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# CSE's International Partnerships The 5-Eyes Relationships

Foundational Learning Curriculum (FLC)

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Presenters: Scott Jones and [REDACTED]



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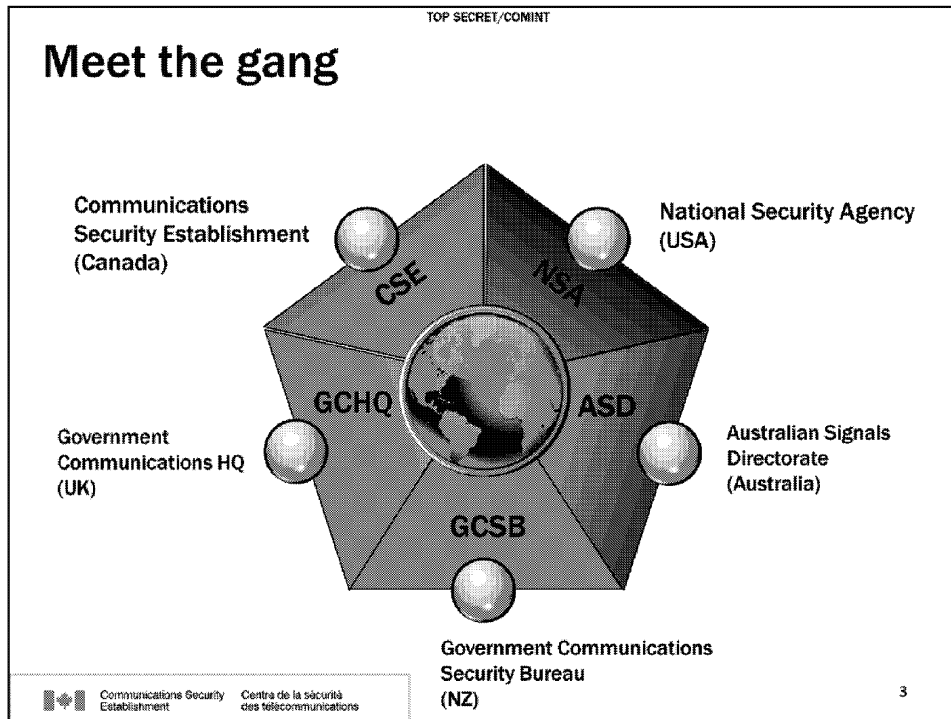
# Agenda

- 1 Who and where are these partners?
- 2 Short history of the partnership
- 3 The importance of the partnership
- 4 How /why we collaborate



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The 5-eyes relationship is the envy of the international security and intelligence community.

It deals with both SIGINT and Information Technology Security

-We share practically everything

-- because our business is so unique, often we have nowhere else to go to learn new skills, capabilities and practices.

Canada is one of five countries that have formed an alliance known as the quinquartite agreement to cooperate in the collection and processing of Foreign Intelligence (FI) among the cryptologic agencies

The 5-Eyes share in a multilateral environment, however, each organisation has an exclusive bilateral relationship with each of the other « Eyes ».

CSE and Second Party Agencies each have their own collection [REDACTED] and a large majority of the traffic collected [REDACTED] is shared between the agencies. As part of the quinquartite agreement, the SIGINT agencies do not target each other's citizens or organizations.

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## We've been partnering for a long time

- Canada and UK collaborate to initiate our first intercept operation in British Columbia (1925)
- UK and US cryptologic exchange (1940)
- Canada and US cryptologic exchange (1942)
- UKUSA (1946): UK and US agreement
- CANUSA (1949): Canada and US agreement
- First Canadian Liaison posted to GCHQ (1949)
- Canada produces NATO cryptographic material (1955)



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Canada's SIGINT ties with the UK pre-date our 60 year UK-USA agreement  
In 1925, Canada collaborated with the UK to initiate our first intercept operation in British Columbia

- Canada's signals intelligence organization began in 1941 and contributed important information to the Allied effort. Targets were French communications in Nazi-occupied Vichy, and German agent traffic in the western hemisphere. Canadian SIGINTers supported the work at Bletchley Park in the UK and processed Japanese communications. First Division of Effort (DOE).

