# Security and Privacy Controls Questionnaire Review – Version 4.1

### **Important Information!**

### **IES Optimal Operating System**

• For optimal use of the Integrated Eligibility System all Agencies should be using Internet Explorer 11. Support will also extend down to IE 10. Older versions of Internet Explorer are not recommended. While other systems besides Internet Explorer (such as Firefox or Chrome) may work with IES, DHS/HFS cannot verify or provide support for other operating systems. Some IES Users have reported decrease in system functionality when using other web browsers.

### What is the SPCQ?



- A questionnaire that serves to outline each Organization/Agency's baseline security and privacy controls as they relate to the Intergovernmental/ Data Agreement (IGA/DSA) contractual requirements to access the Illinois Department of Human Services (IDHS) and Healthcare and Family Services (HFS)data, documents and electronic media.
- This assessment allows our Security Office to determine if your agency is in compliance with Federal and State laws, policies, and audit compliance regarding how IDHS/HFS provides security and privacy of our client's data and personal information.
- An 'Approval' on your SPCQ means that your agency adequately protects IDHS/HFS data.
- An 'Approval' of the SPCQ from our DHS or HFS Security Officer is a requirement for your agency prior to user upload for IES access.

### **General Security Categories**

- Your Agency Policy
- Access
- System Security
- Secure Transmission
- Secure Storage and Data Destruction
- Physical Security



### **Policy and Access Control**

### **Policy**

- Agencies that will be using the Integrated Eligibility System may vary by size from only a few staff to dozens or hundreds of employees.
   Regardless of agency size, all agencies should institute, at least informally, security and privacy policies and procedures.
- Developing and instituting policies will contribute to the protection of your client's Personally Identifiable Information (PII) and Private Health Information (PHI).
- Having policies in place, preferably documented, will also protect your agency should it be audited.

### **Access Control**

- It is important to have policies in place in regards to individual staff access to computer files and folders that might have confidential or sensitive information.
- This again protects your client's information and your agency in the event of an audit.

### **Security and Transmission**

### **System Security**

- This is the protection of computer systems from the theft or damage to the hardware, software, or the information (client data!)on them, as well as from disruption or misdirection of the services they provide.
- Having protections in place such as Virus Protection,
   Spyware or Malware Protection, Intrusion Detection and a Firewall all help to protect client data.

### **Secure Transmission**

- When data is transmitted from one system to another, there is a risk that the data can be intercepted or viewed.
- There are several ways to assure secure transmission and protection of PII and PHI data.
- Your system or internet connection may already have some protections in place.

# General Guidelines to Protect your Accounts

With a few **simple steps**, you can help protect your accounts and personal information from fake emails and web sites:

- Delete suspicious emails without opening them.
- Do not open any attachments or click on any links the suspicious email may contain.
- Do not release any emails in the quarantine list unless you know they are legitimate.
- Use caution when visiting un-trusted web sites.
- Install and regularly update virus protection software.
- Keep your computer operating system and web browser current.

### **Secure Storage**

- Once you have used your client's information, it is still important to think about continued safety of your client's PII and PHI.
- Client's data should be secured whether you have electronic files or physical file storage.
- Keep security in mind when it comes to destruction of client data as well!
- Access to this client data should be limited and client data should be protected from start to finish.
- Password Protecting/Encrypting files in Microsoft Windows:
  - <a href="https://www.computerhope.com/issues/ch000705.htm">https://www.computerhope.com/issues/ch000705.htm</a>

### **Mandatory Security Controls**

- Password Management
- Patch Management
- Virus Protection
- Security Controls
- Wireless Access Requirements
- System Log Review
- Encryption for Electronic Storage of DHS/HFS Data Best Practice!
- Visitor Log or Visitor Escort (if printing/storing Data)
- Training
- Contract Submission for IT/Shredding Vendor



### **Password Management**

You must have security measures in place for managing individual user passwords at your agency. Industry Best Practice recommends the following:

- Reset passwords: 30/60/90 days
- Disable an account after 60 of days of inactivity
- Delete accounts after 90 days of inactivity
- Review accounts annually
- Password criteria: Minimum of 8 characters in length and at least 3 of the following:
  - Uppercase, lowercase, number, special character.
- 3 login in attempts before lock out
- Applications/session termination after 15 minutes of inactivity
- https://docs.microsoft.com/en-us/windows/security/threatprotection/security-policy-settings/password-policy

