

Security
Centre of
Excellence

SCoE-CEES

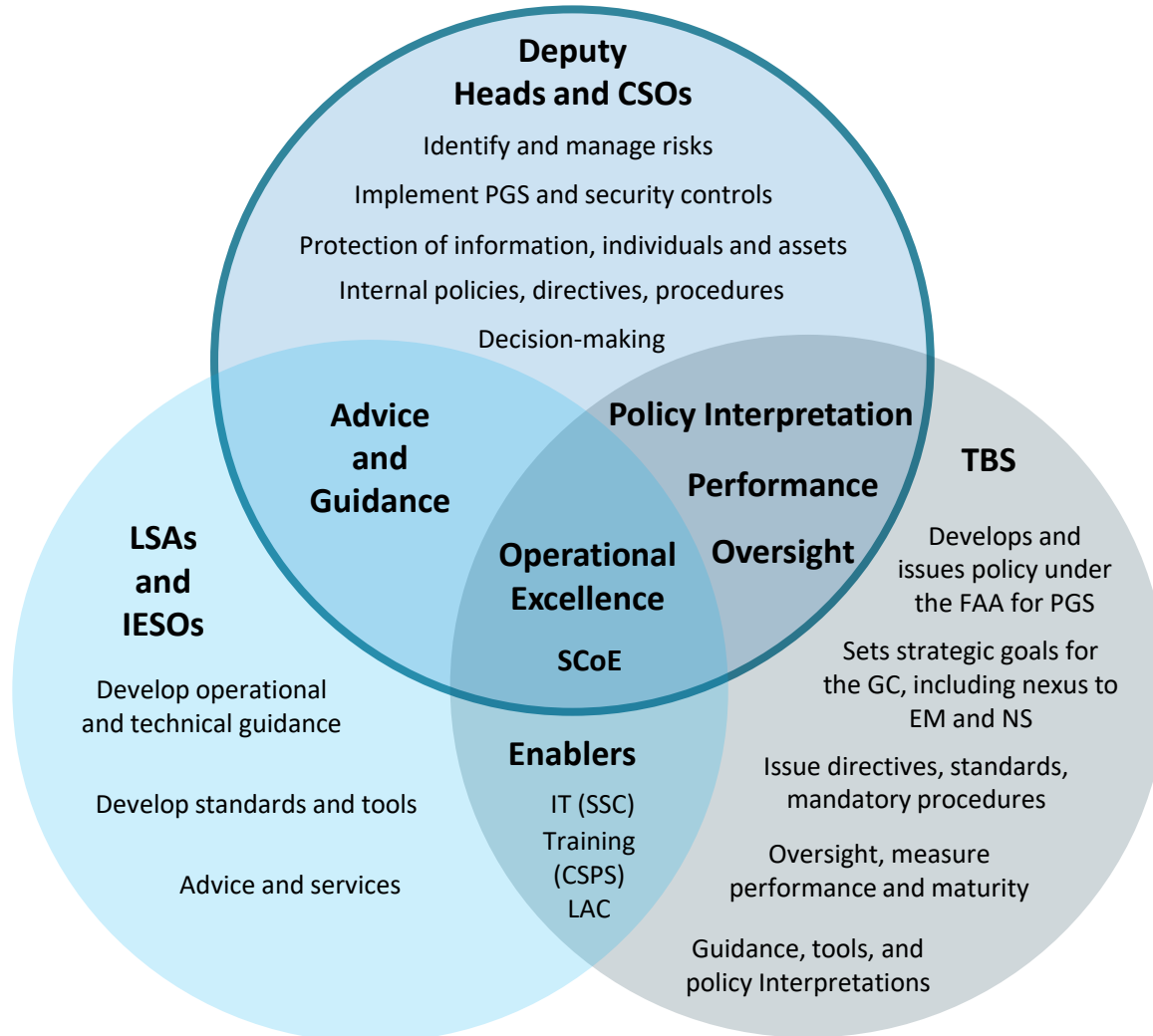
Centre
d'excellence
en sécurité

A look at the role of the SCoE

Background and context

- The SCoE, formerly known as the DSO Centre for Development (CfD), has been in operation since 2012
- Its mandate was renewed in 2022 by the National Security and Intelligence Advisor (NSIA) to the Prime Minister for 5 additional years
- Mission: To lead the development of a knowledgeable, resilient and integrated security community across the Government of Canada (GC)
- Housed in PCO, the SCoE supports:
 - GC Chief Security Officers (CSO) and a community comprised of approximately 3500 security officials
 - NSIA's role as the Champion of Government Security
 - LSAs mandate in the provision of agile operational guidance and the delivery of learning/networking events, including PCO's LSA role for Readiness through the design and facilitation of various exercises
 - Broader Security and Intelligence information sharing and GC response objectives

