

Paths to our Digital Future
2017 Global Internet Report



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Drivers of Change

The six key forces that will have a profound impact on the future of the Internet in the years to come.



Areas of Impact

The three critical features related to the future Internet, upon which the Drivers will have a decisive impact.



Drivers of Change

Technological, economic, regulatory, security and network related challenges for the future Internet.

In all cases, the implications of one Driver are inextricably tied to another.



The Internet and
the Physical World



Artificial
Intelligence



Cyber
Threats



The Internet
Economy



Networks,
Standards and
Interoperability



The Role of
Governments

Drivers of Change

The Internet & the Physical World

The lines of separation between the digital and physical worlds will continue to blur, altering economies around the world but also raising a host of security and privacy concerns.



Drivers of Change

Cyber Threats

The scope and severity of global cyber threats and how we respond to it will have far-reaching consequences for the future of the Internet.



Drivers of Change

The Role of Government

As the Internet becomes more deeply embedded into every aspect of our lives, governments will play a far more active role in ways that will impact the economy, civil rights, freedoms and the Internet itself.



Drivers of Change

Artificial Intelligence

Advances in Artificial Intelligence and Machine Learning will transform the world with such speed that society will struggle to address crucial ethical considerations and economic consequences.



Drivers of Change

Networks, Standards & Interoperability

The speed of innovation in the next 5-10 years will challenge the general purpose, global reach and interoperability of the Internet.



Drivers of Change

The Internet Economy

In a hyperconnected world, no sector of the economy will be untouched by technology and only those who adapt quickly to technological change will be successful.



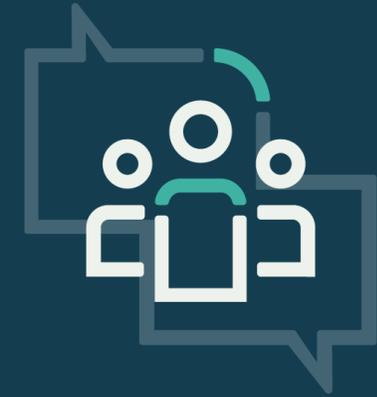
Areas of Impact

Our community identified three issue areas that are crucial for the future Internet.

These issue areas also reflect the Internet Society's fundamental belief that the interests of the user and society must remain at the forefront of any discussion on the future of the Internet.



Personal
Freedoms and
Rights



Media and
Society



Digital Divides

Areas of Impact



Digital Divides

The Digital Divide of the future will no longer be only about access to connectivity but will be linked to security and the ability to leverage the Internet for a broad range of economic opportunities.

Areas of Impact



Personal Freedoms & Rights

Personal Freedoms & Rights and Freedoms online face an uncertain future. Declining trust, extreme cybersecurity laws, and the wave of technological transformation all pose grave threats to fundamental rights like free speech and privacy.

Areas of Impact



Media & Society

Ubiquitous connectivity will transform media and societies across the globe. Emerging technologies and the growing interconnectedness of our economies will continue to shape social norms, how communities are formed, and how opinions are shared.

Among our findings: Digital Divides

- Many nations may be left behind in the evolution of AI and IoT
- A new security divide will materialize
- Consolidation of networks and platforms will affect and limit new opportunities



Conclusion

- Human values must drive technology development and use
- Human rights apply online as well as offline
- Put users interest first regarding their own data
- Act now to close digital divides
- Take a collaborative approach to security
- Empower people to shape their own future



Thank you.

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