



INTERPOL

Police to Police cooperation: an INTERPOL/FHT experience

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Overview

- INTERPOL at a glance
- INTERPOL activities in combating cyber crime
- Challenges ahead

INTERPOL at a glance

What is INTERPOL?

- World's largest international police organization:
 - 188 member countries
 - Based in Lyon, France
 - Staff from around 90 countries
- Focused on:
 - Secure global police communications
 - Operational data services and databases for police
 - Organizational police support services
 - Police training and development



INTERPOL Video

National Central Bureaus - NCBs



INTERPOL AIMS

- To ensure and promote the widest possible mutual assistance between all criminal police authorities, within the limits of the laws existing in the different countries
- To establish and develop all institutions likely to contribute effectively to the prevention and suppression of ordinary law crimes (including IT crime)

INTERPOL's 4 core functions



1

Secure global
police
communications
services

2

Operational data
Services and
databases for
police

3

Operational police
support services

4

Police training
and
development

Core function #1



1

**Secure global
police
communications
services**

2

**Operational data
Services and
databases for
police**

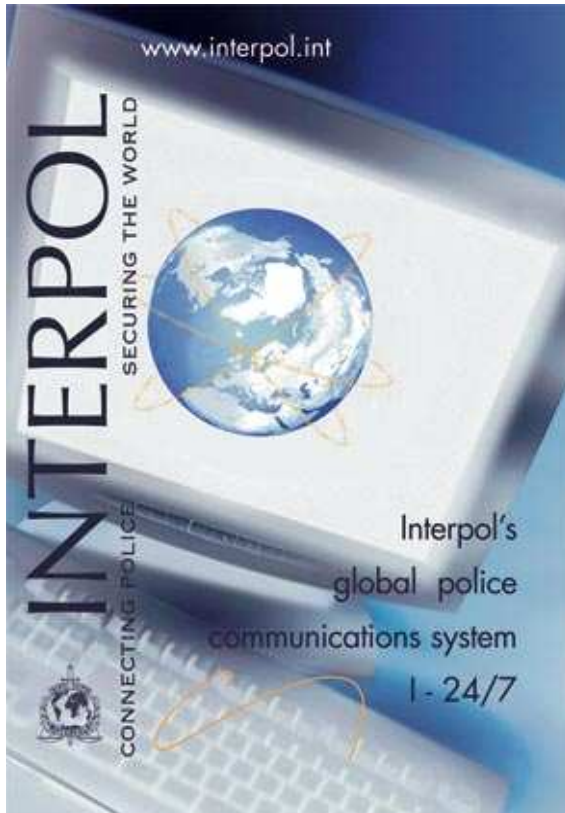
3

**Operational police
support services**

4

**Police training
and
development**

I-24/7 - Connecting police, securing the world



- High-security global police network
- Gateway to INTERPOL databases
- Access to crucial data in seconds, any minute of any day
- Platform for sharing criminal information between law enforcement entities
- Controlled access
- Trained personnel
- Adapted to police needs