Strength of the SCoE



- At the heart of community, the SCoE acts on behalf of departments as a catalyst and surge capacity to tackle their operational needs
- As functional lead, it draws from all the resources available to develop tools and innovative solutions that have been vetted by LSAs and TBS
- Being housed at PCO, the SCoE offers a unique perspective on security challenges
- It has a strong governance in place that enables it to achieve results and add value
- It is forward-thinking, going beyond existing policies
- It is agile and has demonstrated capacity to deliver meaningful work in short periods of time

Excellence in Security: #Ready and Prepared

Strategic Objectives

People

Strengthen human capital through education, exercise, training and mentoring, and sustain a capable and learning security workforce, able to mitigate known and emerging risks



Community

Establish a centralized « Community Centre » where security practitioners can build or enhance their networks through information sharing and collaboration to support government-wide security readiness;

Knowledge

Leverage collective understanding of Canada's security landscape to support and improve government-wide resilience.

Operational Excellence

PCO is responsible for the oversight of the SCoE **administrative activities & expenditures**

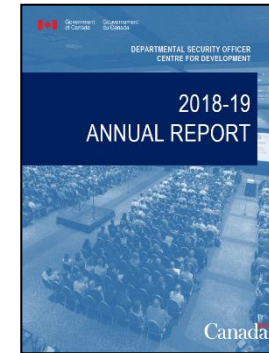
Governance via a Board of Management comprised of 6 CSO's representative approving priorities, work plans and annual reports, and a Board of Directors comprised of 4 LSA representatives who provide strategic direction

Budget of approximately 1,5M\$/FY via 92 MoUs

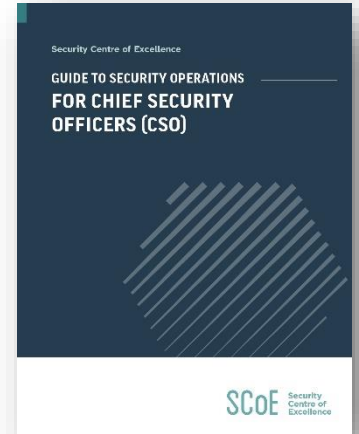
- 30K for large organizations (over 5,000 employees)
- 20K for medium organizations (1,000 to 5,000 employees)
- 10K for small organizations (100 to 1,000 employees)
- 5K for micro organizations (less than 100 employees)

Results-based organization where performance is measured regularly and targets set. The community is very satisfied with the services, the value for money and return on investment. They has been significant growth in all services

Operate with a mixed **human resources management strategy** (indeterminate, secondment and term employees) to ensure that the organization remains relatively small and adapts to changes to security priorities, while staying within the level of funding provided by the community



For the whole community



Recruits

- Reviewing curriculum
- Cooperating with PSC
- Creating meeting ground (speed networking, career fair, etc.)

YSP

- Networking
- Learning activities
- Showcasing their work

Security leaders

- Continuous learning
- Providing tools
- Offering guidance

CSO

- Orientation session
- CSO Guide to Security Operation
- Offering advice

Supporting operations with advice and guidance

Equipping community with knowledge

REQUEST PROCESS

Requests are submitted to the Centre

- ▶ Requests are received via various sources:
 - ▶ Emails
 - ▶ Phone calls
 - ▶ In person meetings (Outreach, Events, etc.)
- ▶ Requests are logged into a tracker with metadata:
 - ▶ Name of requester
 - ▶ Name of organization
 - ▶ Date received
 - ▶ Summary of request
 - ▶ Relevant security control or other
 - ▶ Name of SCoE responder
 - ▶ Follow up required Y/N

