

USER-CENTRIC SECURITY AND PRIVACY TOOLS

Recommendations for
policymakers

1. PRIORITISE “BY-DESIGN” METHODOLOGIES

Ensure that “by-design” methodologies such as ethics by design, privacy by design, and security by design are a standardised part of technological development policy.

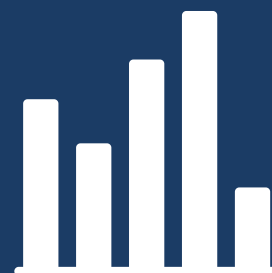


2. DEFINE PARAMETERS FOR MEASURING S&P TOOLS' IMPACT

Define clear parameters for measuring the impact of the developed S&P tools both during the development process and after.

3. DEVELOP METRICS FOR MEASURING S&P THREATS

Develop metrics to assist with measuring privacy threats, risks, or a loss of privacy.



4. BALANCE DATA MINIMISATION WITH USEFUL DATA COLLECTION

Increase investment & research into the balance between data minimisation and useful data collection, including assessing the impact of data minimisation versus data collection in different scenarios and collecting data which can help ascertain the costs of S&P threats, breaches, and attacks.

5. MONITOR THE DEVELOPMENT AND SALE OF S&P TOOLS

Place limits on the sale of tools that enable surveillance and/or censorship to “protect” users’ S&P. Such technologies should be proactively assessed to ensure they strikes a sufficient balance with regards to data protection.



6. INVEST IN INTERDISCIPLINARY R&D

Increase investment and funding into interdisciplinary R&D of S&P tools including investment into training and education programmes that is inherently interdisciplinary to foster mutual understandings across different disciplines.

7. DEFINE PRIVACY IN AN INTERDISCIPLINARY WAY

Fund and support research into the development of an interdisciplinary framework to help define and understand privacy across different disciplines and from different perspectives.



8. IDENTIFY WAYS TO PROMOTE S&P TOOLS TO THOSE THAT NEED THEM

Identify methods to promote S&P tools to audiences that need them the most and how to foster public engagement with such technologies.

9. FOCUS ON ENHANCING DIGITAL LITERACY

Provide investment and support towards enhancing digital literacy through training, awareness raising, and harnessing existing media communication strategies to spark real interest in the digital divide and S&P.



10. CREATE UNIVERSAL USABILITY STANDARDS FOR S&P TOOLS

Create usability standards for S&P tools that are particular to vulnerable persons and those with reduced digital literacy. These standards should be universally applied to S&P tools, even where vulnerable people are not the target audience.

