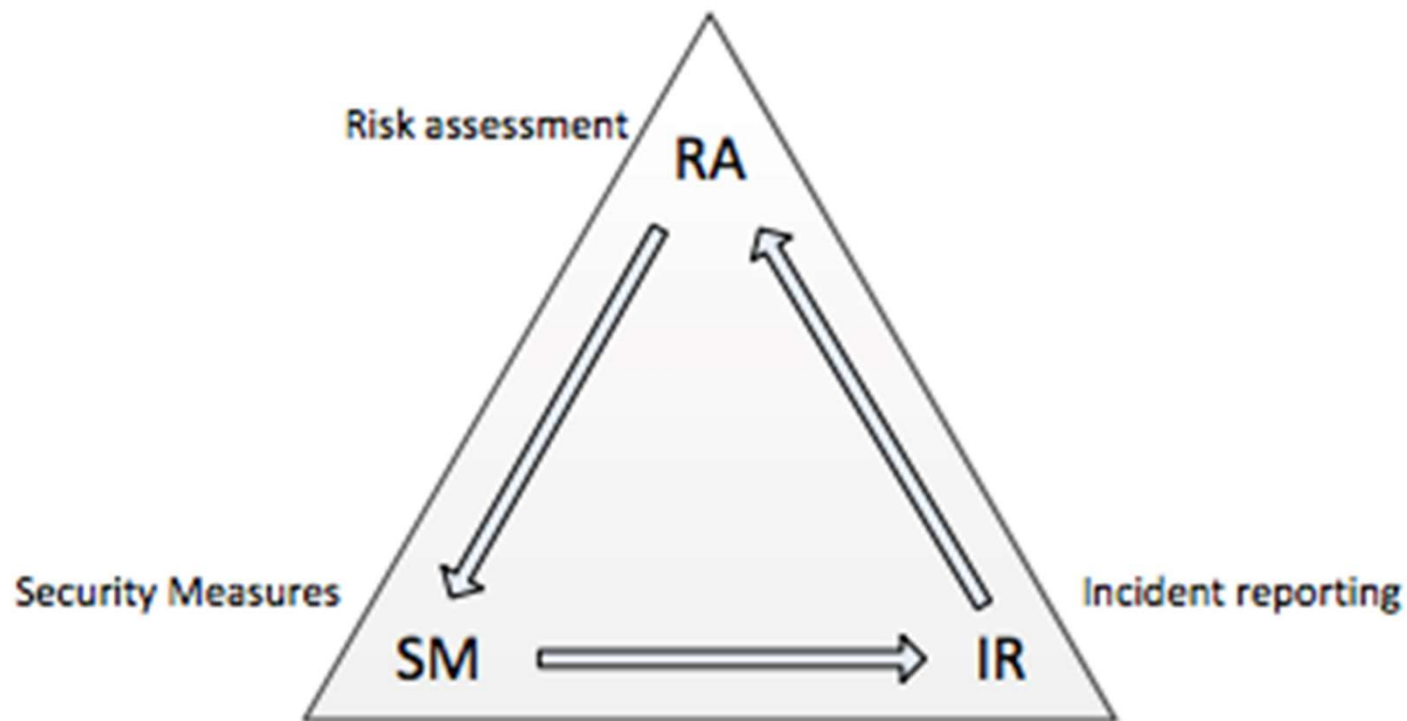


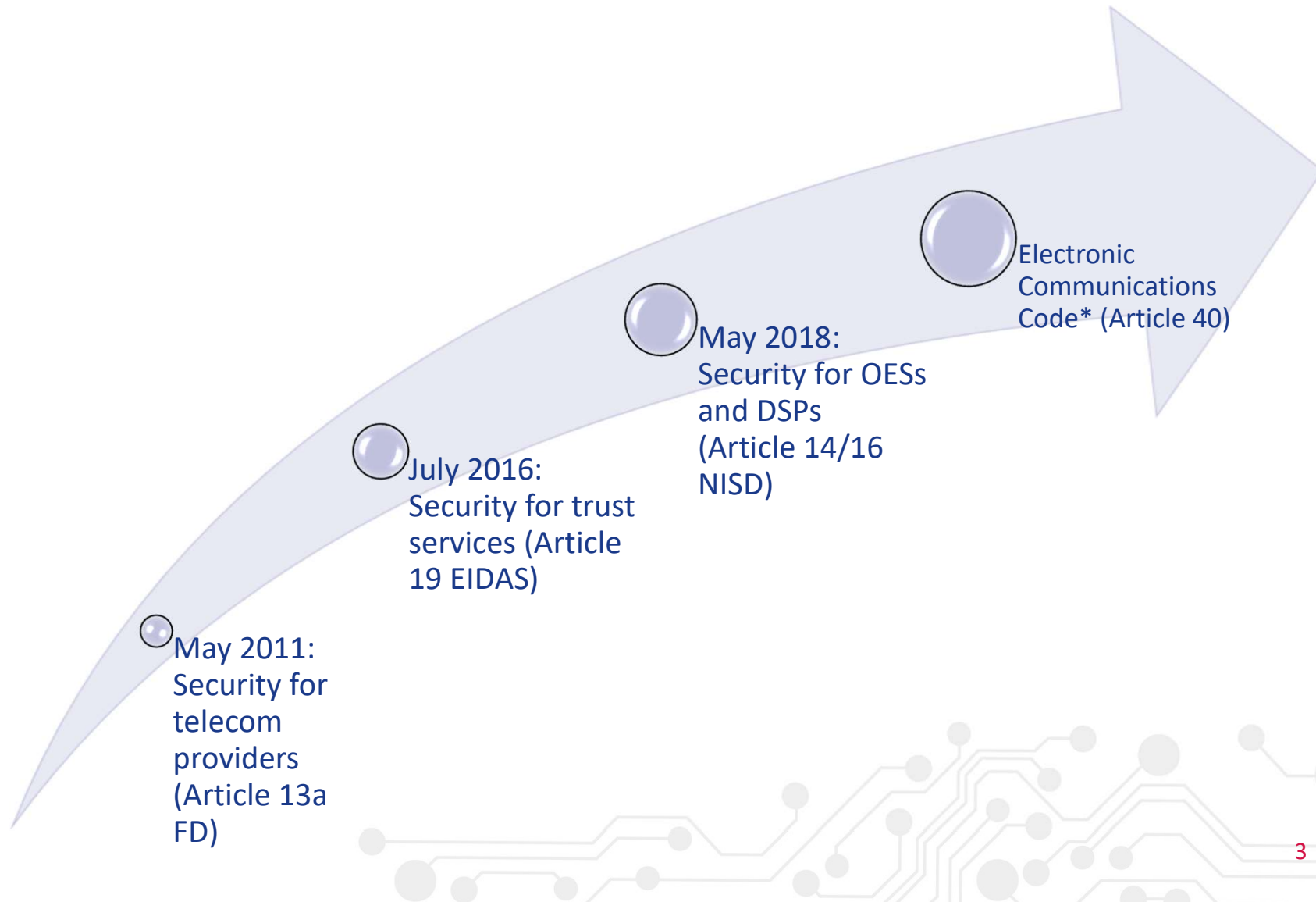
Supervision and incident reporting in the NISD