VALIDATION PROCESS

Requests are validated to ensure the scope and nature is well understood

- ▶ Requesters are contacted to validate their needs and expectations
- ▶ Scope and nature criteria assist the Research & Analysis Process:
 - ▶ Organization sizes
 - ▶ Organization business lines
 - ▶ Timelines and priorities
 - ▶ National VS organizational components
 - ▶ Nature (sharing existing material VS development of new material)
- ▶ Requests outside of SCoE mandate are relayed to the appropriate authority (CLEL, LSA, etc...)
- ▶ Agreement on the way forward with the requester (if needed)

RESEARCH & ANALYSIS PROCESS

Research and analysis is conducted to gather and share relevant and up-to-date information

- ▶ Research is initiated internally using various sources:
 - ▶ SCoE tracker
 - ▶ SCoE shared drives
 - ▶ PCO InfoXpress, GCdocs, InfoNet
 - ▶ PCO library
 - ▶ GC tools (GCconnex, GCcollab, GCpedia, GCintranet...)
- ▶ Research is initiated externally using various sources:
 - ▶ Open sources
 - ▶ Shared GC resources
 - ▶ Other non-GC sites/collections (Conference Board of Canada, etc.)
- ▶ Communication and exchange of information with stakeholder(s) is initiated with:
 - ▶ LSAs
 - ▶ IESOs
 - ▶ Enablers
 - ▶ Other SMEs
- ▶ Material collected is reviewed and analysed to ensure proper links with the request are made and expectations are met
- ▶ Relevant material to be used is set aside
 - ▶ Proposed response drafted and reviewed internally
 - ▶ External review conducted (if necessary)

RESPONSE PROCESS

Requester is provided with a response to their inquiry(ies)

- ▶ Response is sent to the requester by email
- ▶ Other individuals are copied on or informed of the response
- ▶ If necessary:
 - ▶ Further review or research with other authorities can be made and are offered to the requester
 - ▶ Information may need to be shared with other stakeholders
- ▶ Response is attached to the SCoE tracker
- ▶ Feedback process is available to obtain comments from the requester

REPORTING PROCESS

Statistics & trends are available and used to shape future projects and learning events

- ▶ Graphics & reports
 - ▶ Are created based on SCoE tracker
 - ▶ Are shared with the Board of Management
- ▶ High level graphics are shared through the SCoE Annual Report, distributed to the GC Security Community
- ▶ Statistics and trends are captured in the SCoE work plan and used to discuss future events and projects based on the SCoE Strategic Plan

GC Security Summit

- Annual marquis learning event free of charge for the GC Security Community members
- Adapted since onset of the pandemic to a completely virtual experience



2021 GC VIRTUAL SECURITY SUMMIT

Security: Going the Distance

May 17 – 20, 2021

**Sommet virtuel sur la sécurité
du GC de 2021**

La sécurité : le cœur à l'ouvrage

Du 17 au 20 mai 2021

Speaker Series

- Free of charge to members of the Security Centre of Excellence
- Topically timely conference from experts in their field
- Three times a year

Impacts of Covid-19 on the Security Landscape, looking through a Futures Glass



Privy Council Office



Recovery and Preparing for the 'New Normal'

- Easing of Workplace Restrictions – Making it a Success from the Security Perspective
- Understanding and Managing Security Risks in Virtual Collaboration Tools
- Recovery and Preparing for the 'New Normal' - Key Considerations and Priorities for the Security Community
- Fraud - A Perspective for the Security Community

Exercise Metropolitan Mayhem



- Designed and facilitated GC wide exercise resulting in 45 organizations and 500 employees simultaneously participating in TTX within their organization
- Tested BCP knowledge and response to large events impacting the GC
- Tested the Significant Event Information Sharing Protocol
- Scenario involved an earthquake

Other Exercises

Chaos in the City



Capital Shakedown

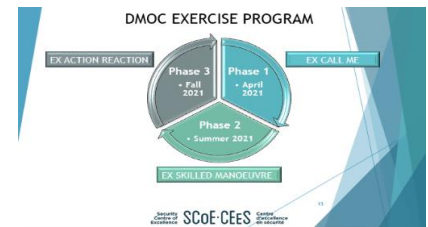
CAPITAL SHAKEDOWN PURPOSE

- Address various aspects of an incident
- Focus on roles, responsibilities and exchange of information
- Focus is on plans, procedures and policies **NOT PEOPLE**

Ready and Prepared?