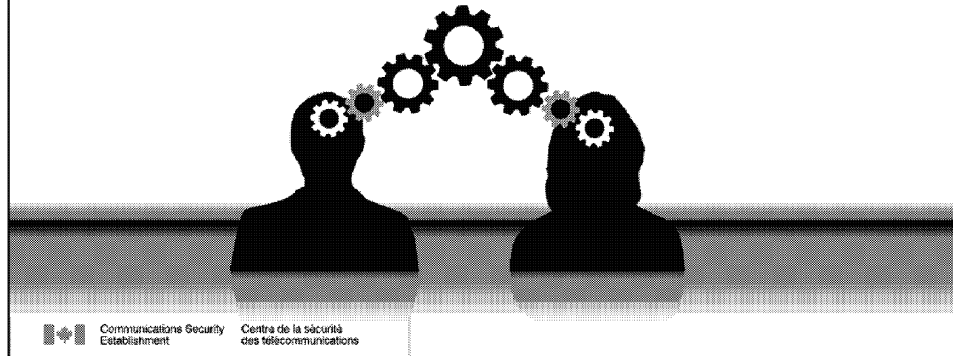
- During the war years, there was no centrally organized COMSEC effort. Each Service and External Affairs maintained their own acceptable levels of Communications Security

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## Importance of Sharing

*A part of our ability to access intelligence derives from our intelligence alliances and relationships. For many years Canada has exchanged information with key allies. ... These relations are enormously beneficial to our country. Canada alone could not replicate the benefits gained through these international arrangements. But we are also a significant contributor of intelligence. These contributions are recognized and appreciated by our allies.*

Securing an Open Society: Canada's National Security Policy, 2004 (p. 17)



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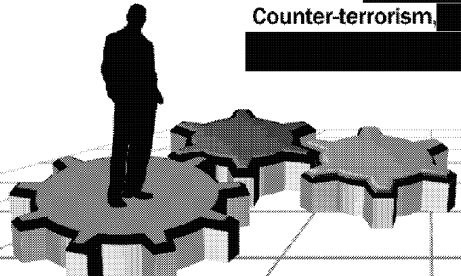
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## How we collaborate

- Across the Board – SIGINT, IT Security, Corporate Services, DGPC, CIO...
- Operational and Strategic level co-operation
- Crisis collaboration
- Reach into each others' respective Security and Intelligence Communities

➤ Hot topics: [REDACTED]  
Counter-terrorism, [REDACTED]  
[REDACTED]



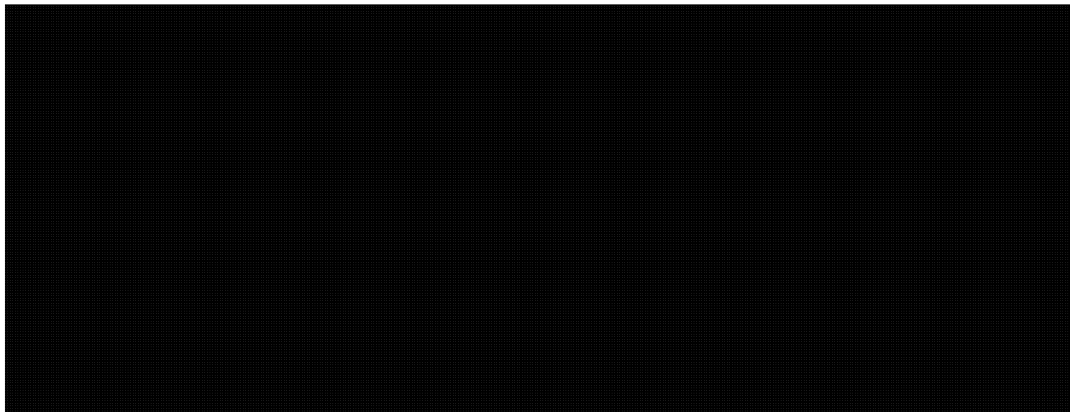
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Heads of Agencies annual meeting

Every level has their counterpart

Sharing on corporate issues as well, i.e. HR, diversity, policies

GCHQ on moving to new accommodation



Current hot issues include [REDACTED], counter-terrorism..