Security supervision in NISD



History of security supervision in EU legislation



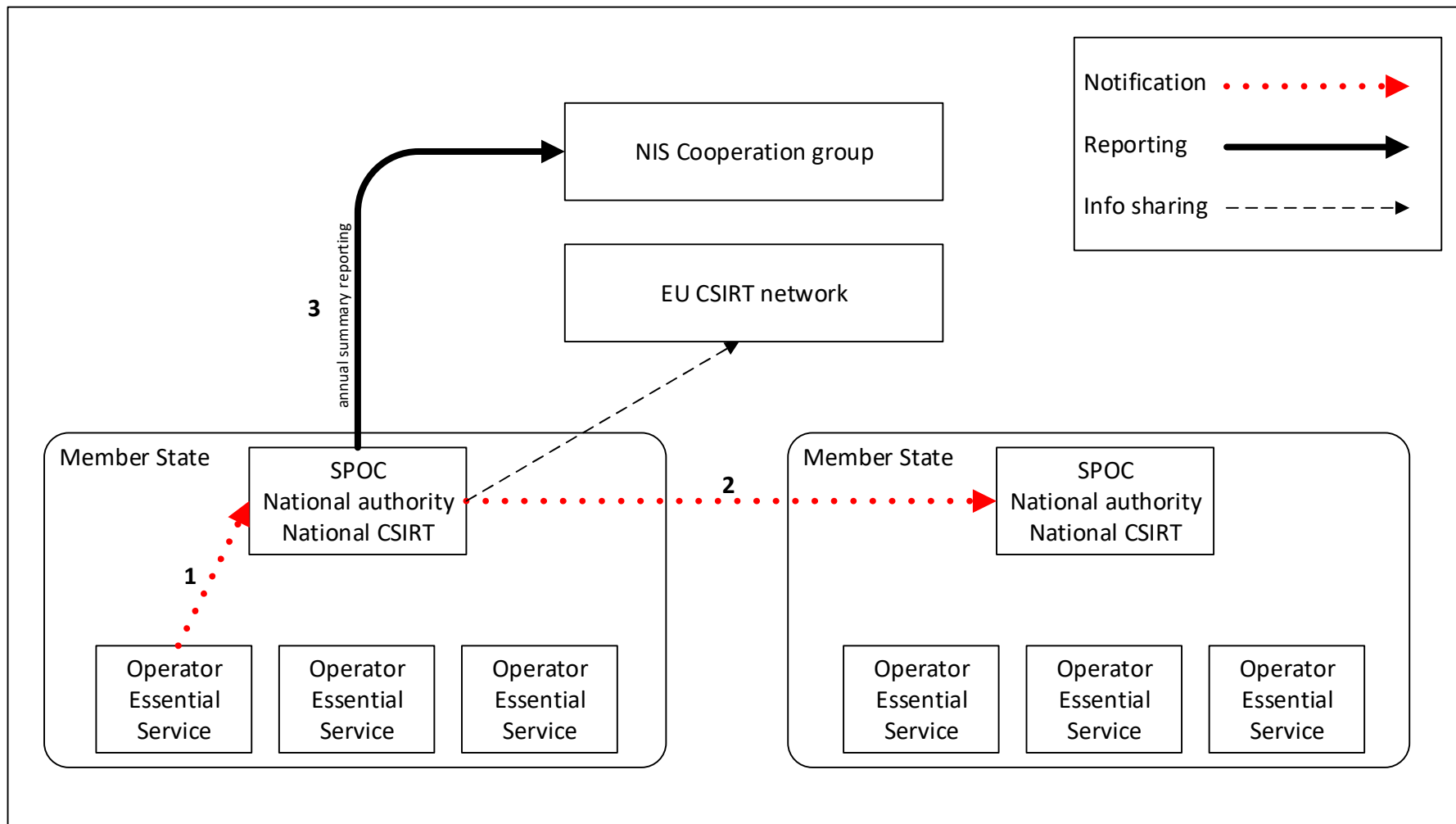
May 2011:
Security for
telecom
providers
(Article 13a
FD)

July 2016:
Security for trust
services (Article
19 EIDAS)