WHO WANTS TO BE
READY AND PREPARED
A LOCKDOWN AND SHELTER-IN-PLACE EXERCISE

DMOC TTX

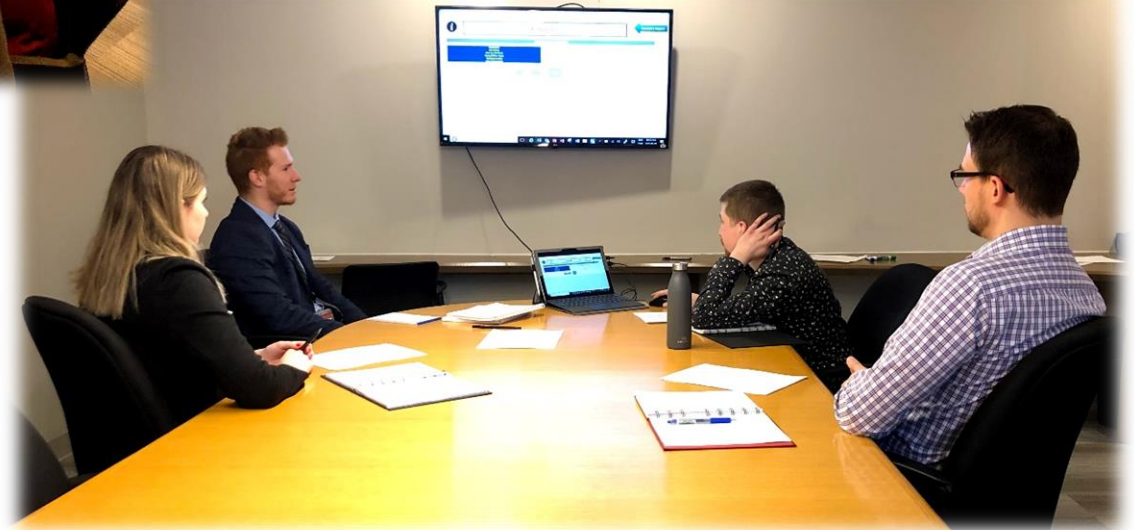


Young Security Professionals



- Network of young security professionals
- SCoE chair
- Three activities per year

*Discovering new talent
Increasing connections
Sharing knowledge
Innovating & Learning*



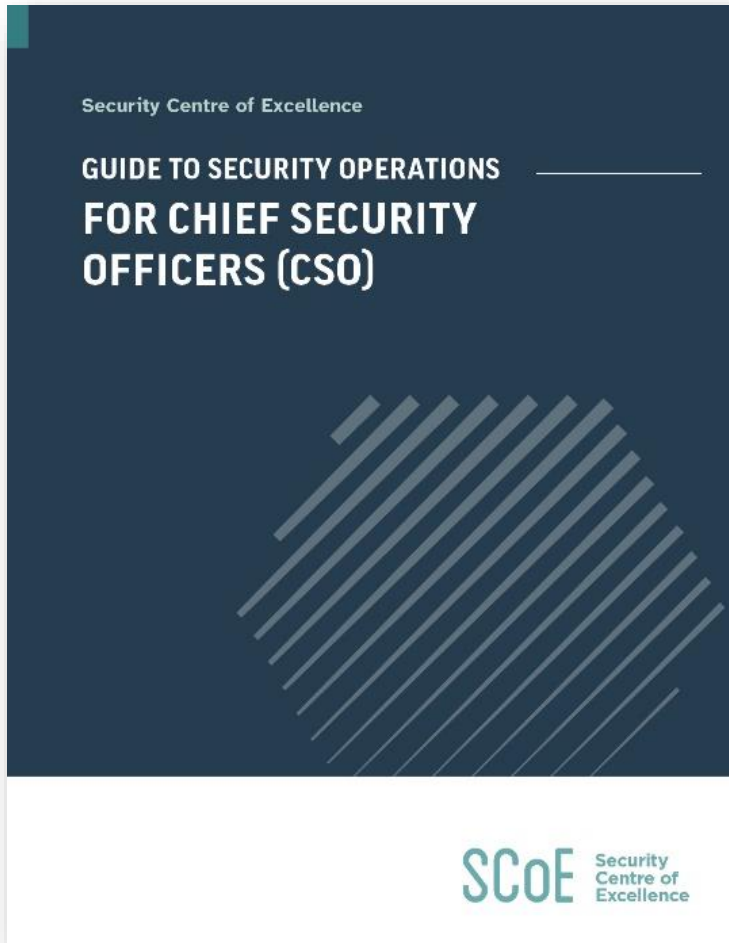
Recruitment Activities

- Bringing security hiring managers and students in the field together
- Supporting the GC security community to grow
- Facilitating discovery of new talent



