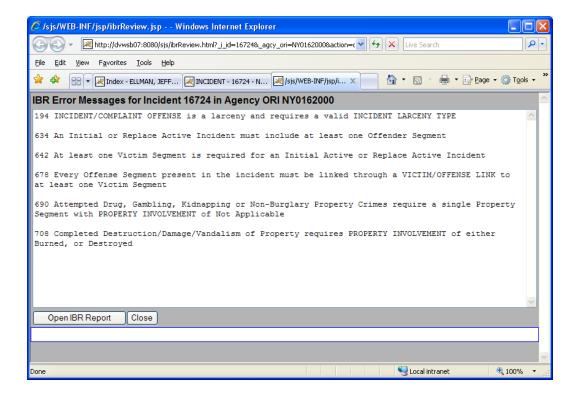
User

How to use IBR

- a) Incident Level Check
 - 1. Click on IBR button on the incident view. If User manager permissions for Incident are not selected, the button will not display:



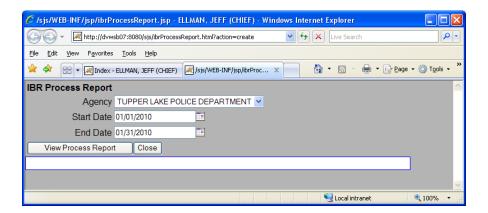
Get incident level report by clicking on the IBR button. Ex:



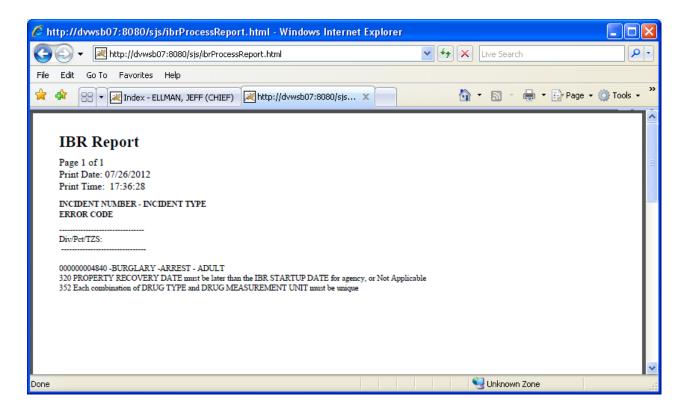
- b) Run IBR Process Report and IBR Process
 - 1. IBR/Process Report validate all incident IBR errors by date range or submission month:



- c) Run IBR Process Report to get PDF of errors by date range- what the agency uses to ensure the DAT file is error free:
 - 1. IBR/Process Report

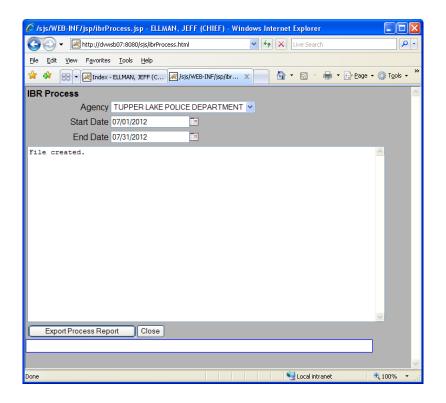


2. Click "View Process Report". Ex: Incident 4840 has IBR errors 320 and 352. Agency corrects errors in report and submits DAT file (enhancement request submitted because this report should include the report criteria from the screen above (1/1-1/31/2010) and not just the print date of 7/26/12 (real simple to code- shameless plug for coding assignments):