### **Patch Management**

- This is a strategy for managing 'patches' or upgrades for software applications and technologies that keep a system/computer safe, secure and working properly.
- For small organization/agencies not on a centralized server and on Windows based computers, the Windows Automatic Updates are typically adequate for your needs.
- If your system automatically updates (you will see this as notification messages) you can answer this question with a "Yes" and explain under "Additional Information".
- You may also reference the link provided for additional Patch Management Programs.
  - http://www.windowsecurity.com/software/Patch-Management/

### **Virus Protection and Security Controls**

- Virus Protection: Shields your system/computer from Internet security threats that could corrupt your system, destroy data and 'crash' your system. Further explanation and a list of possible free tools are located here:
- http://www/windowsecurity.com/software/Patch-Management/
- Security Controls: Safeguards or countermeasures to avoid, detect, or minimize security risks to your computer system that must be periodically tested. Lists of possible free tools are located at
- <a href="http://www.networkworld.com/article/2176429/security/security-6-free-network-vulnerability-scanners.html">http://www.networkworld.com/article/2176429/security/security-6-free-network-vulnerability-scanners.html</a>
- or google: network vulnerability tools.

### Wireless Access Network (WAN)

If your staff are accessing the Internet thorough a wireless connection it must be:

- FIPS 140-2 compliant
- Utilize guidelines specified in NIST 800-53, Securing
   Wireless Area Networks

You can determine this information through inquiry with your wireless provider and they should be able to provide you with a print-out of specifications.

### **System Log Review**

- This 'log' will contain errors, warnings, and informational events captured by your security controls and operating system. This log must be periodically reviewed for security related events.
- Small Organizations/Agencies with limited computers not connected to a central server, should go to <a href="https://technet.microsoft.com/en-us/library/cc731826(v=ws.11).aspx">https://technet.microsoft.com/en-us/library/cc731826(v=ws.11).aspx</a> for more information on how to review security logs on Windows based computers.



### **Data Encryption**

- When sending PII, PHI and Social Security Numbers via fax or email you
  must use encryption.
- If you will store DHS/HFS Data electronically, these files must be encrypted.
- You should never include a client's entire SSN in emails or standard mail only use last 4 numbers!
- Below links should assist you in determining if encryption is enabled on your system:
  - <a href="https://its.yale.edu/how-to/article-how-determine-if-your-computer-encrypted-filevault-mac-or-bitlocker-pc">https://its.yale.edu/how-to/article-how-determine-if-your-computer-encrypted-filevault-mac-or-bitlocker-pc</a>
  - <a href="https://it.ucsf.edu/how\_do/how-determine-your-computer-encryption-status">https://it.ucsf.edu/how\_do/how-determine-your-computer-encryption-status</a>
- Hardware or software manufacturers should also be able to tell you if their product is FIPS certified.

### **Visitor Log or Visitor Escort**

- This is a physical log that must be kept at your agency to record information on anyone (non-employees, or persons not authorized to access IDHS Data) entering the building (or your particular area/office in the building).
- Example of data that should be captured would be name, date, time and reason for visit
- Logs should be saved and secured for a specified length of time
- If a Visitor Log is not kept, visitors should be escorted while in the private areas of the building

# Mandatory Training and Paperwork file for all IES Users

- State or other government picture ID (including Driver's License, State ID, Passport, etc.)
- Signed Confidentiality Agreement
- HIPAA Training and Attestation
- Security Awareness Training and Attestation
- Training Modules, Confidentiality Agreement and Attestations are available here:
  - http://www.dhs.state.il.us/page.aspx?item=76603

### **IT Contractors**

- If you utilize an IT Vendor for any of the following you must submit a signed copy of a current contract with appropriate confidentiality language:
  - Computer/Server Maintenance
  - Data Backup
  - Access to your computers, servers or computer network equipment
  - Provide your usernames/passwords

### **Other External Vendors**

 If you utilize any other vendors that may have access to IDHS data such as; a company that shreds your documents, a company that manages your Data Back-Ups, or an off-site storage facility, you MUST submit a signed copy of a current contract with appropriate confidentiality language.