Managers find high number of new talents for considerably less time and energy

CSO Guide to Security Operations



- Completed the review of the Departmental Security Officer Handbook developed in 2015 to align with new Policy on Government Security
- Conducted interviews with experienced & newly appointed CSOs to obtain advice
- Consulted LSAs and IESO on content

Delivering important community initiatives In collaboration with partners



Initiate

Identify trends and needs for the GC Security Community based on statistics, inquiries, surveys and GC priorities



Plan

Secure funding, create a plan (activities & timelines) and conceptualize the material needed, aligned with all relevant GC Policies and Guidelines



Execute

Draft material, conduct reviews and pilot with Subject Matter Experts in the GC Security Community and consult with Lead Security Agencies



Monitor

Track project progress and level of effort, ensure timelines are met and milestones are reached



Close

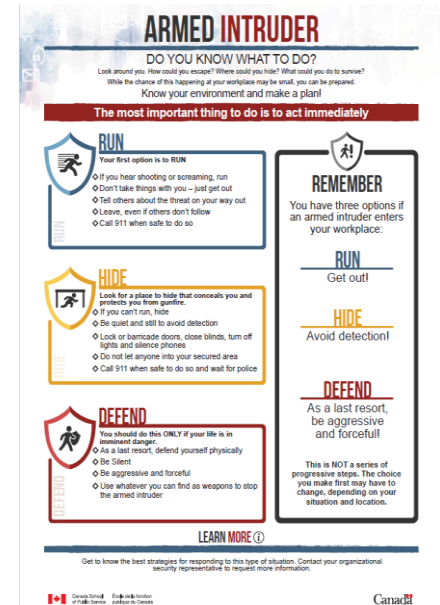
Promote the developed material in committees, at events and on GC Tools, update material and respond to inquiries from the GC Security Community

ANNEX

Examples of community initiatives

GC Armed Intruder Training Package

- Within 6 months of request, delivered a complete training package and briefing material for senior management and employees, including a Canadian GC video
- Plan presented to DSORC where community agreed to use common terminology
- Launched at the 2018 GC Security Summit by the NSIA, a year before new TBS BEET requiring annual exercises
- Included in CSPA security awareness course for all GC employees
- Not made available to the public but shared with other levels of government and academia upon request (Provinces/Municipalities/Universities)
- Key partners: RCMP, OCHRO, IRCC, GAC, CRA and Justice

