Ontario-Quebec Cybersecurity R&D Challenge
Outline

• Voucher for Industry Association (VIA) Overview

• Cybersecurity VIA Program Details
  o Program Objectives
  o Project Eligibility
  o Funding Contributions
  o Application Process
  o Program Timelines
  o Program Contact Information
VIA Program Overview

- Partnership with industry associations/consortia to address sector-wide R&D challenges
- Indirectly supports start-ups, SMEs and large companies through projects with academic research institutions
- Supports development of solutions with broad market potential, and generation of economic impact
- Offers whole-of-government approach through partnership with NSERC and other funders
Cybersecurity VIA Program

- Partnership between OCE, PROMPT and NSERC
- $3 million program, supporting awards for ~5 projects for up to two years

Objectives:

- Develop and accelerate solutions to advance the cybersecurity sector, and address Canada’s cybersecurity strategy
- Support industry-academic collaborations between Ontario and Quebec, to develop innovative technologies
- Create economic benefit (jobs, revenue) in both provinces
Industry Benefits

- Develop relationships with researchers to extend company R&D, and address innovation needs
- Increase productivity and revenue
- Gain access to new talent and established academic researchers
- Gain access to unique facilities and research equipment available in academic institutions
- Gain access to OCE and PROMPT's academic networks and exposure to other OCE and PROMPT programs
Academia and Student Benefits

Academia:
• Gain access to exciting innovation challenges with sector-wide benefits
• Establish relationships with industry

Students:
• Gain real-world experience
• Enhance skills through R&D training and development
• Connect with established companies
• Use knowledge and fresh ideas to solve industry and sector-wide problems
Project Eligibility

• Involve R&D in the Information and Communications Technologies sector, and demonstrate benefit to cybersecurity industry
• One academic researcher in Ontario, and one in Quebec
• Industry partners in both provinces providing matching funds
  • One company in Ontario
  • One company in Quebec
• Partners have capability to commercialize results (R&D/manufacturing presence; minimum 2 employees/2 years in operation)
• NSERC CRD/ARD eligible
Funding Contributions

• Up to $560,000/project in cash and in-kind contributions

• OCE and PROMPT funds flow to academic institution for direct research costs
  • OCE: up to $80K to Ontario academic institution
  • PROMPT: Up to $80K to Quebec academic institution

• Industry match: $100K cash and $100K in-kind (combined) for direct research costs
  • $50K cash and $50K in-kind in each province

• NSERC further matches industry contributions, up to 2x net cash contribution

• Overhead is not to be included in project budget
### Funding Contributions

<table>
<thead>
<tr>
<th></th>
<th>Ontario</th>
<th>Quebec</th>
<th>Total Project</th>
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<tbody>
<tr>
<td>OCE</td>
<td>80,000</td>
<td>80,000</td>
<td>80,000</td>
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<tr>
<td>PROMPT</td>
<td></td>
<td>80,000</td>
<td>80,000</td>
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<tr>
<td>Company Cash</td>
<td>50,000</td>
<td>50,000</td>
<td>100,000</td>
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<tr>
<td>Company In-Kind</td>
<td>50,000</td>
<td>50,000</td>
<td>100,000</td>
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<tr>
<td>NSERC</td>
<td>100,000</td>
<td>100,000</td>
<td>200,000</td>
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<tr>
<td><strong>Total</strong></td>
<td>280,000</td>
<td>280,000</td>
<td>560,000</td>
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OCE and PROMPT will assist in developing partnerships and project budgets.
Application Process: Overview

Two-stage application process:

1. Submit **Expression of Interest Proposal** (EOI) to OCE and PROMPT
2. Successful EOI Applicants (approximately 5) will be invited to submit a full application to NSERC CRD or ARD program
Application Process: Stage 1

Stage 1: Expression of Interest (EOI)

- Eligible applicants submit EOI using the OCE on-line application system
- Complete submission includes:
  - EOI questions (4-5 pages)
  - On-line application components (budget, milestones, project contacts, classifications, summary for public release)
  - Form 100/CV of applicant(s), industry support letter
- Contact either an OCE BD or Application Support Team, or PROMPT, to ensure you have a user name / password and have initiated an application a minimum of 1 week before deadline.
Application Process: Stage 1

Overview of Review Process:

- Submitted EOIs undergo OCE internal review for completeness and financial compliance
- EOIs are reviewed by an external review panel comprised of industry experts, with representatives from OCE, PROMPT, and NSERC
- Top ranked EOIs will be invited to submit full proposals through NSERC’s Collaborative Research and Development (CRD) or NSERC Applied Research & Development (ARD) programs
Application Process: Stage 1

Preference will be given to EOIIs that:

- Demonstrate an innovative approach to solving an important challenge
- Demonstrate broad applicability and benefit to the cybersecurity industry
- Provide economic benefit to Ontario and Quebec, and have a high potential to be commercialized and/or implemented
- Demonstrate close industry-academic collaboration
- Engage or include training opportunities for graduate students and other HQP
- Anticipate tangible deliverables (i.e., new technologies, processes, skills transfer, job creation, and other benefits to society)
Stage 2: NSERC Full Application

- Selected EOIs are invited to submit full application for NSERC CRD or ARD grants
- Initial application draft to NSERC, including budget information
- Following feedback from NSERC and OCE/PROMPT on draft, a final application is submitted to NSERC
- **NSERC applications are reviewed by NSERC’s external review process**
- Upon NSERC approval, OCE funding agreement must be signed by Ontario partners (including IP terms defined by partners) within 2 months
# Application Timelines

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<tr>
<th>Date</th>
<th>Application Steps</th>
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<tr>
<td>Wednesday, April 6, 2016</td>
<td>Call for EOIs</td>
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| Tuesday, September 27, 2016   | **EOI deadline submission** *
create username / password and initiate an application at least 1 week before deadline* |
| Wednesday, November 16, 2016  | Applicants notified of the results                                                |
| Friday, January 13, 2017      | First draft of NSERC CRD/ARD application is due for invited candidates            |
| Friday, February 17, 2017     | Final submission of NSERC CRD/ARD application is due                              |
| May-July, 2017                | Agreements signed, approved projects start                                         |
# Program Contact Information

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<tr>
<td><strong>General Program Information</strong></td>
<td><strong>Francois Borrelli</strong>&lt;br&gt;Vice-président, stratégie et développement des affaires&lt;br&gt;(514) 575-0997&lt;br&gt;<a href="mailto:fborrelli@promptinc.org">fborrelli@promptinc.org</a></td>
</tr>
<tr>
<td>OCE Application Support&lt;br&gt;(416) 861 1092 x2400&lt;br&gt;<a href="mailto:Application-Support@oce-ontario.org">Application-Support@oce-ontario.org</a></td>
<td><strong>Bettina Klenkler, PhD</strong>&lt;br&gt;Program Manager&lt;br&gt;(416) 861 1092 x1066&lt;<a href="mailto:brbettina.klenkler@oce-ontario.org">brbettina.klenkler@oce-ontario.org</a></td>
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<tr>
<td><strong>Business Development Assistance</strong></td>
<td><strong>Philippa King, PhD</strong>&lt;br&gt;Business Development Manager&lt;br&gt;(613) 726-3430 x4225&lt;<a href="mailto:brphilippa.king@oce-ontario.org">brphilippa.king@oce-ontario.org</a></td>
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<td><strong>Francois Borrelli</strong>&lt;br&gt;Vice-président, stratégie et développement des affaires&lt;br&gt;(514) 575-0997&lt;br&gt;<a href="mailto:fborrelli@promptinc.org">fborrelli@promptinc.org</a></td>
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Thank you

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