Core function #2



1

Secure global
police
communications
services

2

Operational data
services and
databases for
police

3

Operational police
support services

4

Police training
and
development

Operational data services and databases for police

Notices and diffusions

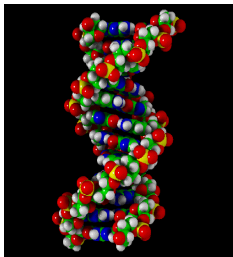


Nominal

INTERPOL databases



DNA



Fingerprints



ICAID - Child abuse images



SLTD - Stolen and lost travel documents



SMV - Stolen motor vehicles



WOA - Stolen works of art



Core function #3



1

Secure global
police
communications
services

2

Operational data
services and
databases for
police

3

Operational police
support services

4

Police training
and
development



INTERPOL's priority crime areas



Public safety and terrorism



Financial and high-tech crime



Trafficking in human beings



Fugitive investigative support



Drugs and criminal organizations



Corruption

Core function #4



1

Secure global
police
communications
services

2

Operational data
services and
databases for
police

3

Operational police
support services

4

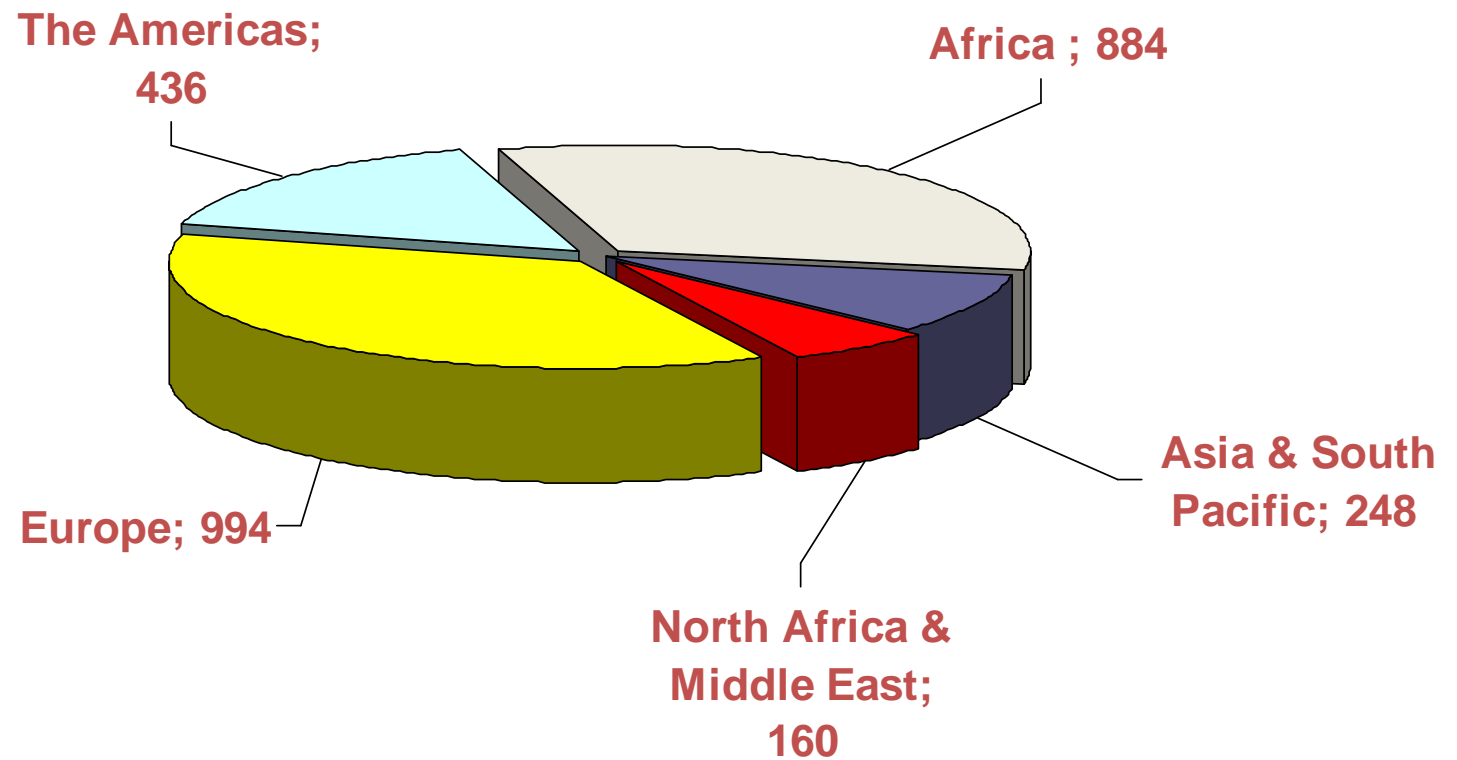
Police training
and
development



INTERPOL Worldwide Training

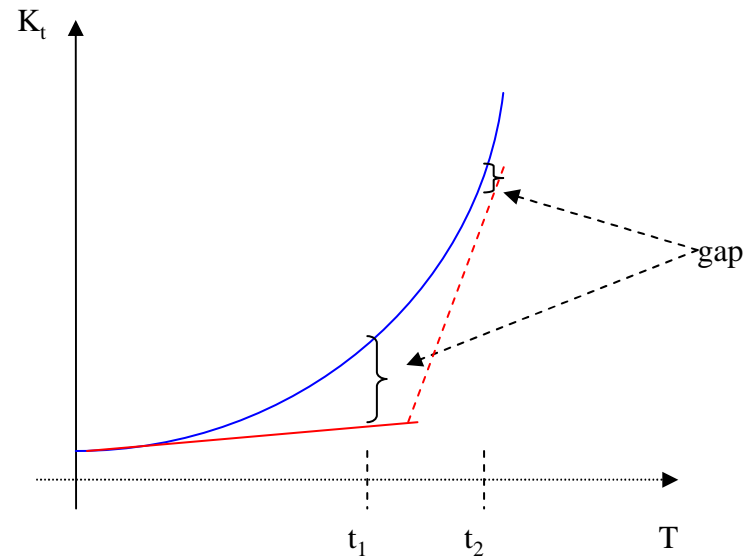
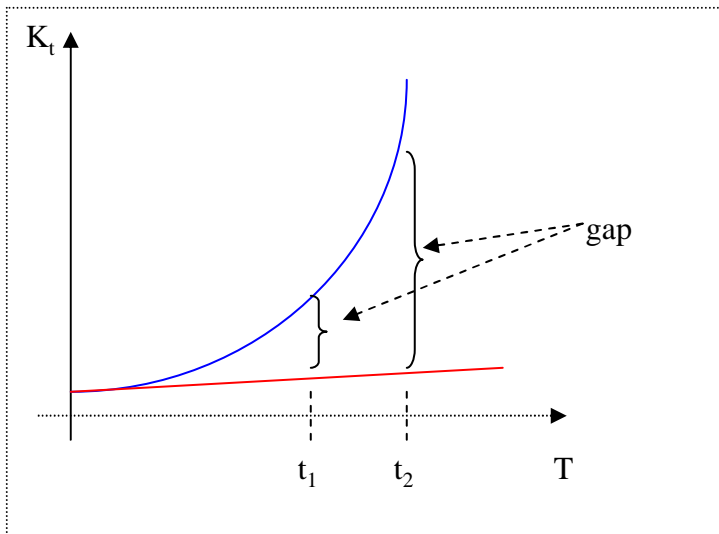
83 training sessions, involving 2,722 participants from 172 countries, were organized in 2008

Number of participants per region



Effects of lack of training

- Development of a training initiative for LE community according to “customers needs” (IT crime national-regional-global situation and trends)



INTERPOL's added value

- Support and assist all organizations, authorities and services in preventing or combating international crime
- Enhance the global exchange of police information
- Develop and maintain global operational criminal information databases
- Provide capacity-building measures and expert assistance against major crimes



Challenges ahead

“Nothing is more fairly distributed than common sense: no one thinks he needs more of it than he already has”.

René Descartes

How to improve?