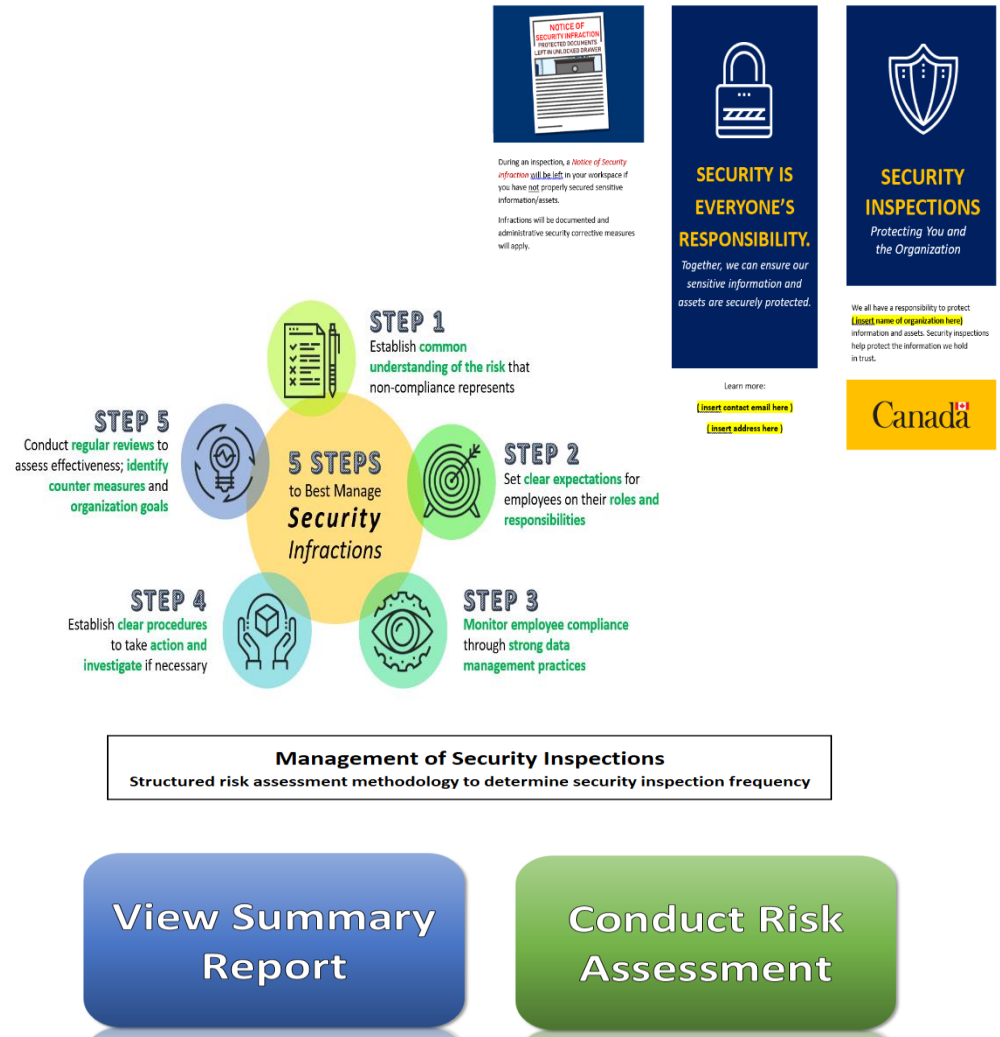


INCREASED AWARENESS: ARMED INTRUDER VIDEO



Security Infractions Management Toolkit

- Tasked by the Clerk to develop consistent GC approach
- Conducted review of GC practices and presented key findings to DSORC
- Delivered a complete package that covers how to build/change security culture and engage employees of all levels on risks, from on-boarding to corrective measures
- Designed a tool to set frequency of inspections based on risk criteria
- Secured DRDC funding to develop business requirements for an IT CMS
- Elements were included in Safeguarding strategies presented to DMOC and Science and National Security Taskforce
- Key partners: DND, CSIS OCHRO, RCMP, TBS, GAC, ISED



Digitizing Security Screening Guide

- Greening operations has been an item of interest and a GC priority
- Initiative funded by ECCC (50K)
- Developed a 5 phases guide to assist departments in digitizing their security screening files
- Building on an approach used at the CBSA
- Guide supported by SCoE technical advice as SME
- Multiple organizations on boarded resulting in significant savings, streamlining processes and reducing the footprint
- Allowed security to digitize operations, debunking misconceptions and helping reduce backlogs and transition to remote work
- Organizations have seen the benefit of digitization during the pandemic
- Key partners: CBSA, PSPC

FILE DIGITIZATION AT A GLANCE

Consistency
Advanced technology & processes to ensure performance & consistency

Compliance
Alignment with TBS guidelines & requirements (Security, Privacy, IT and IM)

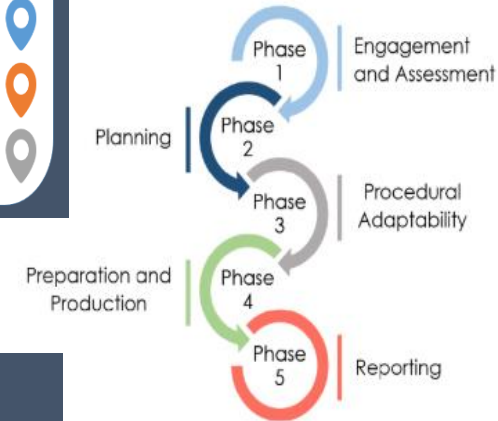
Operationalization
Integrated process aligned with GoC plans and priorities

Reliable **Secure** **Green**

A robust approach to support the organization in reducing the risk of compromise of sensitive information, increasing the efficiency of all programs and supporting government priorities

- ✓ **Maintain a foundation of trust**
Adoption of best practices and successful mechanisms to increase productivity and reduce cost
- ✓ **Integrity**
Meet highest standards of integrity and enhance security posture from a disaster & records preservation perspective
- ✓ **Lean and green**
Part of our footprint reduction process and digital transformation initiative