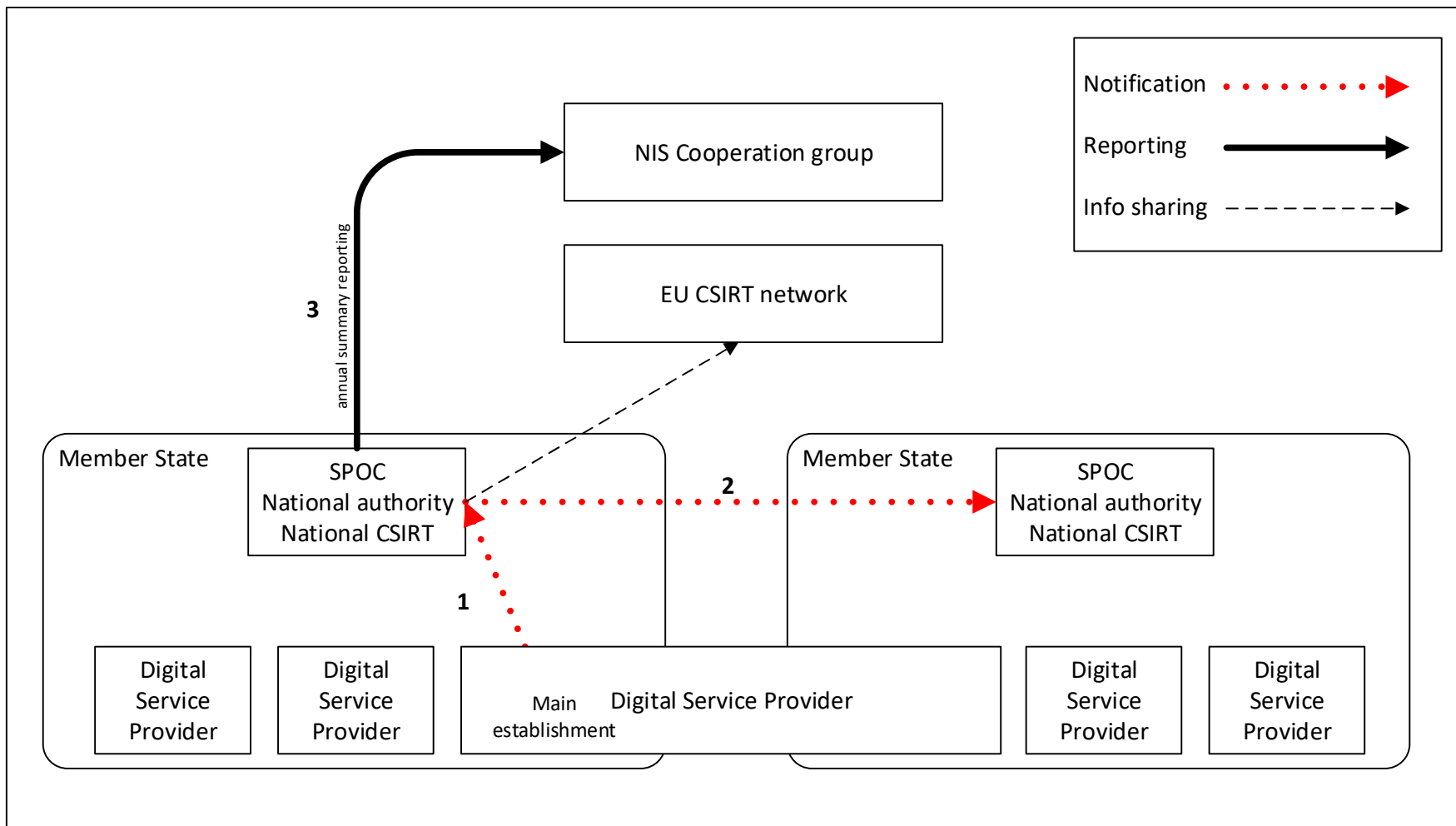
May 2018:
Security for OESs
and DSPs
(Article 14/16
NISD)

Electronic
Communications
Code* (Article 40)

