



# UCD Centre for Cybersecurity and Cybercrime Investigation

Lárionad um Chibearshlándáil agus  
Imscrúdú Cibearchoireachta UCD

Over 15 years as a leading research and education centre  
for cybersecurity and cybercrime investigations



**Michael O'Callaghan**

Senior Cybersecurity Researcher

# Background to UCD CCI






















- Established in 2008 by Joe Carthy (UCD) and Paul Gillen (AGS)
- Initially created to “assist law enforcement in the fight against cybercrime”
- Naturally evolved into all sectors concerned with cybersecurity and (cyber)crime response.

# Research at UCD CCI



- Cybercrime research
    - Digital forensics
    - Intelligence Gathering
    - OpenSource tool development
    - Training Requirements
  - Cybersecurity research
    - Incident response
    - Secure systems development
- } • Threat monitoring
- Consultancy
- Awareness raising
- Education

# 'Cybercrime' work

	Eurpol European Cybercrime Centre (EC3)	The Netherlands		The State Police of Latvia (Ministry of the Interior)	Latvia		Banking & Payments Federation of Ireland (BPFI)	Ireland
	European Cybercrime Training & Education Group (ECTEG)			Ministerie van Justitie en Veiligheid (Ministry of Justice and Security)	The Netherlands		FSSC - Financial Service Cybersecurity Community	Ireland
	INTERPOL - The International Criminal Police Organization	France		Police Service of Northern Ireland	UK		Cyber Defence Alliance Ltd (CDA)	UK
	An Garda Siochana (Irish Police force)	Ireland		Inspectoratul General al Politiei Romane	Romania		eBOS Technologies	Cyprus
	Belgian Federal Police	Belgium		Gendarmerie Nationale, Ministère de l'Intérieur (French Police, Ministry of the Interior)	France		Inlecom Group	Belgium
	Politsei- ja Piirivalveamet (The Police and Border Guard Board within the Estonian Ministry of Interior of Estonia)	Estonia					Sindice Ltd (SIREN)	Ireland
							Trilateral Research Ltd	UK
							VLTN	Belgium

# ‘Cybersecurity’ Work

- Consultancy & organisational perspective:
  - political, strategic and technical level.
- Stakeholder groups
  - Irish retail banks
  - The Irish Government
  - UK banks
- Contributed to
  - The development of Irish cybersecurity strategy
  - Establishment of the NCSC and CSIRT-IE



# Current Activities

Project/Contract	Category	Funding
National Cyber Security Center	Consultancy Services	Contracted
Banking and Payments Federation of Ireland	Consultancy Services	Contracted
INSPECTr	Research and Innovation	EU, Horizon 2020
FREETOOL/EACTDA	Software Development	EU, DG HOME
ECTEG	Capacity Building	EU, DG HOME
CYCLOPES	Capacity Building and Practitioner Networks	EU, Horizon 2020
iLEAnet	Capacity Building and Practitioner Networks	EU, Horizon 2020

# Impact of the Centre

- Awarded over €13 million in funding over the past 14 years
- Establishment of the NCSC and CSIRT-IE
- Education of thousands of cybercrime investigators globally
- State of the art research outputs
- High success rate with multiple European funding agencies

**find out more at**

[www.ucd.ie/cci](http://www.ucd.ie/cci)



**contact us at**

[cci.info@ucd.ie](mailto:cci.info@ucd.ie)