



# << TI >> the Trusted Introducer

Status report  
&  
Report on accredited teams meeting = *news flash* →

Don Stikvoort, TI



# TI – the trust network



- The TI provides the “trusted network” for CSIRTs in Europe
  - Consider a cloud of  $N$  teams
  - Classical case:  $N*(N-1)$  *trust* relations to be maintained
  - TI case:  $N$  *trust* relations to be maintained

$N$	$N(N-1)$
5	20
10	90
20	380
50	2450
100	9900
200	39800



# TI – the engine



- The trusted CSIRT database
  - Contains data on
    - “listed” teams – without warranty
    - “accredited” teams – pro-actively maintained
  - “listed” teams info is contact data
    - <http://www.ti.terena.nl/teams/>
    - “health warning” recently added
  - “accredited” teams info is extensive information including services, keys, representatives, and IRT object data
    - Available to accredited teams only
    - Maintained in 4-monthly cycle
- **News flash** → add a few fields to the dataset to allow one-stop-shopping for the accredited teams wrt the RIPE IRT-object (TI registers it automatically)



# TI – the fuel



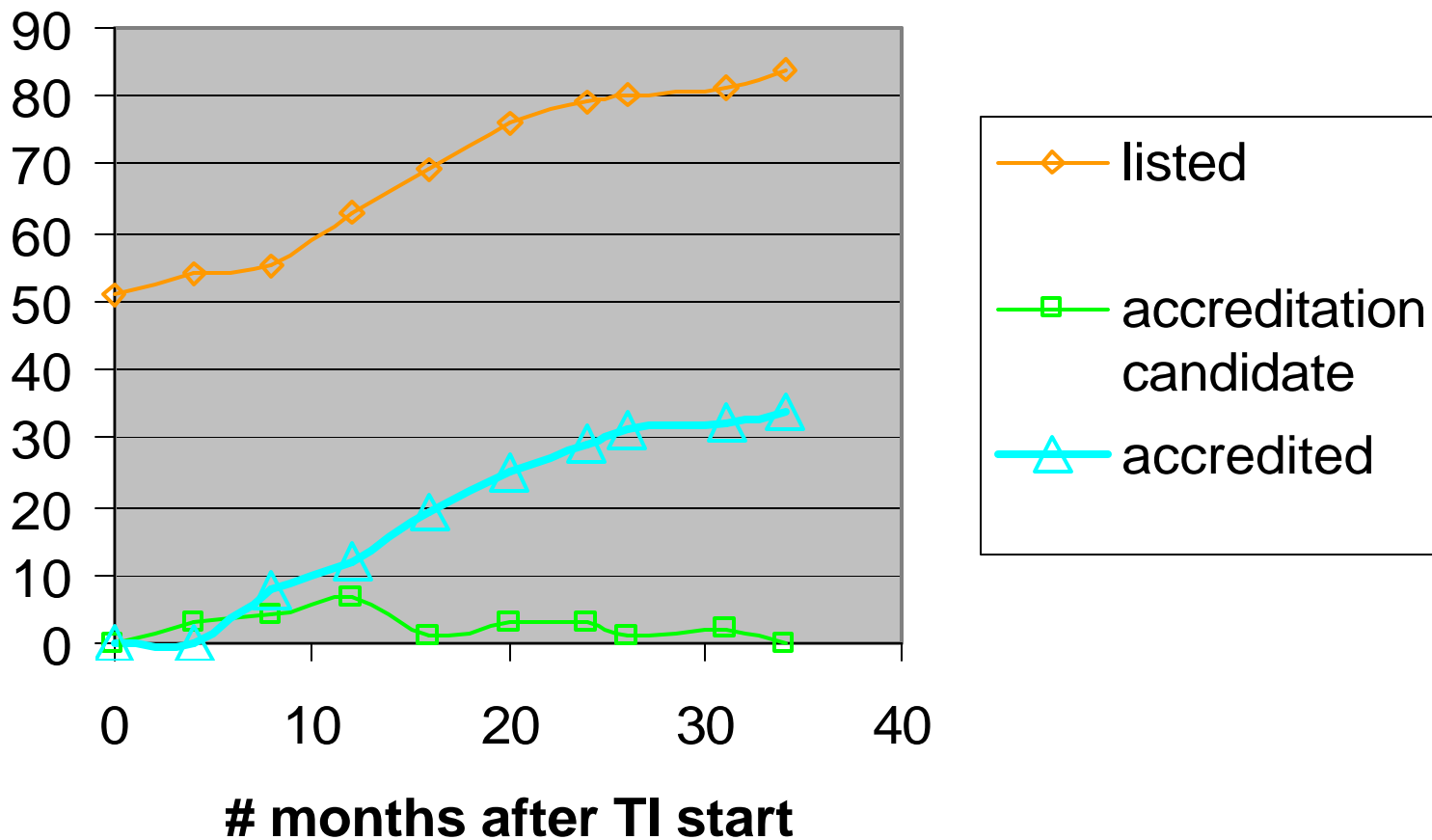
- The accreditation process
  - Formal process to go from “listed” status to “accredited” status
  - Takes 1-3 months typically
  - Requires:
    - Providing all data to be stored in the database
    - Having a well-defined CSIRT service and a constituency to serve, to fulfill the criteria
    - Being reachable for all accredited teams and preferably also for the wider community
    - Being prepared to actively maintain all data provided
- **News flash** → group formed to
  - define “code of ethics/conduct” for accredited teams
  - either to be added to accreditation
  - or provided as a first item in “accreditation +”
  - Group will reflect on further steps towards ?certification?