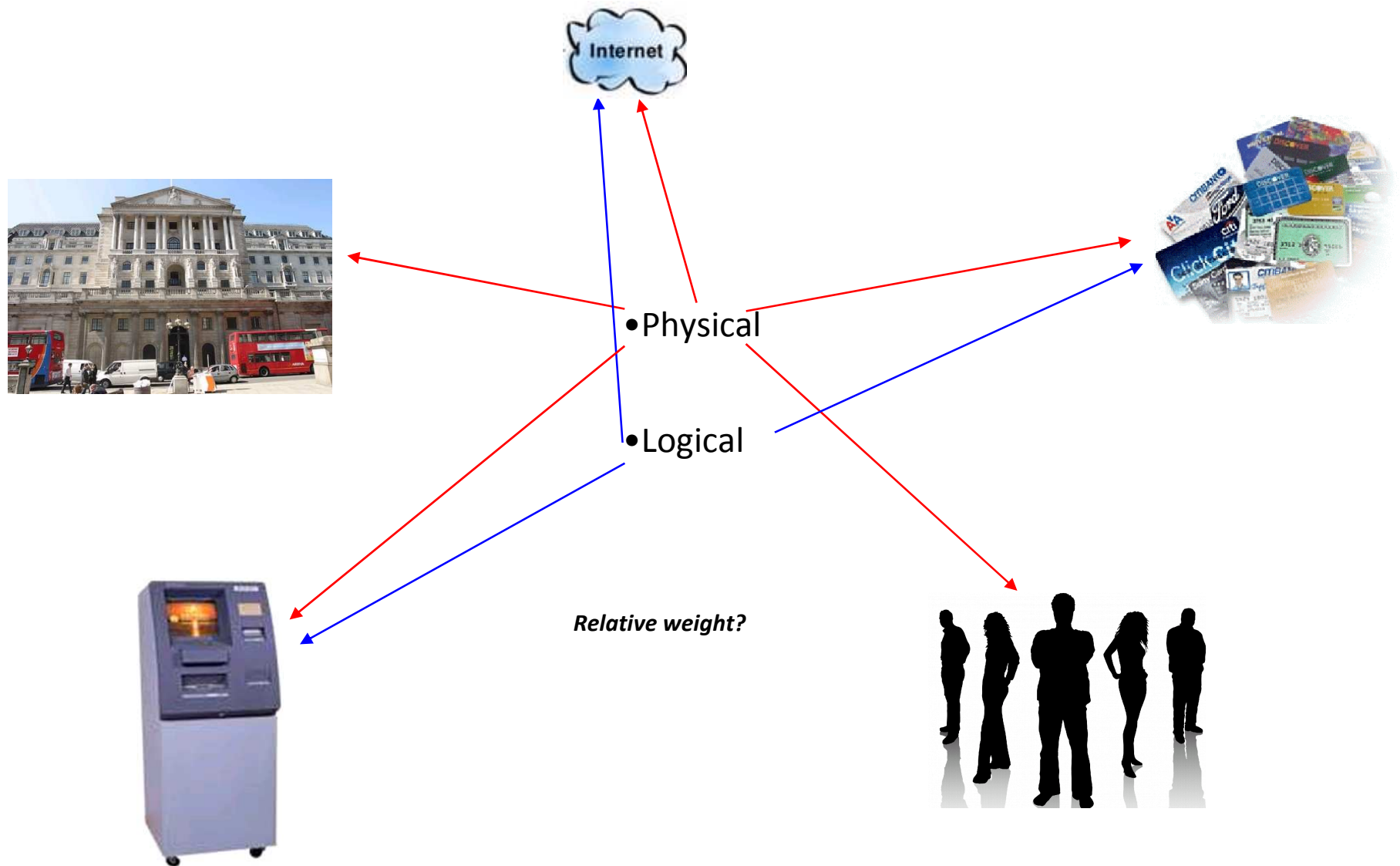
- Crucial questions:
 - What is our business
 - What should be
 - Is our customer satisfy...
 - ... and who is our customer?
 - Do they know they are our main concern on a daily basis?

Risks related to IT



1. Customers age
2. Front end interface
3. Communications protocols
4. Others: information security policies within banks, retailers, service providers, etc.
 - a. Maintenance

Card transaction risks





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Risk-task relationship (who's who)

- Who **must** identify all activities related to this specific problem?
- Who **must** identify all risks related to each task or activity?
- Who **must** put them all together?



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What to do with risks

- Delete them
- Minimize them
- Transfer them



IDENTIFY THEM

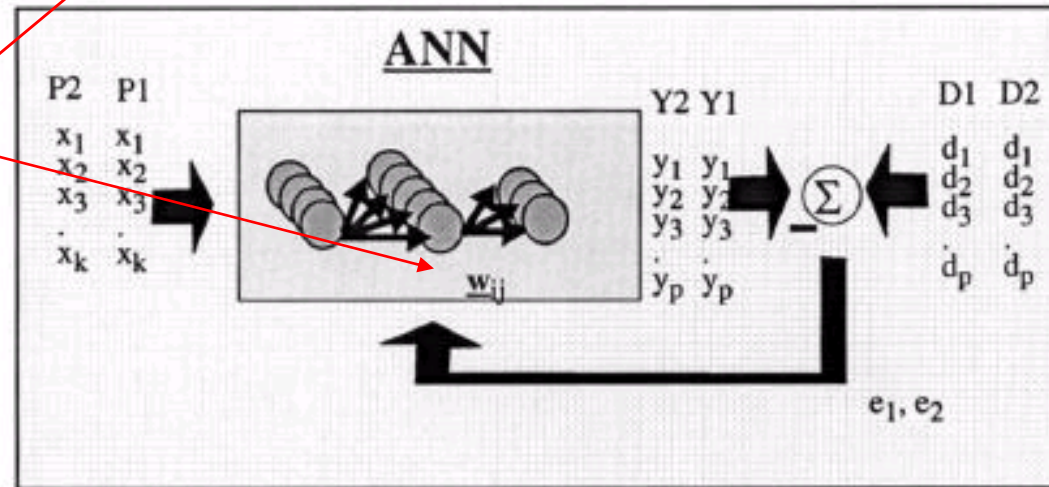


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But how to prioritize risks?