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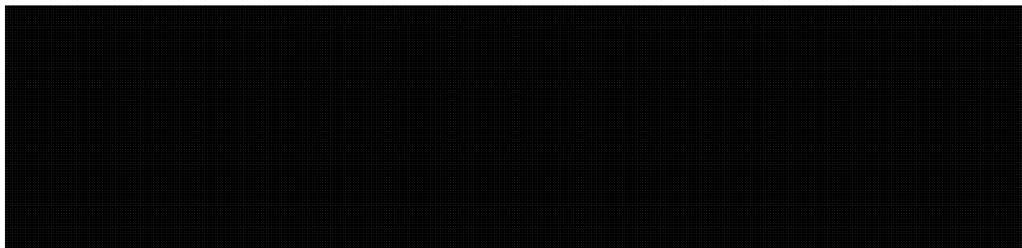
## Collaboration – not always easy (but worth the effort)

- ➡ Different time zones, cultures and languages
- ➡ Different policy and legal environments
- ➡ Different sizes of workforces and budgets
- ➡ [REDACTED]
- ➡ Technology platforms and infrastructure
- ➡ Cost of travel
- ➡ Personal relationships important!



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-- good personal relationships make better business relationships

[REDACTED] is crucial

-- sometimes can't travel due to budgets

-- other countries might have more flexibility with hospitality rules for conferences than we do

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## Liaison Offices

- ➡ **CANSLO = Canadian Special Liaison Officer**  
CSE's representative to the foreign partner  
Responsible for Canadian contingent abroad, including CSE and CFIOG  
integreees, and all Canadian visits to the partner agency  
Keeps CSE informed of events, plans, policies, trends
- ➡ **BRLO = British Liaison Officer**
- ➡ **SUSLO = Special US Liaison Officer**
- ➡ **AUSLO = Australian Liaison Officer**
- ➡ **NZLO = New Zealand Liaison Officer**



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CSEC has CANSLO offices at NSA, GCHQ and ASD.

**Integreees** are staff exchanged with our partners [REDACTED]

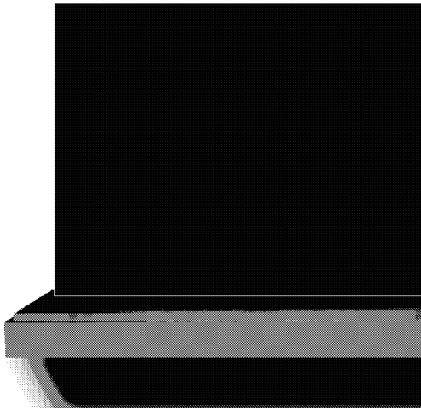

Postings are usually 3 years with extensions to 4 possible




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## NSA - Fort Meade, Maryland

- ➡ 20,000 civilians
- ➡ 15,000 military staff





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And this is only for NSA – Washington!!! There are 4 other Regional Cryptologic Centres: Denver (NSA-C for Colorado, NSA-G for Georgia, NSA-H for Hawaii and NSA-T for Texas).

NSA has [REDACTED] liaison staff all over the world.

[REDACTED]

With the creation of Cyber Command, a sub command to Strategic Command, and the nomination of the Director NSA as the Commander, [REDACTED]

[REDACTED]

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## Liaison Offices - US

### Special United States Liaison Office Ottawa (SUSLOO)

SUSLOO Office:

Email: @cse-cst.gc.ca

### Canadian Special Liaison Office Washington (CANSLO/W)

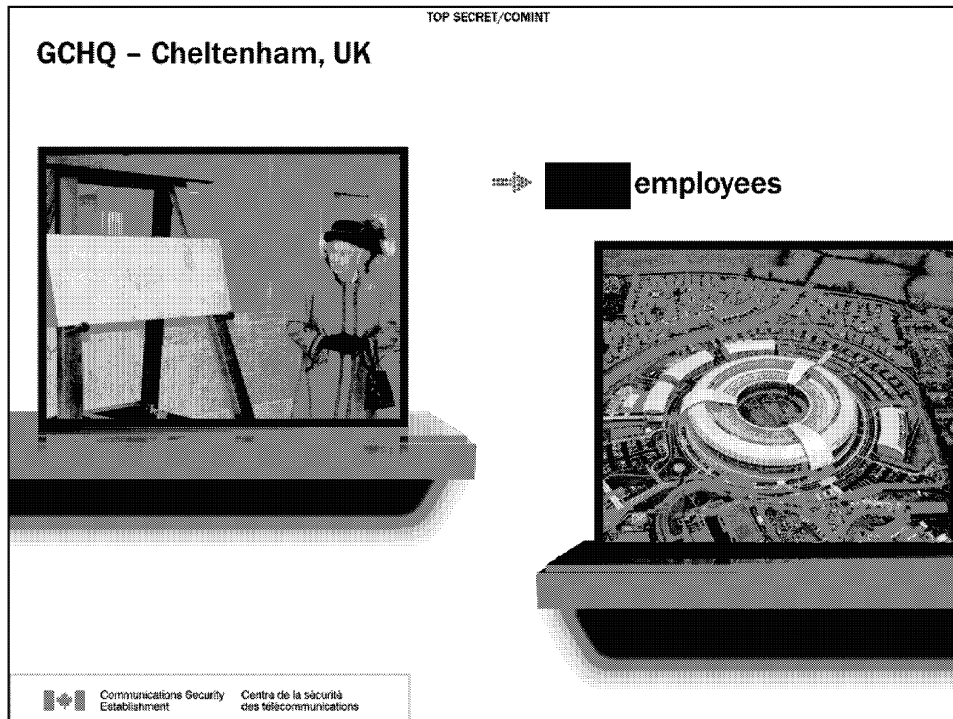
Office staff – CANSLO, 4 Deputies, 2 office assistants,  
communications officer

Integrees

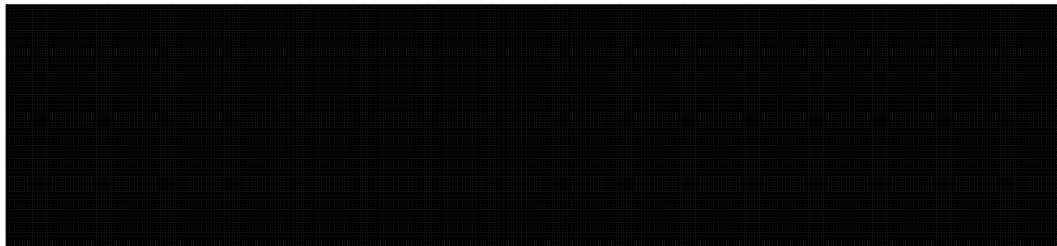


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Moved into new HQ in 2004 – amalgamated 2 sites



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## Liaison Offices - UK

### British Liaison Office (BRLO)

BRLO Office:

Email: @cse-cst.gc.ca

### Canadian Special Liaison Office London (CANSLO/L)

Email: @cse-cst.gc.ca

Office staff – CANSLO/L, Deputy CANSLO/L, administrative officer

integrees

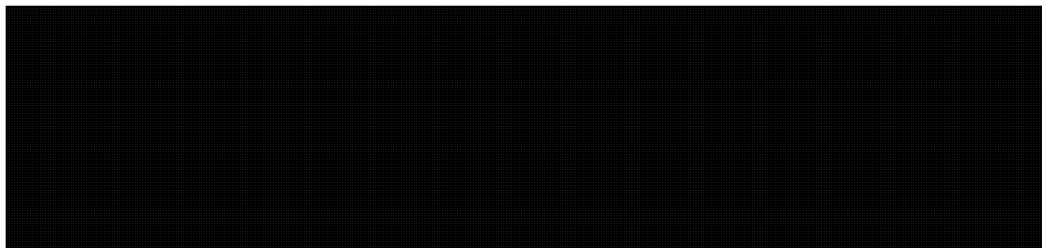
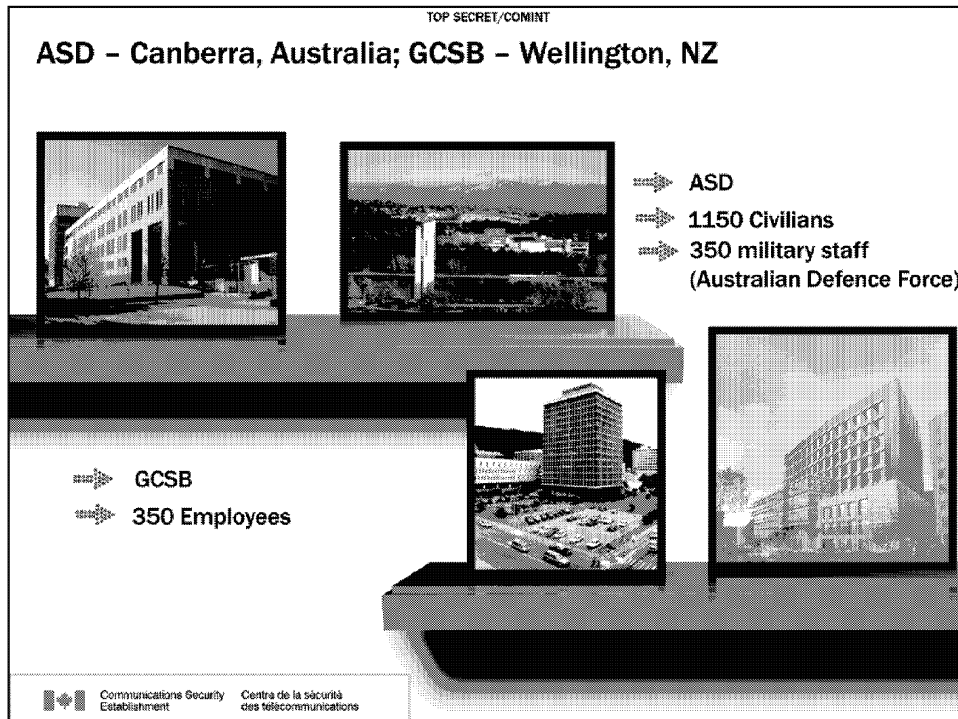
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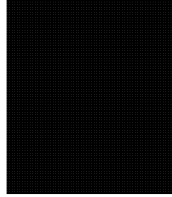


The GCSB consists of its Headquarters, two communications intercept sites (Tangimoana and Waihopai) and three overseas liaison offices.

The total number of staff employed by the Bureau is in the order of 350, of whom about 24% are women. The average age of all employees, approximately 25% of whom have previous military service, is around 45 years of age. "

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## Liaison Offices – Australia & NZ



Australian Liaison Office (AUSLO)

AUSLO Office:

Email: @cse-cst.gc.ca



GCSB/NZLO

Email: @gcsb.govt.nz



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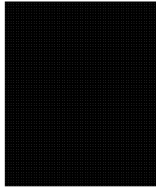
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integrees [Redacted]

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## CANSLO/C-W - Canadian Special Liaison Office Canberra

- First CSE liaison office in Australia opened in 2009 at ASD in Canberra
- Also CSE's representative to GCSB in New Zealand.