# TI – Statistics (i)



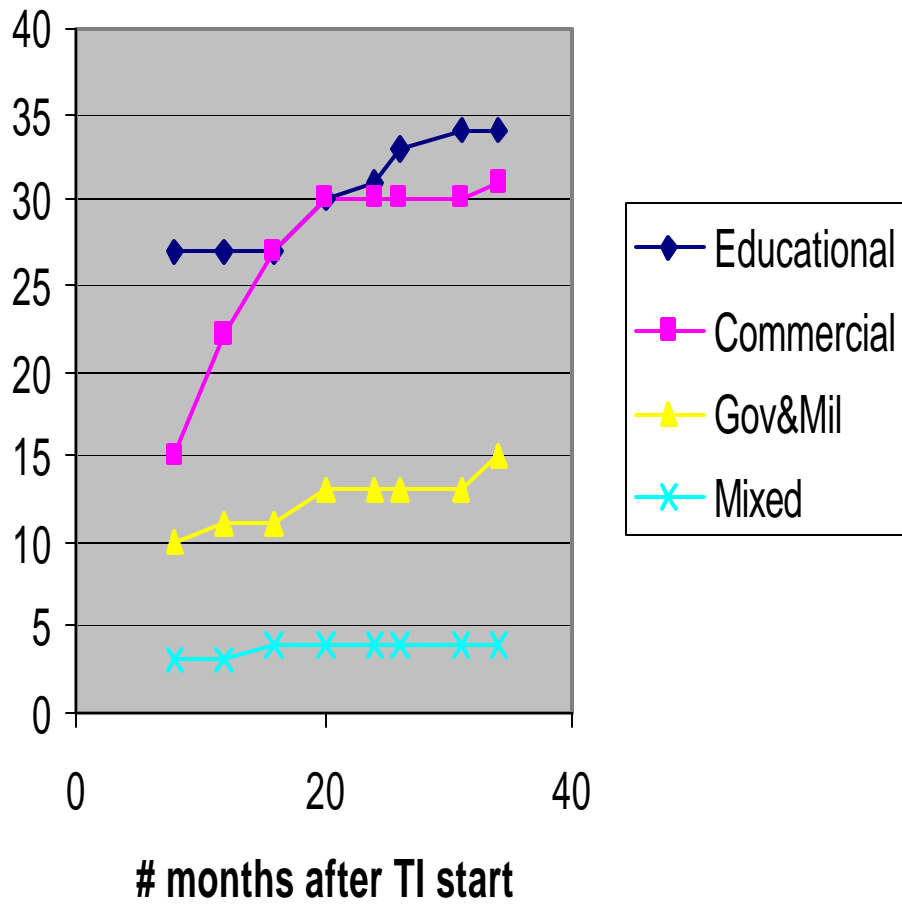
## # CSIRTs in TI repository



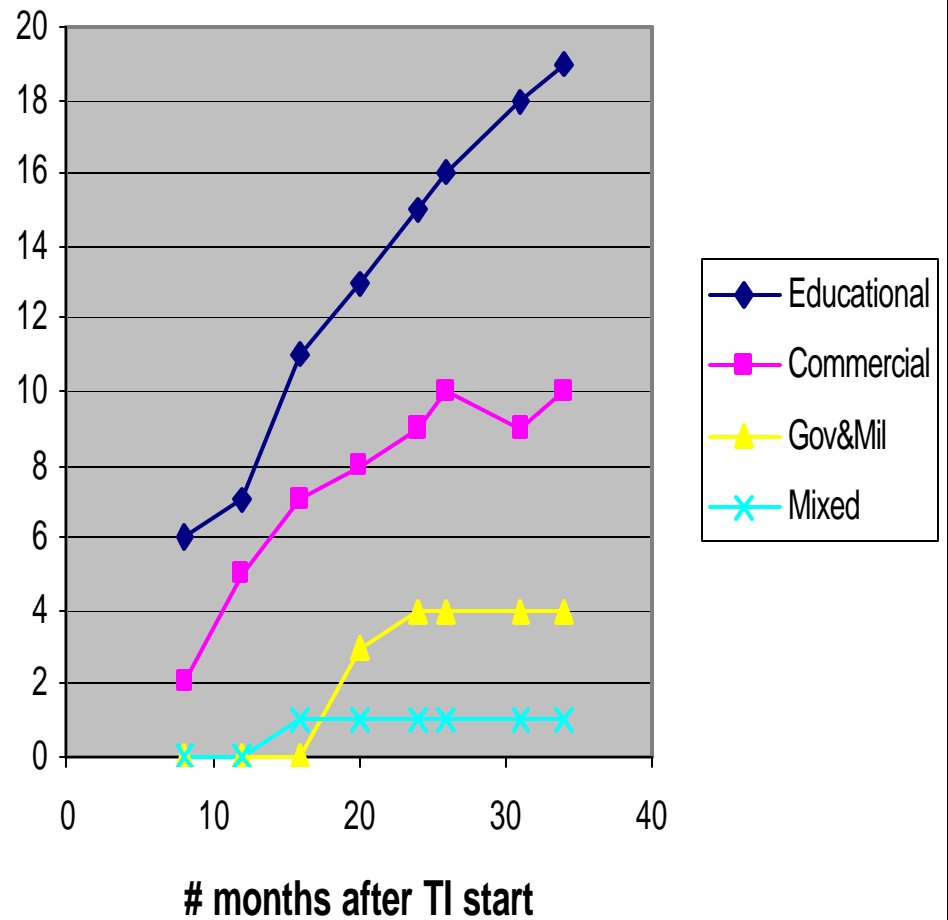
# TI – statistics (ii)



### # "Listed" CSIRTs



### # "Accredited" CSIRTs



# TI – the organisation



- The accredited teams fund the trust network as maintained by the TI by paying E 720 per year
- TERENA acts as clearing-house and contracting party
- The TI service is subcontracted to S-CURE of The Netherlands
- The TI Review Board (chosen by the accredited teams) oversees TI operation and decides in special cases
- **News flash** → accredited teams meetings will take place up to 3 times per year, plus special meetings can be called for



# TI – services (i)



- Public website
  - limited info on listed and accredited teams
  - Totally revamped in May 2003
  - “Health warning” for listed teams added September 2003
  - **News flash** → IRT-object related info and query-tool: to be added
  - PR-info: to be added
- This service is provided free of charge to the European CSIRT community by courtesy of the accredited teams



# TI – services (ii)



- Restricted website, accredited teams only
  - Full team-info, PGP keyring, CSV file with contact data
  - Terminology revamped early 2003
  - **News flash** → IRT-object links: to be added
  - **News flash** → Globalsign Server Certificate to be added, using a unique domain name for the TI
- Mailinglists, accredited teams only
  - Ti-accr-teams : accredited teams only, general discussions, official TI and Review Board postings
  - TI-accr-sharing : trusted information sharing between accredited teams only
  - **News flash** → refine the ti-accr-sharing use policy



# TI – services (iii)



- PGP-key signing, accredited teams only
  - Formal signing of accredited team rep-keys and team-keys going on since meetings in Zagreb and Warsaw
  - Retro-signing completed
- **News flash** → new services being looked into
  - Special services for abuse teams ?
  - Services building on eCSIRT.net infrastructure



# TI – thank you for your trust!



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