

BUILDING BLOCKS for an INTERNET AGE

Every time you go online to watch a video, buy a book, send an email or post a tweet, your data traffic travels along networks built using ITU standards. For 20 years, the Internet has thrived on the technologies we defined for broadband networks, video, security, ecommerce and conferencing. And we are working hard to keep the Internet running smoothly for the next 20 too.

That's a staggering **54x** more than 2005

81
EXABYTES

More, more, more

By 2016, there will be 81 exabytes of traffic on the Internet every month

Your traffic, our standards

95% of Internet traffic is carried on optical transport networks that have been built using our standards

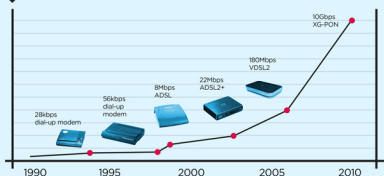
95%

We connect you

Over 600 million people have a fixed broadband connection to the Internet

600 million

From modems to fiber, our standards have built the broadband era



Enabling mobile broadband



Mobile broadband subscribers benefit from the spectrum bands that we allocate on a global basis, so your devices can work wherever you go

We also allocate spectrum bands for Wi-Fi and other wireless technologies



It's your Internet

Each day you



Upload 300 million photos to Facebook



Watch 130 million hours of YouTube



Send 500 million Tweets



Like 2.7 billion updates

Content matters

Our standards help you make, share and access content



80% of web video uses our Emmy-winning ITU-T H.264 codec, and its successor will improve video compression by a further 50%



Our PKI e-commerce standard was the foundation for an industry now worth \$1 trillion



ITU-T H.323 is the world's leading VoIP standard, providing real-time voice, video and data communication

Enriching our digital lives

Our work doesn't end there. Our initiatives are continuing to improve the online experience

Networked car



Bridging the digital divide



Green ICTs

Universal charger



Child online protection



e-health

Working together

Together with fellow standards bodies such as the ISO, IEC, IEEE, IETF, 3GPP and W3C we ensure healthy growth and innovation in the Internet.

The ITU is the United Nations specialized agency for information and communication technologies. We allocate global radio spectrum and satellite orbits, develop the technical standards that ensure networks and technologies seamlessly interconnect, and strive to improve access to ICTs to underserved communities worldwide.

SOURCES:

Cisco, Economist, ABI, Twitter, Me Feedia, Facebook, Youtube Instagram, ITU, IMRG