Email: [REDACTED]@cse-cst.gc.ca  
Office staff – CANSLO/C-W, EA

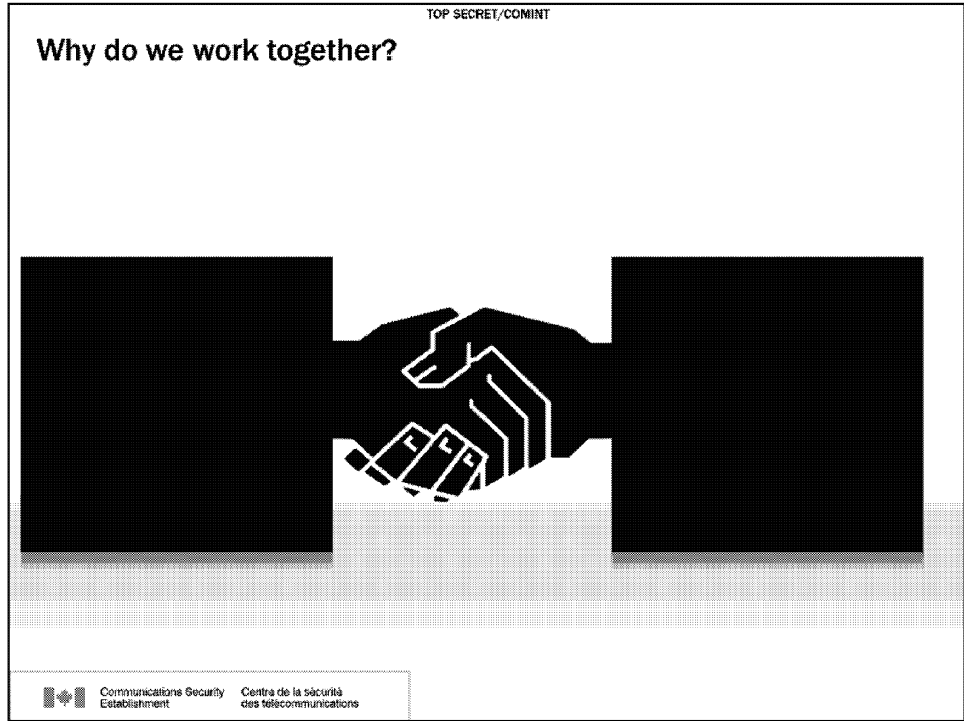


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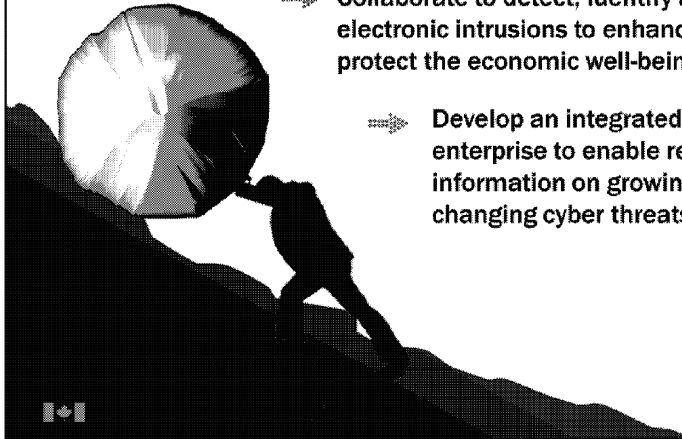




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## What is our biggest challenge?

- Heads of 5-eyes agencies committed to helping each other to defend our national and mutual interests in cyberspace.
- Collaborate to detect, identify and mitigate foreign electronic intrusions to enhance security and help protect the economic well-being of our nations.
- Develop an integrated cryptologic enterprise to enable real-time exchange of information on growing and constantly changing cyber threats.

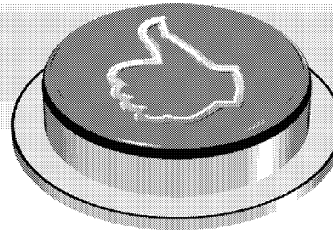


Why is this important? Recognized that we need to move beyond national interests – the threat is too pervasive and strong to go it alone.

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What benefits do the partners have from working with CSE?

- ➡ **Agility**
- ➡ **Size**
- ➡ **Innovation/Creativity**
- ➡ **Unique skills**
- ➡ **Insight**
- ➡ **Access**

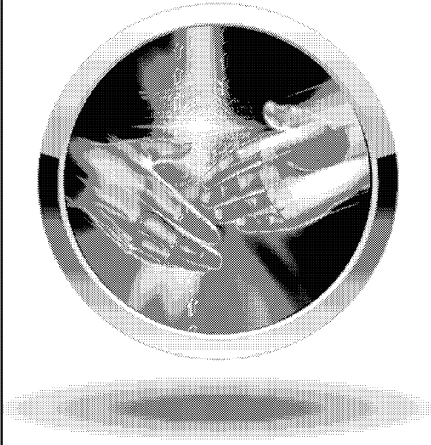


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## How does CSE benefit from working with the partners?



- ⇒ Access to data
- ⇒ Advanced technology
- ⇒ Reporting
- ⇒ Crypto products
- ⇒ Research and development



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## Take-aways



The 5-Eyes alliance is critical to CSE's ability to fulfill both its foreign intelligence and information security mandates.



It has evolved since WWII into the most robust relationship in the international S&I community.

***It is precious  
Treat it with  
care!***



Very little we DON'T share.



Canada benefits tremendously.

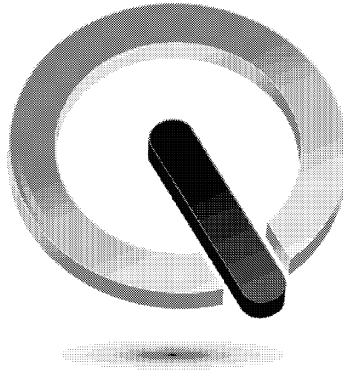


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## Questions



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