TWNIC Trusted Notifier Framework: Experience and Insights

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Why a Trusted Notifier Framework?

- DNS abuse threats (phishing, malware, botnets, etc. are increasingly global and sophiscated)
- Growing public demand for accountable domain governance
- Traditional response methods are often slow and face jurisdictional hurdles
- Need for fast, credible, and transparent cooperation
- The internet community shares a responsibility to protect users and maintain trust in the DNS.

Type / Legal Basis	Non .tw domain	.tw domain	Total
Administrative Orders	65,855	488	66,343
Fraud Crime Hazard Prevention Act	39,651	184	39,835
Narcotics Hazard Prevention Act	24,983	259	25,242
Tobacco Hazards Prevention Act	1,018	45	1,063
Sexual Assault Crime Prevention Act	166		166
Child and Youth Sexual Exploitation Prevention Act	37		37
Judgment	12	1	13
Copyright Act	8		8
Copyright & Trademark Act	3		3
Trademark Act	1	1	2
Total	65,867	489	66,356

*TWNIC data until Sep 2025

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What Is a Trusted Notifier Framework?

Definition: A formal framework for swift action based on mutual trust and pre-agreed rules.

Objective: Handle clear and serious abuse cases efficiently and transparently

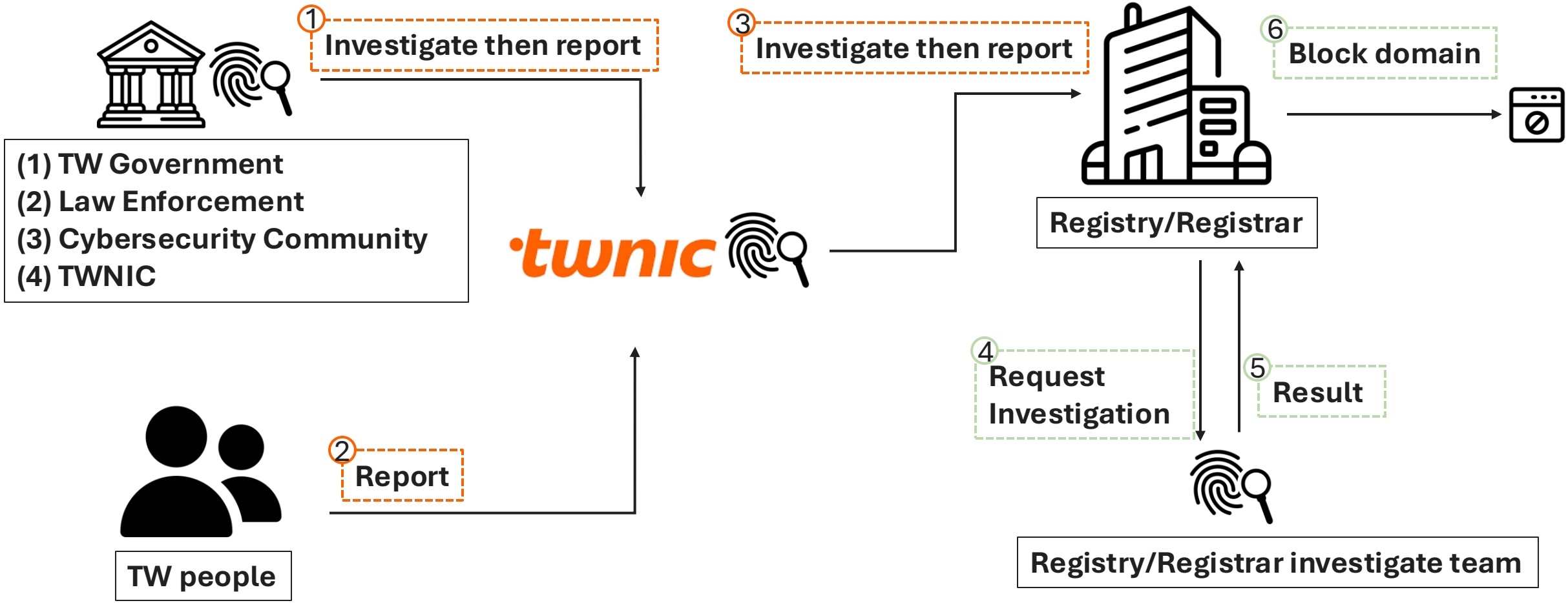
Core Principles:
Trust, Transparency, and Due Process