All contracts submitted must be signed, current, and included confidentiality language!

# Completing the IDHS/HFS Security and Privacy Controls Questionnaire (SPCQ)

### Tips and Hints to Completing the SPCQ

- Answer ALL required questions! Missing information on the form or leaving a required security question unanswered will result in the SPCQ being sent back to your agency for further revision! For your convenience, all required security controls are outlined in red.
- If none of the boxes within a subsection apply for your agency, use the "Additional Information" box to tell us how you fulfill requirements for that section.

### **Formatting Workarounds:**

- When you print your document, some of the 'Additional Information' you typed in the narrative box may be cut off. If necessary, please insert additional pages that allow you to provide detailed explanations.
- You should include your detailed responses directly after the page where you would have entered the information. Be sure to state the Heading/Section/Question and page you're referencing.

### Section 1: General Information

My contact information

Please remember these are just EXAMPLES! You must customize this with information your agency NEEDS to access! ACID and ANQR screens have not been updated since 10/20/17 and will only serve as historical data. KIDS screens contain PHI and we do not routinely grant access to this data.

1.1: CONTACT INFORMATION TABI	LE		
Contact First Name:	Contact Last Name:		
Margaret	Dunne		
Email Address:	Job Function/Title:		
margaret.dunne@illinois.gov	IES Implementation/PACIS Migration		
Street Address:			
401 S. Clinton			
City:	State/Providence:		
Chicago	IL		
Zip Code:	Telephone Number:		
60607	(312) 793-5782		
1.2: ORGANIZATION/AGENCY TYPE (S	ELECT BELOW OR PROVIDE TYPE IN "OTHER")		
State Agency: Provider: •	Contracted State Organization:		
Other (Please Specify):			
1.3: APPLICATION/SYSTEM ACCESSING (PLEASE SELECT OR IF NOT LISTED, PROVIDE APPLICATION/SYSTEM NAME)			
Please select the application/system for which the DSA covers from the drop down below. "Primary" refers to the main or only system listed in the DSA. "Secondary" systems must also be listed in the DSA. Not all DSA's include a Secondary application/system.			
Primary Application/System	Secondary Application/System (if applicable)		
Integrated Eligibility System (IES)	PACIS - ACID		
Additional Application/System access or Additional Information:			
Also will access PACIS - ANQR and KIDS			

# Section 2.1 and 2.2: What will you see and how will you use it?

These all represent different types of data access; you need to be sure about how your agency will view/use the system(s) and HFS/DHS Data. How you answer this question will impact later answers.

### 2.1: PLEASE SELECT THE TYPE(S) OF IDHS SYSTEM/DATA TO BE VIEWED BY YOUR ORGANIZATION.

- ✓ Personally Identifiable Information (PII)
   ✓ Social Security Numbers
   Medical Records/Personal Health Information (PHI)

  Federal Tax Information
  - Other Data Type (please specify):

Users with Limited Access security role will not see SSN – talk to your DHS/HFS Liaison if you are not sure what information you will see. FTI is not available in IES.

### 2.2: HOW YOUR ORGANIZATION WILL BE INTERACTING WITH IDHS SYSTEMS/DATA (Only one can be selected. Please read each carefull)

**SYSTEMS/DATA** (Only one can be selected. Please read each carefully before selecting the appropriate choice)

- SEND ORG ONLY:
  - Upload/send Organizational information only. Once Organization data is uploaded, Organization can no longer access data in the IDHS system/data source. No IDHS or uploaded Organization data is accessed, viewed, downloaded, printed, or stored.
- Organization's data is sent to IDHS system/data source and only Organization data is received by or accessible to the Organization. No IDHS Data is viewed, accessed, or stored.

- READ IDHS ONLY: Accessing/
  Reading IDHS system/data only; No download, printing or storage of IDHS Data or input of Organization's data.
- READ and RECIEVE IDHS ONLY:
  Accessing/Reading IDHS system/
  data and download, print, or store
  IDHS Data (electronic and/or
  paper), however no input of
  Organization's data into the IDHS
  System.
  - Organization can access IDHS
    System/Data. Can download, store
    IDHS Data for use in Organization.
    Organization can input
    Organization data into IDHS system/
    data source.