NISD Incident notification for OES



NISD Incident notification for DSP



Benefits of incident reporting



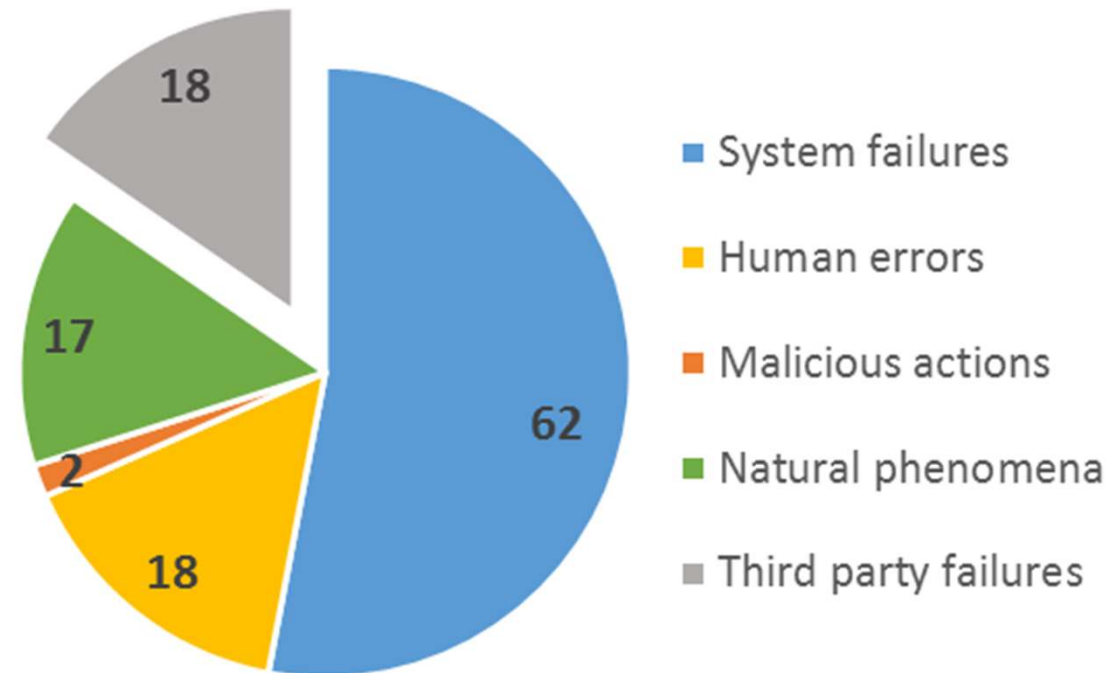
- Supervision mechanism for national authorities
 - No longer relying only on the news or customer complaints
- Driving supervision priorities nationally
 - Frequent issues can be followed up with the sector
- Informs policy making (national strategy, PPPs, etc)
- Bilateral collaboration in case of cross-border incidents
- Pan-EU collaboration to address cross-cutting issues
- Statistics about security incidents (see next slide)



