

# **Bulk cable interception**

A new collection-method available to the  
Norwegian Intelligence Service

How will it impact internet operators in Norway?

# Introduction

euro-IX



- Who am I, and why do I talk about this?
- 30-ish years in the IXP-world: Euro-IX, NIX.no etc
- 20+ years as technical expert in Intelligence Oversight
- The EOS committee oversees (among others)
  - Norwegian Intelligence Service (NIS)
  - Police Security Service (PST)
  - National Security Authority (NSM)
- Annual reports and special reports. All public and unclassified.



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# Why am I here on stage?

- Bulk Cable Interception is introduced in Norway
  - Cross-border electronic communication
  - For military intelligence use and for very specific purposes only
  - A long public debate, and a lot of public information
- All operators in Norway must comply
- Inform about the method and the requirements
- Hear comments, and talk about the subject.



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# Facilitated collection of cross-border electronic communication

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# About bulk collection

- Collection and storage of **all** communication on a «link»
  - Most of the information is uninteresting for the service
  - Don't know what is of interest until they have a specific case
- Will contain a lot of personal and sensitive information
- Common in most countries today
- Rulings in the EU court and European court of human rights
  - Big brother watch, Centrum för rättvisa
  - Privacy International, La Quadrature du Net
  - Sets a number of requirements for bulk collection to be legal
  - Several countries have changed their laws.

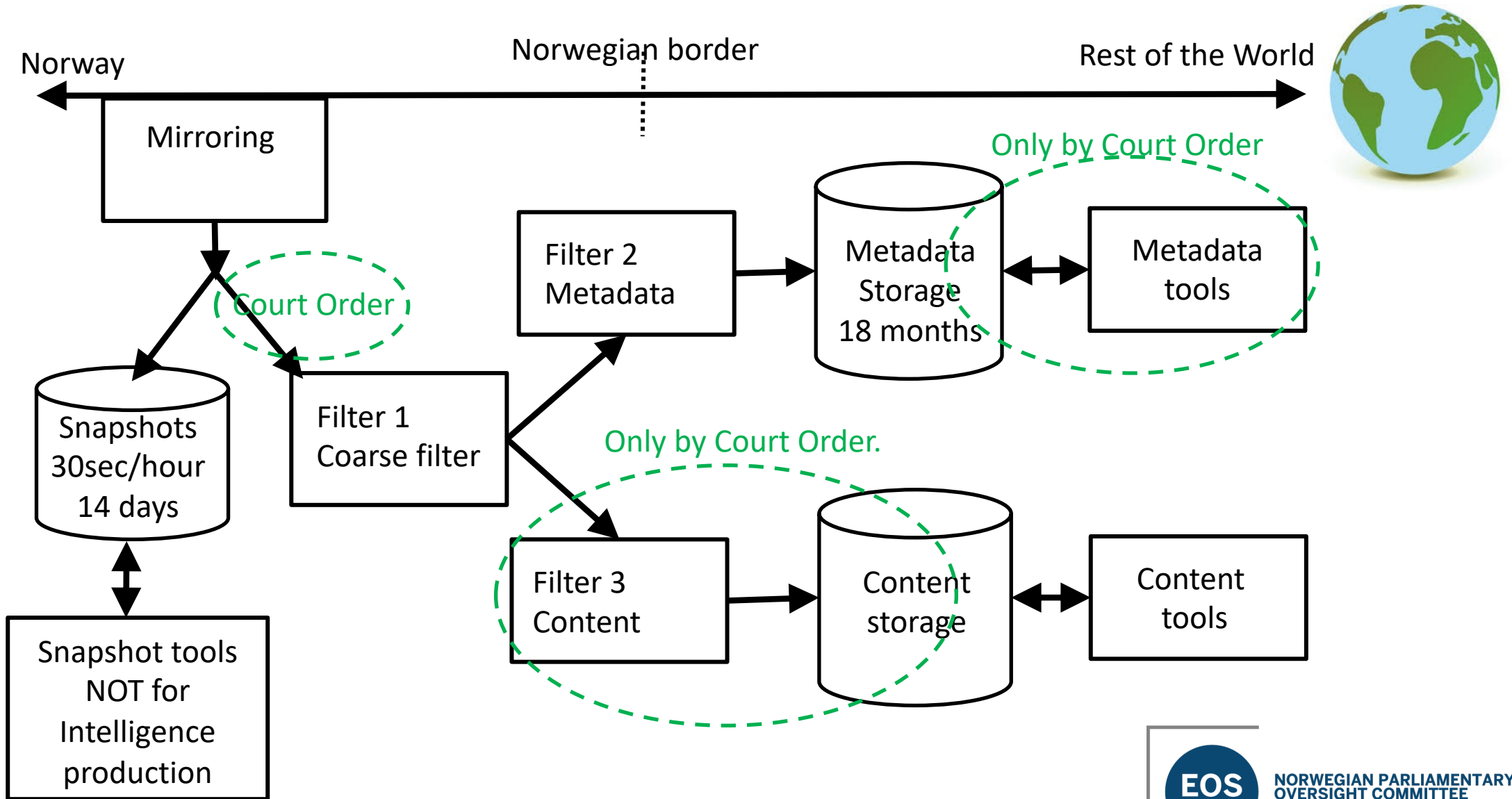
# About bulk collection in Norway

- «Facilitated collection of bordercrossing communication»
  - In norwegian: «Tilrettelagt innhenting» or «**TI**»
  - Part of a new law for the military intelligence service (NIS)
- Who must facilitate for this bulk collection?
  - «Providers covered by section 1-5 of the Electronic Communications Act»
    - All providers of public digital services or networks in Norway
  - «and providers of internet-based communications or messaging services available to the public».

# How to control bulk collection

- Based on requirements from the European court of human rights
  - End to end safeguards
    - Control before, during and after the bulk collection
  - Several independent control bodies
- A special court is appointed to decide what is allowed
  - Regulate collection and operations before it start
  - Sets rules for the usage of the collected information
- The EOS-committee will control the usage of the method
  - During all phases of collection and operation
  - Usage of collected information.

# How does «TI» work





# What will operators be asked to do?

- «Facilitate selection, filtering, testing, collection, storage and queries as described in this chapter» Section 7-2
- Mirror and transmit communications in real time
- Provide technical information about the communication
- Allow installation of equipment
- Assist in the operation and the maintenance of the solution
- Remove encryption controlled by the operator
  
- Keep it confidential!
  
- Extra expenses incurred will be covered.



# Timeline

- The law is in effect now
  - With some restrictions on intelligence production
- Revised chapter about intelligence production
  - Expected first half of 2023
- Expect to be contacted during 2023, or earlier.

Please contact me if you  
have questions or comments!