Section 2.3:
Why will you
access the
Data? You may
have multiple
reasons.

Section 2.4: IES will be accessed via Secure Web, PACIS via Mainframe

2.3: HOW WILL YOUR ORGA	NIZATION USE AND MAINTAIN IE	OHS DATA	
IDHS Data will be used to:			
Determine Eligibility in	DHS Program(s).		
Determine Eligibility in	Organization's Program(s).		
Determine Eligibility in	State Program(s) and Organization	's Program(s).	
Match IDHS Data to O	Match IDHS Data to Organization's data.		
IDHS Data used to conduct State approved research or study.			
Organizational reporting	ng purposes only.		
Other (Please Specify)			
2.4: HOW WILL YOUR ORGANIZATION ACCESS OR TRANSFER INFORMATION TO THE IDHS SYSTEM/DATA SOURCE			
Secure Electronic Transfer	Method (select one if applicable):		
Tumbleweed:	ConnectDirect:	Email:	
Virtual Private Network	Mainframe Access:	Fax:	
(VPN): State Move-It Process or oth Secure File Transfer Protocol (SFTP) Utility:		<b>Note:</b> FTI cannot be faxed	
Non-Electronic Transfer Method (select one if applicable):			
Postal Mail:	Hand Delivery:		
CD/DVD USB (Flash/Thumb Drive) Hardcopy (Paper)	USB (Flash/Thumb Drive)  Hardcopy (Paper)		

2.5: Most external agencies will access IES via an external.illinois.gov account. A few **state** entities will use sps accounts and other **state** agencies will use their illinois.gov account. Your DHS/HFS Liaison will be able to help you if you are unsure. PACIS Access will be via a

2.6: Self explanatory, but make sure this matches what you told us in Section 2.2!

RACF Account.

### 2.5: WHAT TYPE OF ACCESS ACCOUNT WILL BE REQUIRED TO ACCESS IDHS SYSTEM/DATA This information should be available from the IDHS Program Point of Contact assisting with the development of the DSA. External Illinois.gov (External) RACF/BlueZone (Mainframe Access only) Organizations/Agencies Public Illinois.gov (general Application specific ID (ID only public use) exists in a specific program or application) Not Applicable: Not accessing or viewing IDHS systems/data 2.6: IDHS DATA STORAGE Organization is NOT storing Organization is storing IDHS IDHS Data (neither paper nor Data. Must complete this electronic). Go To Section 3 Section. 2.6.1: If yes, in what form is the data being stored: Electronic and Paper. Complete all questions, then proceed to Section 3. Electronic Only (saved to computer, servers, etc.). Complete 2.6.2 thru 2.6.4, then proceed to Section 3. Paper (Hardcopy) Only. Complete 2.6.2, 2.6.3 and 2.6.5, then proceed to Section 3. 2.6.2: IDHS Data (electronic or paper) is stored (select one): Separately Commingled (If selected, answer the below question). IDHS data can be separated easily for return/destruction of IDHS data.

Make sure this information agrees with information reported in 2.2 and 2.6!

2.6.3: Where is IDHS Data stored (paper or electronic):		
On-site at Organization		
Off-site at:		
Organization Data Center/Facility.		
Vendor's Data Center/Facility.		
*Cloud Storage: Must be FedRAMP Certified.		
Verification of FedRAMP Certification is included.		
2.6.4: Storage of electronic IDHS Data:		
IDHS electronic data will NOT be backed up. Go to Section 3.		
IDHS electronic data <u>will be backed up regularly</u> . <b>Complete 2.6.4.1.</b> questions.		
2.6.4.1: IDHS electronic data will be backed up to:	Remember! This is only in	
Virtual Machines	reference to	
Tape/Disk	HFS/DHS Data!	
USB/Thumb Drive		
USB drive is stored in secure location with limited access.		
IDHS PHI/SSN Data is stored on encrypted USB/Thumb Drive.		
Additional Information/Other (please specify):		

12/17/2018

Developing and instituting
Security and
Privacy Policies
will contribute to the protection of your client's
Personally
Identifiable
Information (PII) and Private
Health
Information (PHI).

Having policies in place, preferably documented, will also protect your agency should it be audited.