Telecom sector: Root causes 2017



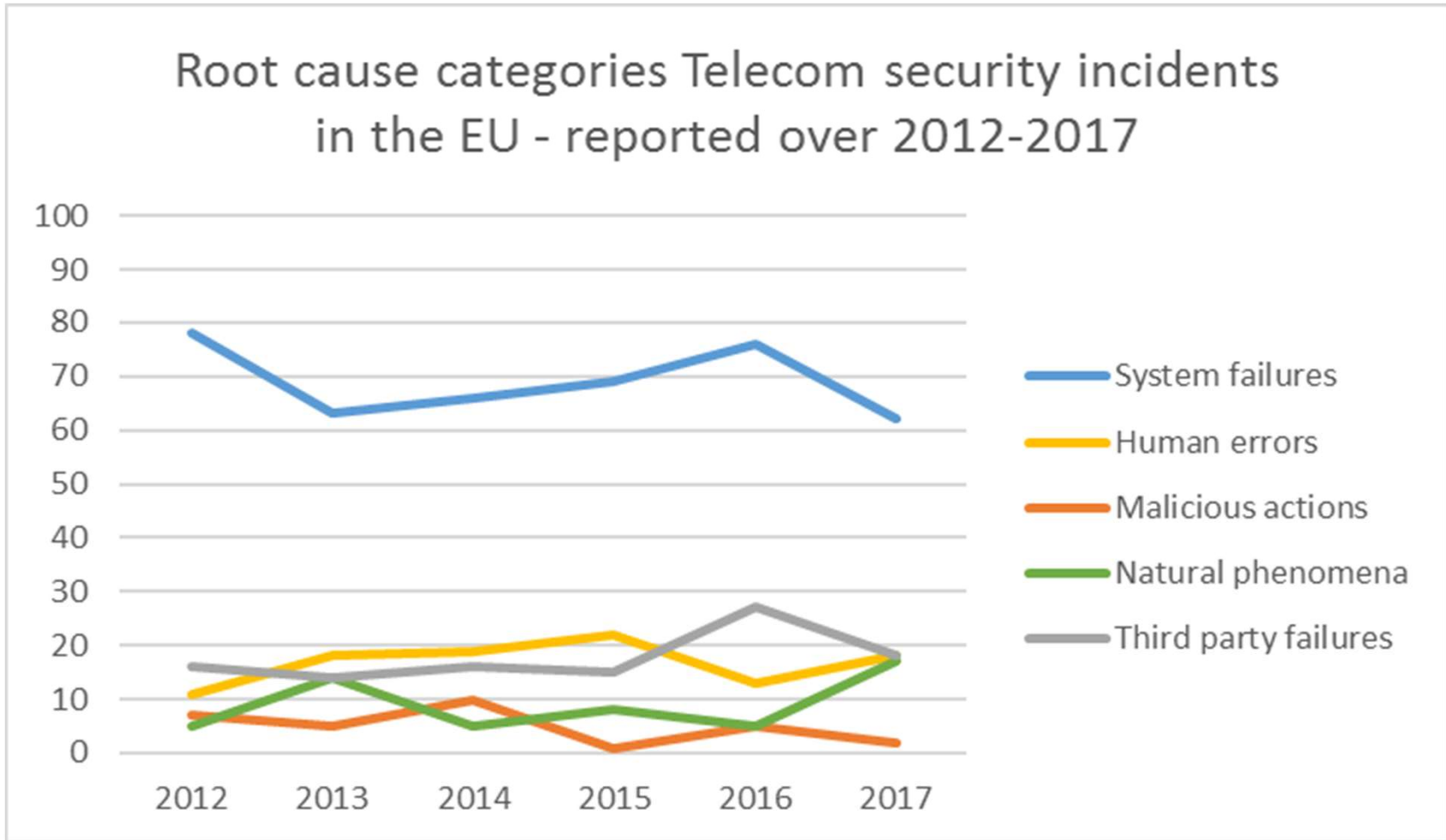
Root causes Telecom security incidents 2017