TWNIC collaborates with registries (.asia, .uk, .kr, .top) and registrars (CSC and LdotR)

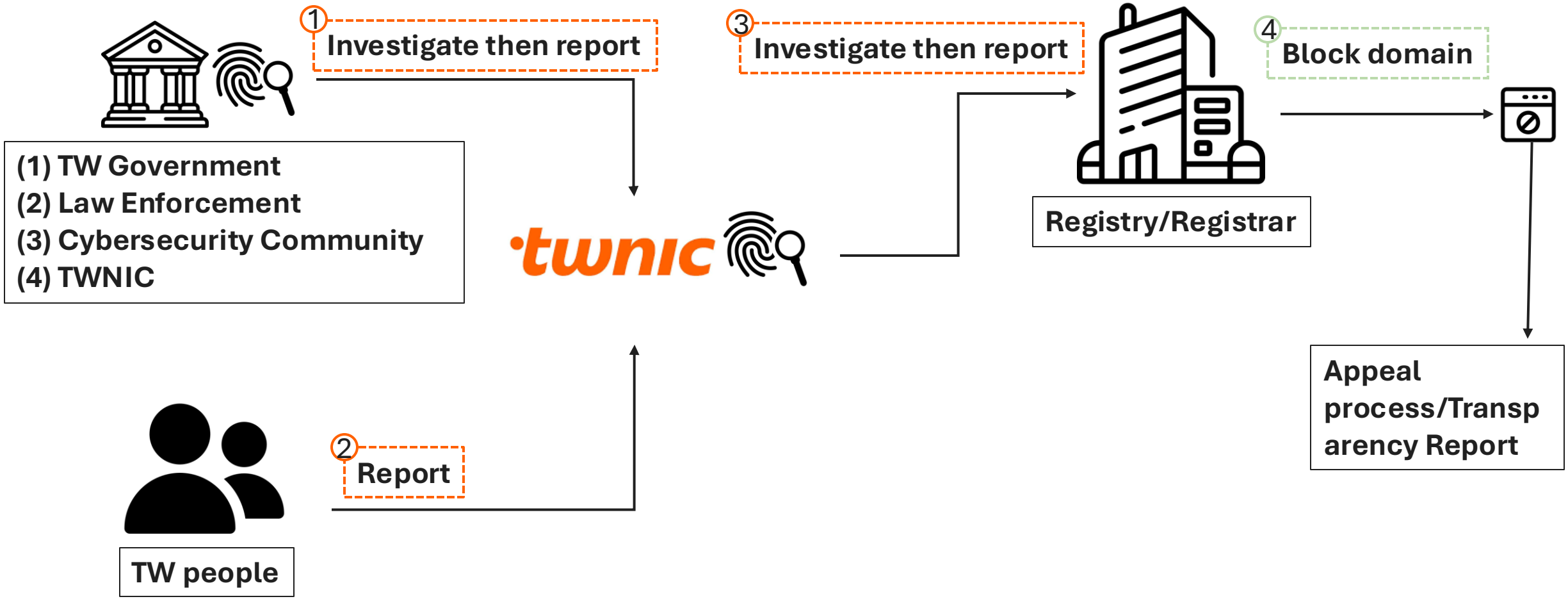
Focuses on DNS Abuse especially phishing

(1) Criteria for partnership (2) Trusted notifier agreement

Process flow without Trusted Notifier



Process flow with Trusted Notifier



Benefits of Trusted Notifier Framework

- Create a framework for expedited threat intelligence exchange and abuse handling
- Reduce the investigation burden of registrars and registries
- Strengthened International Cooperation: created effective channels for cross-border abuse mitigation.
- Proactive Defense: enabled action on credible threats before they escalate.

TWNIC’s Experience & Data

51 domains handled in 2025

78% confirmed phishing/fraud sites

Way to reduce average response time?

No appeals received so far

Challenges Faced and Next Steps

- Challenges - (1) Different criteria for different registrars/registries (2) Scale issue
- Expand trusted notifier partnerships (carefully vetted)
- Develop and demonstrate a successful, non-regulatory model for industry cooperation.
- Align with ICANN and GAC DNS abuse best practices

Contact

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Thank You.