### SECTION 3: ORGANIZATION SECURITY, POLICIES AND STANDARDS

For each subsection, check any/all boxes that describe your Organization security. If none apply, please give us more information in "Additional Information" text box. If additional space is needed, please attach to the SPCQ.

3.1: <b>O</b>	RGANIZATIONAL SECURITY		
	Organization has a designated, internal Information Technology Department that handles all IT and security related activities.		
	Organization has designated, internal Information Security Department that handles all IT security functions, compliance and auditing.		
	Small organization with Executive/Management oversight on all IT and Office functions. No internal IT department or personnel.		
	Outside IT Vendor handles Organizational's IT and IT Security functions.  NOTE: Signed contract/confidentiality agreement must be submitted.  See Page 2 for more information.		
	Additional Information/Other:		
3.2: ORGANIZATION SECURITY AND PRIVACY POLICIES			
	IT security strategy document that details Organization's security vision, mission statement, and Security Management Structure.		
	Written security and privacy policy is published and available to all users, contractors and all concerned parties. Policies include Internet Usage, Acceptable Use and Email Use.		
	(cont. next page)		
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If you are not able to check any of the boxes in 3.2, tell us how you implement security and privacy policies

ALL IES users will see PII and PHI

3.2: ORGANIZATION SECURITY AND PRIVACY POLICIES	
IT security strategy document that details Organization's security vision, mission statement, and Security Management Structure.	
Written security and privacy policy is published and available to all users, contractors and all concerned parties. Policies include Internet Usage, Acceptable Use and Email Use.  (cont. next page)	
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Additional Information/Other:	
If Organization is accessing/viewing IDHS PII/PHI:	
Organizational Users have/will have undergone a security and privacy awareness-training program and annually thereafter per the DSA.	
Organizational Users are aware of their personal liability and any potential ramifications if they aid, abet, or participate in a data breach incident involving the organization.	

### Section 4.1

SECTION 4: ORGANIZATION ACCESS CONTROL		
This section applies to how your Organization/Agency provides of Organization's computers/network.	This is generally	upon
4.1: ACCESS CONTROL	new hire	
There is a documented process in place to approve new accounts and modify user privileges.  User privileges are based upon job function or assigned the network.	employee separatio	n but
User privileges are revoked in a timely basis.	employee	
User access/privileges are reviewed at least annually.	roles/res bilities cl	•
Background checks are conducted for employees/cont  Additional Information/Other:	tractors.	28

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### Section 4.2

4.2: OR	GANIZATION ACCOUNT MANAGEMENT
and pa and pa	rd management is a REQUIREMENT for accessing IDHS data. A username ssword MUST be established on all computer/workstations. The account ssword must have some standards established in regards to password on, length, etc.
Orgo	anization enforces a password management process:
	Unique username and password for user authentication is required.
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ILLINOIS	DEPARTMENT OF HUMAN SERVICES
ILLINOIS	DEPARTMENT OF HUMAN SERVICES  Accounts configured to require password changes after set amount of time, example: every 60 days.
ILLINOIS	Accounts configured to require password changes after set amount of
ILLINOIS	Accounts configured to require password changes after set amount of time, example: every 60 days.  Accounts configured to disable or delete after a set amount of time,

Additional Information/Other:

User
Identity
Verification
generally
happens
upon new
hire

### Required!

## 4.3: ORGANIZATION'S ACKNOWLEDGEMENT OF REQUIRED USER DOCUMENTATION AND TRAINING

Each Authorized User of an IDHS system/data must:

- Sign a Confidentiality Statement.
- Complete annual Computer Security Awareness Training.
- Complete annual Health Insurance Portability and Accountability Act (HIPAA) for accessing Protected Health Information. (if applicable).

Retain employee training documentation and signed Confidentiality Statements for audit review.

Your
wireless
provider
should be
able to tell
you if your
system is
FIPS
compliant

SECTION 5: ORGANIZATION'S SYSTEM AND NETWORK SECURITY
Organization uses a wireless network for accessing/viewing IDHS system/data.
Wireless network is secured/encrypted in accordance with Federal Information Processing Standards (FIPS) 140-2, an example: utilizing WPA/WPA2.
Remote accessing of organization's network is only through a Virtual Private Network (VPN).
Organization performs patch management on systems/network.
Reset Page

Patch Management is a **REQUIREMENT** for accessing IDHS data. For small organization/agencies not on a centralized server and on Windows based computers, the Windows Automatic Updates are typically adequate for your needs. However, free patch management tools are available. IDHS does not endorse or recommend the following specific tools, however, a list of possible tools are located at <a href="http://www.windowsecurity.com/software/Patch-Management/">http://www.windowsecurity.com/software/Patch-Management/</a> or google: patch management tools.