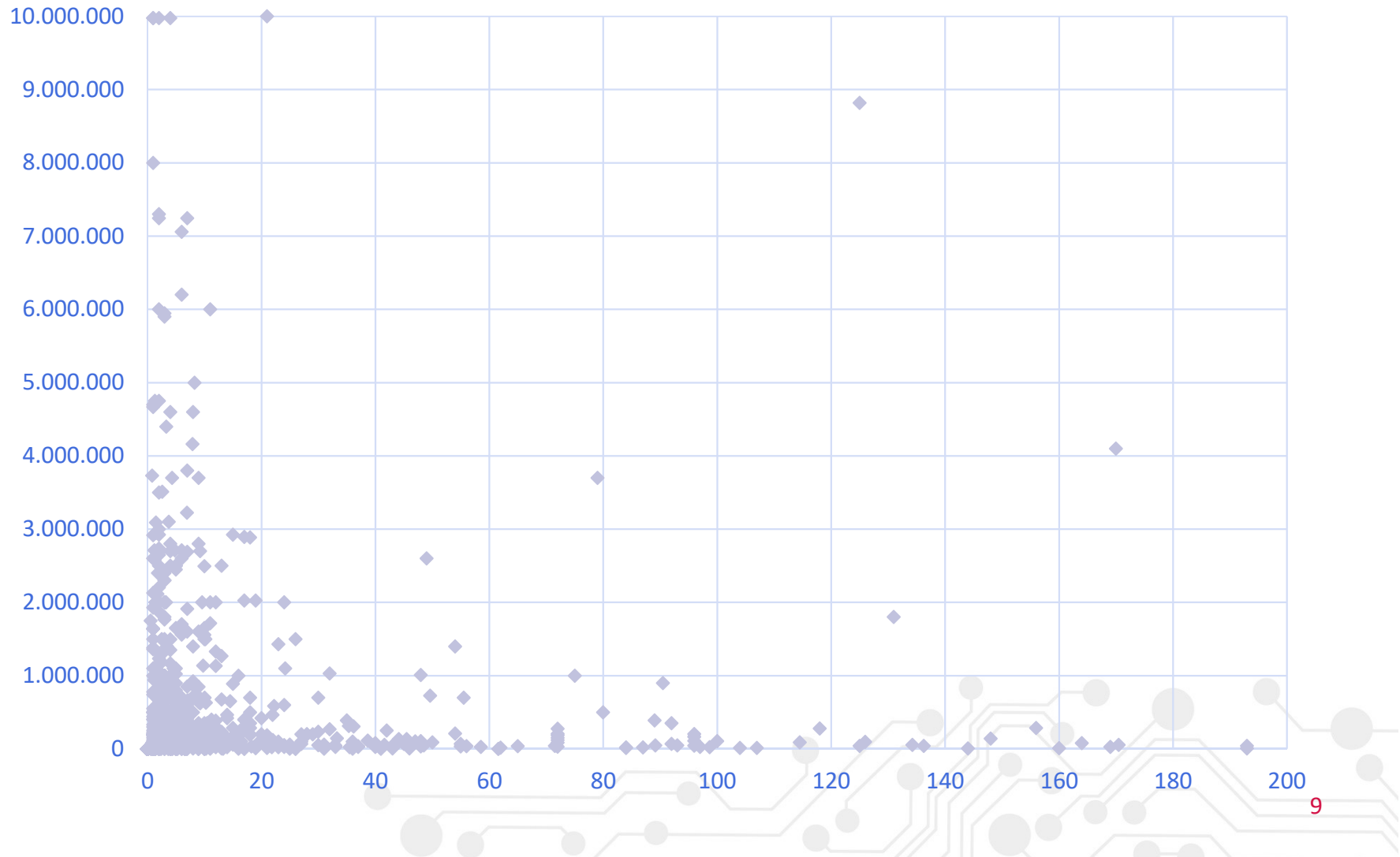
*) Major increase in incidents due to natural phenomena, wildfires, extreme weather, etc.



Telecom sector: Multi-annual trends



Telecom security incidents 2012-2017



Incident notification



- Most countries are developing:
 - Thresholds
 - Templates and forms
 - Reporting tools and platforms
- Difficult issues:
 - Awareness and culture about reporting
 - Trends and patterns
- Mandatory notification is one small part of the puzzle
 - Voluntary information sharing about threats and near-misses
 - Response by operational teams, CSIRTs etc
 - Drive improvements in the sector



In this session



- 4 speakers 11:30 – 13:00
 - Handling technical vulnerabilities in a fast-moving company
 - How Spain implemented and set up the NIS Directive
 - National and sectorial CSIRTs and cooperation models
 - NIS Directive implementation in Slovakia
- Discussion 14:00 – 15:00
 - What are the main challenges (for public and private sector) in dealing with incidents (not only operationally but strategically, long term).
 - What should be the next steps (i.e. what is the low hanging fruit).

