Cybersecurity

The EU has outlined a cybersecurity strategy to boost Europe’s ability to fight and recover from cyberattacks.

We carry out a lot of our lives online. Since the pandemic, this shift to the digital world has become even more apparent. We have relied on the Internet to keep in touch with loved ones, buy new products, and work from home.

However, as well as new opportunities, the move to a more digital world has also brought new threats in the form of cyberattacks. Cyberattacks are used to steal data, spy on users, disable or manipulate computers and more. They not only target personal computers, but also entire networks, and can be carried out by individual hackers, groups of hackers or even countries.

If the move to digital is to be successful, European citizens and businesses must be able to benefit from new technologies without compromising their cybersecurity. The EU’s Cybersecurity Strategy aims to strengthen our collective cybersecurity and our response to cyberattacks. It will build a stable and secure global Internet where the rule of law, human rights and democratic values are protected.

The strategy has three areas of action:

1. resilience, technical sovereignty and leadership;
2. operational capacity to prevent, deter and respond;
3. cooperation to advance global and open cyberspace.
And, the EU is working to improve cybersecurity skills and promote effective action to the public, so we can all help to keep the digital world safe. Cybersecurity is also a key area in the Digital Europe programme. The programme aims to strengthen cybersecurity coordination between EU countries, and to fund the resilience of EU countries to cyberattacks.

Follow the latest progress and learn more about getting involved.
The European Cybersecurity Competence Centre and Network is now ready to take off

The regulation establishing a new Cybersecurity Competence Centre and a Network of National Coordination Centres has entered into force this week. The Cybersecurity Competence Centre,
which will be located in Bucharest, will contribute to strengthening European cybersecurity capacities and to boosting research excellence and the competitiveness of the Union's industry in the cybersecurity field.

PRESS RELEASE | 23 June 2021
EU Cybersecurity: Commission proposes a Joint Cyber Unit to step up response to large-scale security incidents

The Commission has laid out a vision to build a new Joint Cyber Unit to tackle the rising number of serious cyber incidents impacting public services, as well as the life of businesses and citizens across the European Union. Advanced and coordinated responses in the field of cybersecurity have become increasingly necessary, as cyberattacks grow in number, scale and consequences, impacting heavily our security. All relevant actors in the EU need to be prepared to respond collectively and exchange relevant information on a 'need to share', rather than only 'need to know', basis.

PRESS RELEASE | 16 June 2021
Commission to invest €14.7 billion from Horizon Europe for a healthier, greener and more digital Europe

The Commission has adopted the main work programme of Horizon Europe for the period 2021-2022, which outlines the objectives and specific topic areas that will receive a total of €14.7 billion in funding. These investments will help accelerate the green and digital transitions and will contribute to sustainable recovery from the coronavirus pandemic and to EU resilience against future crises. They will support European researchers through fellowships, training and exchanges, build more connected and efficient European innovation ecosystems and create world-class research infrastructures.

PRESS RELEASE | 07 June 2021
Security Union: EU rules on removing terrorist content online enter into force
Landmark EU rules on addressing the dissemination of terrorist content online entered into force this week. Platforms will have to remove terrorist content referred by Member States' authorities within 1 hour. The rules will also help to counter the spread of extremist ideologies online - a vital part of preventing attacks and addressing radicalisation.

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The Cybersecurity Strategy

The EU Cybersecurity Strategy aims to build resilience to cyber threats and ensure citizens and businesses benefit from trustworthy digital technologies.

Cybersecurity Policies

The European Union works on various fronts to promote cyber resilience, safeguarding our communication and data and keeping online society and economy secure.

Source URL: https://digital-strategy.ec.europa.eu/policies/cybersecurity