

# On the path to the Metaverse

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Meta cares about **connecting people**



2.6 B people use at least one of our services on a daily basis

Meta's **mission**:

Give people the power to build **community**  
and **bring the world closer together.**

# We are about to take **the next step in** the evolution of **communication**

## READ



Written  
*Handwritten, Print*

## HEAR



Voice  
*Telephone, Cellphone*

## WATCH



Video  
*Smartphone, Mobile Internet*

## FEEL



**Embodied**  
*The metaverse: Embodied Internet*

Global communication has continued to evolve. The next step is about **presence**:  
to *feel* what you're communicating. To interact as you communicate.

# Some products **already launched**



Some products **already launched**



Some products **already launched**

Ray-Ban | FACEBOOK



# Our products are stepping stones on the journey to making the metaverse a reality



**Remote Presence**

Bring the metaverse  
into your home



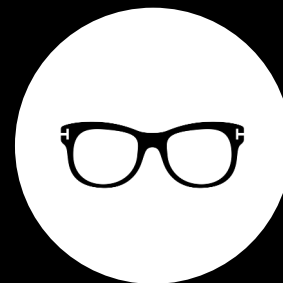
**Virtual Reality**

Look into the Metaverse



**Wearables**

Interact with the  
metaverse



**Augmented Reality**

Layer the metaverse  
over the real world



**Spark AR**

Create in the  
metaverse

# EssilorLuxottica Partnership

We envision a world where smart glasses enhance and deepen human connection.

- But until now, smart glasses haven't been stylish or comfortable.
- Facebook and EssilorLuxottica Group have entered a multiyear partnership to develop the next generation of smart glasses.
- We pair Luxottica Group's iconic styles and category leadership with Meta's technology to help people stay better connected to friends and family.
- Ray-Ban Stories enable you to Capture, Share, and Listen - check it out!





# Project Aria

- Research device that helps us understand how to build the ultimate AR glasses
- Uses sensors to capture video and audio from the wearer's point of view, as well as eye movement and location data to help our engineers and programmers figure out how AR can work in practice.

Data from Project Aria will be used to help us explore technical and ethical questions arising in the development of the AR glasses, including:

- Object detection and tracking
- Spatialized audio
- Scene reconstruction
- Multi-modal AI learnings



# CTRL: Labs Technology

CTRL- Labs adds wrist-based input technology into our research work streams as we explore a world beyond mobile phones, into immersive computing

- Acquisition of CTRL-labs in Sept 2019
- The neural interface research program is exploring how wrist-worn surface electromyography (EMG). can translate neural signals into digital commands to control your devices.
- Since joining RL Research, the CTRL-labs team has focused on integrating wrist-based EMG technology into our interaction research to create a wearable that enables subtle intuitive interaction schemes, dynamically adapting across all users and environments.



# The Metaverse Today (Beta)



Meta Horizon Workrooms

# Metaverse: a few years from now



# The Metaverse needs multiple diverse talent to be built responsibly

So much innovation is needed from new technologies to new interoperability and ethical questions to address.

We partner with hundreds of innovators from startups to large public companies, research centers, and universities.

Come partner with us, let's build the future together!

FACEBOOK     