Overview

The Software Engineering Institute (SEI) at Carnegie Mellon University (CMU) is establishing a consortium for organizations in government, industry, and academia to improve the practice of cyber intelligence.\(^1\)

The Cyber Intelligence Research Consortium: \(^2\)
- Defines cyber intelligence as the acquisition and analysis of information to identify, track, and predict cyber capabilities, intentions, and activities to offer courses of action that enhance decision making
- Is a member-funded collaboration of practitioners and decision makers from all economic sectors and business sizes
- Is a R&D platform for cyber intelligence tradecraft; not for exchanging cyber security data or performing operational threat intelligence

Benefits to Joining

Pioneer cross-sector collaborative efforts that will:
- Strengthen decision making through improved cyber intelligence
- Establish a cost effective resource for workforce development and management, technology scouting, and R&D in support of cyber intelligence
- Aggregate unique, cross-sector cyber intelligence practices to predict and proactively address systemic challenges in the cyber domain
- Promote cyber intelligence as a profession in the public and private sectors

To learn more, contact:
cyber-intel@sei.cmu.edu

Jay McAllister, Technical Lead
jjmcallister@sei.cmu.edu 412.268.9193

www.sei.cmu.edu/about/organization/etc/consortium.cfm

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\(^1\) SEI is a federally funded research and development center (FFRDC) based at Carnegie Mellon University

\(^2\) The consortium continues the work started in the SEI’s Cyber Intelligence Tradecraft Project (CITP). For more information on CITP, visit www.sei.cmu.edu/etc/cyber-intelligence/citp
Starting in April 2014, the Cyber Intelligence Research Consortium will offer members a variety of research and development opportunities in support of cyber intelligence tradecraft:

- **Steering Committee**: Collaboration between CMU, SEI, and members to guide consortium activities and plan for future success
- **Cyber Threat Baseline**: Anonymized research of members cyber threat environments to identify best practices and common challenges
- **Tradecraft Labs**: Workshops to advance practitioner capabilities, showcase relevant technologies, and address systemic tradecraft challenges
- **Implementation Frameworks**: How-to-guides for navigating key intelligence practices and technologies
- **War Game**: Capture the flag exercise to apply learned tradecraft techniques, technologies, and methodologies to a simulated cyber event
- **Intelligence Insights**: Regular correspondence on topics relevant to the practice of cyber intelligence

### Tradecraft Labs

In-person workshops to advance practitioner capabilities, showcase relevant technologies, and address systemic tradecraft challenges

- **Members** may choose topics that consortium staff will research to develop analytical/technology demonstrations for members to augment during the labs
- **Labs** will be a day and a half in duration

#### Founder member:
- Opportunity to send up to three individuals to participate in two labs

#### Fellow member:
- Opportunity to send up to three individuals to participate in one lab

### Implementation Frameworks

Web-based, interactive how-to-guides for navigating key intelligence practices and technologies

- **Frameworks** will be distributed quarterly and, in year one, will focus on analytical methodologies, reporting and feedback processes, information collection and integration, and predictive analytics

#### Founder and Fellow members:
- Opportunity to attend a quarterly webinar that discusses each framework and provides members with a copy of it and its accompanying research
- Example: www.sei.cmu.edu/about/organization/etc/citp-cyber-threat-prioritization.cfm

### War Game

A capture the flag exercise for members to apply learned tradecraft techniques, technologies, and methodologies to a simulated cyber event

- **Members** will gain unique insight into the event through cross-sector collaboration and learn how to provide an understanding of the event to decision makers

#### Founder and Fellow members:
- Opportunity to send up to three individuals to participate in-person during this day and a half event

#### Associate members:
- Opportunity to have up to three individuals participate virtually during this day and a half event

### Membership

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<thead>
<tr>
<th>Level (with Steering Committee)</th>
<th>Symbol</th>
<th>Fee</th>
<th>Time Commitment</th>
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<tbody>
<tr>
<td>Founder</td>
<td></td>
<td>1 year: $90,000</td>
<td>12 – 28 days</td>
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<td>2 year: $150,000</td>
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<tr>
<td>Fellow</td>
<td></td>
<td>1 year: $75,000</td>
<td>9 – 22 days</td>
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<td>2 year: $120,000</td>
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<tr>
<td>Associate</td>
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<td>1 year: $45,000</td>
<td>6 – 13 days</td>
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<td>2 year: $70,000</td>
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<tr>
<td>Associate</td>
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<td>1 year: $15,000</td>
<td>3 – 6 days</td>
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<td>2 year: $25,000</td>
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### Intelligence Insights

Regular correspondence on topics relevant to the practice of cyber intelligence

- **Members** will receive biweekly emails that identify the latest research, presentations, and trainings on the analytical and technical aspects of cyber intelligence
- **Members** will receive bimonthly newsletters outlining best practices for addressing issues involving the business of doing cyber intelligence

### Available to all membership levels

- **Steering Committee**
- **Cyber Threat Baseline**
- **Tradecraft Labs**
- **Implementation Frameworks**
- **War Game**
- **Intelligence Insights**

### Offerings Membership Level

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*Membership benefits, tiers and pricing are subject to addition, elimination, or revision and are tentative until finalized. Definitive benefits and costs shall be set forth in the written agreement between CMU and members.*