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ILLINOIS DEPARTMENT OF HUMAN SERVICES		
Operating system (Windows/Mac Updates), software and network patches are applied within an acceptable time frames.		
Virus protection/detection applied on applicable software/equipment.		
Virus definition files are up to date.		
Email attachments, internet downloads and other potentially malicious extensions (i.eexe, .zip, etc.) are pre-screened for viruse		
Additional Information/Other:		

### SECTION 7: SECURITY CONTROL TESTING AND SYSTEM COMPLIANCE

For small organizations/agencies, with limited computers, not connected to a central server, go to: <a href="https://technet.microsoft.com/en-us/library/cc731826(v=ws.11).aspx">https://technet.microsoft.com/en-us/library/cc731826(v=ws.11).aspx</a> for more information on how to review security logs on Windows based computers

## SECTION 8: SECURITY INCIDENT HANDLING AND REPORTING AND AUDIT COMPLIANCE

### ACKNOWLEGMENT IN REGARDS TO IDHS SYSTEM/DATA Organization/Agency has/will have appropriate procedures in place to report security or privacy incidents (unauthorized disclo or use involving PII/PHI, or suspected incidents involving IDHS system/data. Organization will promptly report incidents involving IDHS data to Security Contacts listed in the SPCQ immediately or within 24 hou of incident discovery. See DSA for specific information to be reported. Organization acknowledges that IDHS reserves the right to audit Agency or make other provisions to ensure that the Organization maintaining adequate safeguards to secure the IDHS information The Organization understands that audits ensure that the security policies, practices and procedures required by IDHS are in place within the Organization. Organization will maintain records (confidentiality statements, training records, Authorized User lists, etc.) in relation to the Data Sharing Agreement for three (3 years unless otherwise stated in the

DSA.

These are mandatory requirements in compliance with your DSA/IGA with DHS or HFS. Please read and make sure you understand your obligation to track and report any security incidents as well as comply with audit requests.

#### SECTION 10: ORGANIZATIONAL SIGNATURES

Almost

Done!

I acknowledge that I've been presented and reviewed the responses laid out in the Security and Privacy Questionnaire as part of the IDHS Data Sharing Agreement (DSA) contractual requirements. I understand that I must meet the technical, administrative, and physical controls regarding security and privacy for the data/system type and category of data covered in the DSA as required by federal, state, and IDHS statutes, regulations, and policies. I further understand that if there are changes to my IT environment that may affect the security and privacy controls reported herein that they must be reported to the IDHS CISO for evaluation to ensure continued compliancy with the standards and requirements outlined in the DSA.

Dan and	and requirements outlined in the DSA.		
Pen and nk —	——————————————————————————————————————		
signature	Disclosure Officer Signature (Individual who	Date:	
are	completed this form).		
equired.			
_	Print Disclosure Officer Name		
	No. NO.		
	Organization Executive Officer Signature	Date:	

Print Organization Executive Officer Name

### **REMEMBER!**



- This Questionnaire is an annual requirement of the IGA/DSA your Agency has with DHS or HFS. You will be given a copy of the final, approved SPCQ to maintain for your records. Each year, you will be required to resubmit the SPCQ.
- You may use the previous year's report and replace the first page and signature page if there have been no changes to your security and privacy measures.
- A new SPCQ is required if:
  - changes have occurred over the year
  - A new version of the SPCQ has been published
- Yearly resubmissions should include a cover sheet stating 'No Change' or a Summary of what changes have occurred.

### Questions?



- SPCQ Assistance: Your Division Liaison or <u>Margaret.Dunne@illinois.gov</u>
- IES Access and Support Page: <a href="http://www.dhs.state.il.us/page.aspx?item=76603">http://www.dhs.state.il.us/page.aspx?item=76603</a>