DIGITIZATION PERSONNEL SECURITY SCREENING



DIGITIZATION ADDED VALUE

- ✓ Alleviates potential misuse by users due to robust audit trails and back up mechanisms
- ✓ Allows access to files based on need to know and GCdocs users' profiles
- ✓ Allows 24/7 access to users on site or remotely
- ✓ Ends the burden of paper file transfers. Files can be transferred quickly via email to OGDs and stakeholders

- ✓ ATIP requests and disclosures are greatly expedited
- ✓ Enhances BCP plans and reduces the risk of loss of information due to environmental and accidental disasters (floods, earthquakes, fires, etc.)
- ✓ No more lost or misplaced files. Search capabilities in GCdocs are very precise
- ✓ Reduces the screening process turnaround time thereby further increasing the efficiency of the program

DIGITIZATION PERSONNEL SECURITY SCREENING

Threat and Risk Assessment Toolkit

- Funded by Heritage (25K), piloted at PCO. Includes operational supporting documents, SOPs and User friendly Excel TRA Assessment tool
- Presented to community of practice and scheduled for GCSRC in April 2021
- Key partners: CBSA, PCA, PCO + LSAs (RCMP & PSPC)

Automated Tool

Run QA of Checklist

General Instructions

Expand and retract different sections by clicking on the blue buttons.
For general tips and tricks, [click here](#).

Assessment

Checklist Summary

Info Sheet

TRA Checklist	
Expand/Retract	Section 1 - Building's Characteristics (Admin Info)
Expand/Retract	Section 2 - Access Control
Expand/Retract	Section 3 - Physical Security Controls
Expand/Retract	Section 4 - Security Training and Awareness
Expand/Retract	Section 5 - Information Security
Expand/Retract	Section 6 - Business Continuity Management
Expand/Retract	Section 7 - Security Screening
Expand/Retract	Section 8 - Security Related Incidents
Expand/Retract	Section 9 - Emergency Response
Expand/Retract	Section 10 - Other Questions

Threat and Risk Assessment (TRA) Tool

The TRA Tool has four different sections. You may use the buttons below to navigate to a page, or simply use the Sheet Tabs on the bottom of the Excel Workbook.

TRA Checklist

This section is used to track different elements for the TRA. There are multiple questions separated in sections, where you can indicate either "Yes", "No" or "N/A". The other column allows the user to indicate if an element is "Acceptable" or not. There is also a "Comments" area where you can write some notes, as needed.

Assessment

This section is used to conduct the Risk Assessment portion of the TRA, by identifying the Assets, Threats and Vulnerabilities. You will be able to use the dropdown lists to select the appropriate risk level. After having identified all of your risk factors, the Tool will generate a Risk Overview Table that will identify the Residual Risk.

Checklist Summary

This section provides you with a summary of all the elements that you have answered "No" to in the "Acceptable?" column from the TRA Checklist. In other words, it returns a list of all the unacceptable items and can be used to identify vulnerabilities to later support recommendations in your TRA Report.

Information Sheet

This section contains information to aid you in completing the different sections in the Assessment sheet. You are completing this section, you can simply click on the "i" icon to view information from the Info Sheet, or simply use the tabs at the bottom of the Excel Workbook to navigate...

If you have any questions about this tool, its uses or any other operational security related inquiry, please feel free to contact the Security Centre of Excellence (SCoE) at: SCoE-CEES-info@pco-bcp.gc.ca.



Asset Name	Asset Value	Threat Likelihood Value	Vulnerability Value	Residual Risk	Residual Risk (after vulnerabilities addressed)
Protected A and B Information	Medium	Medium	Medium	Medium	Low
Office material and good	High	Medium	Medium	High	Low
Individuals	High	Medium	Medium	High	Low

Residual Risk Across All Assets

Number of Assets Evaluated	Residual Risk	Residual Risk (after vulnerabilities addressed)
3	High	Low

Exercise Planning Toolkit

- Support for exercise development.
- Addresses key exercise development challenges:
 - How do I obtain approval
 - What if I lack exercise experience
 - Where do I seek expertise
 - How do I get buy-in from other GC organizations
 - How do I manage my time to meet planning deadlines
 - Which scenario is best for me
 - What are exercise safety requirements
 - Why do I need to evaluate the exercise