$$t = I \sum_{i=1}^n \alpha_i \rho_i + \sum_{j=1}^m \Delta F_j a_j + R$$

weight

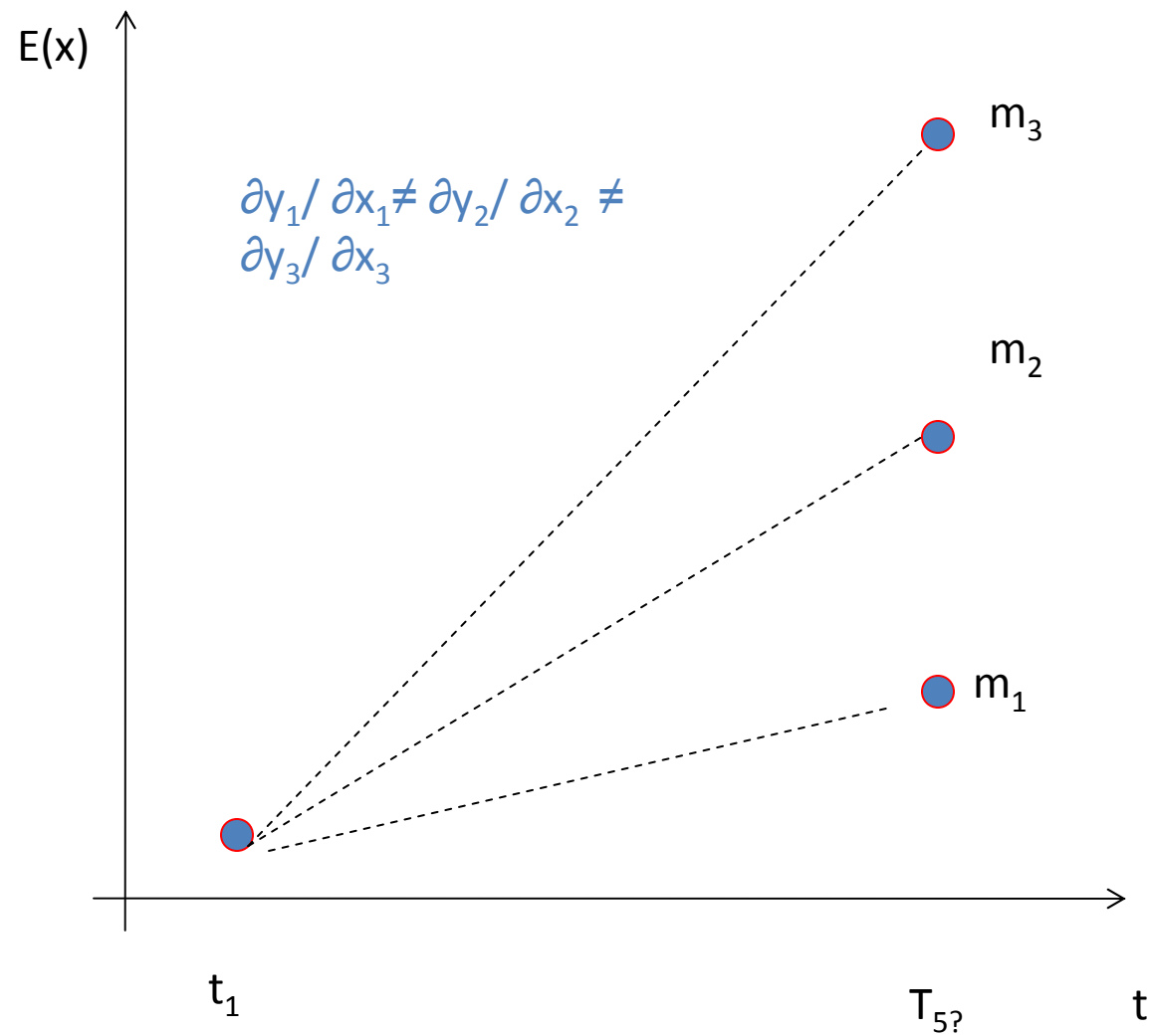


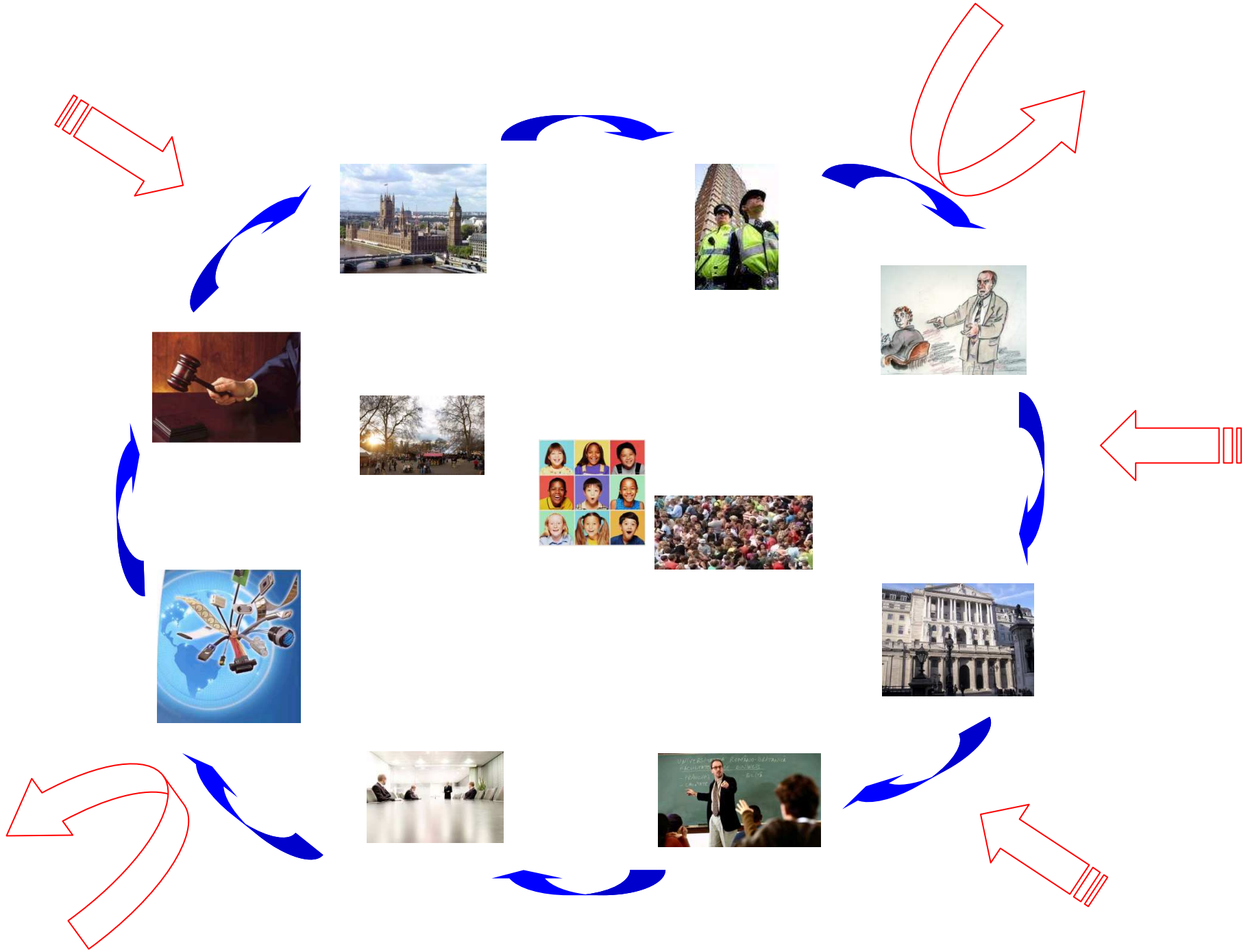
The style of neural computation.



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How many strategies?







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Questions?

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A proposal

- Sharing knowledge and information
- Usage of our communication system I-24/7
- Creation of Groups of Experts on Financial Crimes (pilot project in Latin America)