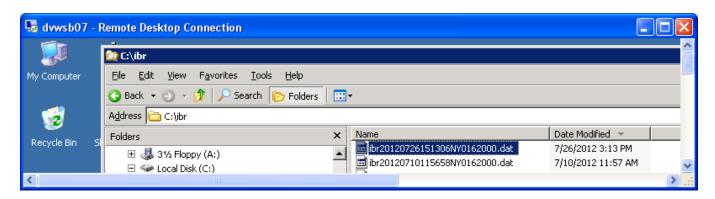


d) Create DAT file

1. IBR/Process. DCJS only wants reports in monthly increments even if UI allows for more:



2. Retrieve DAT file on server. Oracle will not write to a network drive, only its installation drive. Most agencies will share this folder on their server- or will need to directly access it; The DAT file will entail the date and time it was run and the agency ORI. Contents will show the date range criteria. The DAT file will need to be mailed to: infonysibr@dcjs.ny.gov



IBR Errors

<u>Problem</u>	<u>Cause</u>	<u>Solution</u>
IBR Review Errors		If a user receives an error while doing an IBR Review in SJS, please direct them to the following link on the DCJS website. This link will provide the

IDD shows report with your ald	Old IRDs that are not	user with a listing of possible IBR errors, in numerical order. Solution: IBR error message document rewritten in simple language for the user. This information is posted in the DCJS public website. http://www.criminaljustice.state.ny.us/crimnet/ojsa/crimereporting/ibr_ref.htm On that website under the "Reference Material" section, there are two links — IBR Error Detail Listing IBR Data Element Listing. These two links should help the user resolve their IBR error in SJS. If that doesn't work, then they should notify the SJS group for assistance in resolving the error. And, if that doesn't work, then notify the IBR group and they will help them to resolve the error.
IBR shows report with very old errors	Old IBRs that are not within the specified criteria.	Check "IBR Start Date" and confirm with DCJS/IBR Unit that date is correct. If field is blank, enter start date that IBR unit provides and redo the review.
Cannot run IBR and get ORA- 06502: PL/SQL: numeric or value error: character string buffer too small		7.0.7.1 (hot fix), which will be bundled into 7.0.8, release date pending (See System Updates)
Incident with Juvenile arrest renders a blank showing no arrest number	A Juvenile's name is repeated as an alias and therefore not unique.	Delete the duplicate value from the alias.

5. <u>Hardware Issues</u>

Printing Issues

<u>Problem</u>	<u>Cause</u>	<u>Solution</u>
If a PDF file shows alphanumeric algorithms		Install Adobe Reader (<u>www.adobe.com</u>)
Screen turns white when a user prints		User needs to send in backup to DCJS for bug defect analysis and fix
Screen turns grey when a user	User using Adobe 10	a) Revert to Adobe 9.4.b) Uninstall all previous versions of Adobe

prints		products and c) Start with a clean install of just Adobe 10, and then d) Re-install Flash, Shockwave, etc. http://get.adobe.com/reader/otherversions/
Runtime Error when user attempts to print	Microsoft Visual C++ Runtime Library Runtime Error Program: El-Program Files/Internet Explorer/Jeoplore.coe This application has requested the Runtime to terminate it in an unusual way. Please contact the application's support team for more information. OK	The user will need to reset IE. It is necessary to delete the personal settings, which is what is causing the toolbar or add-on conflict. http://support.microsoft.com/kb/822521
When using PDF Complete instead of Adobe Reader, user reported only locked records would print and only report snapshots from the report builder were printing.		Remove PDF Complete and Install Adobe Reader www.adobe.com
Unable to print a section in the SIR	Report permission was NOT selected in the General Tab	The SJS administrator will need to update the user's access by following the steps detailed below: a) Sign in as fixer7 / nypti\$123 b) Click on Maintenance, User Manager. c) Select the user that will be given the ability to Print. d) Click on the quick jump button labeled 'General'. e) Click on the "Reports" check box. f) Click save
User is unable to print an Incident because the user does not have the appropriate access rights. Multi-agency setup will not allow a user to print an incident report that they don't have access to.		The user is not in a boss tree relationship to the record's assignee. If multi-agency, add the agency to the user's user management view's agency section.`

Backup Issues

<u>Problem</u>	<u>Cause</u>	Solution
Issues arise when using SJS 7.0		Change the "sc" command lines in the .bat file to "net".

Backup for Windows 2000.	

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