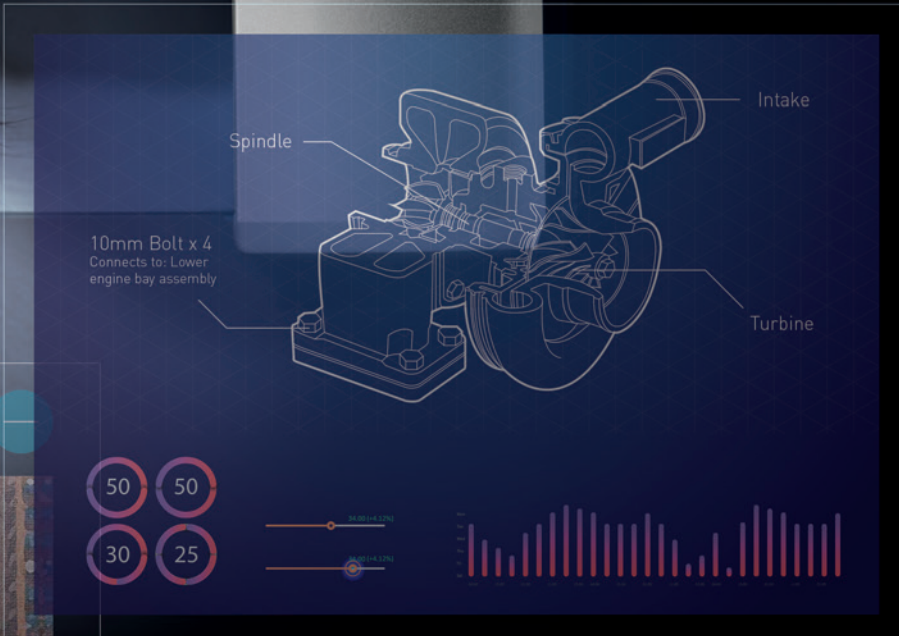


Moverio smart glasses range

See the future of your business

MOVERIO
A new way of seeing the world



Dental Surgery 13:42PM

Currently selecting Movie Talk to your dentist

New York

Oil. John Doe. 1998

Point of focus
Background

The artist's application of duller, more washed out tones creates a brilliant

More from this artist

50 50
30 25

50.00 (4.00%)
25.00 (4.00%)

EPSON[®]
EXCEED YOUR VISION



Captivate imaginations with AR

Epson Moverio smart glasses, paired with Epson-certified independent software vendor (ISV) solutions, are delivering real benefits to a range of industries. Using augmented reality (AR), enhanced communication methods and hands-free heads-up displays, Epson is driving the deployment of smart glasses into key vertical markets.

Moverio smart glasses and Epson ISVs provide commercial markets with bespoke and off-the-shelf solutions, creating a new way of seeing the world. Seamlessly merging the digital and physical, the cutting-edge technology is enabling forward-thinking companies to unlock new opportunities and grow their businesses for tomorrow.

Harnessing the knowledge of our expert developers' insight from the industries AR can serve best, we're bringing the future of engineering, healthcare and attraction experiences to the present.

www.epson.eu/moverio



Epson's Si-OLED micro display brings information to life like no other medium

Epson's own Si-OLED micro display technology has been developed to produce sharp detail and vivid colours on a see-through display. Thanks to the contrast ratio of 100,000:1, unused display space appears truly transparent and with an HD (720p) resolution, content can be overlaid onto the real world to create a high quality AR experience. Moverio also supports side-by-side 3D.

Advanced heads-up display

Epson's binocular display provides a wide field of view right in front of your eyes. The display size is superior to monocular smart glasses¹ and lends itself perfectly to applications in the remote assistance and visitor attraction markets. When compared with monocular smart glasses¹ Epson Moverio smart glasses can improve eye comfort when performing tasks that require longer-term usage and also when performing delicate tasks.

Furthermore, the user can benefit from a lightweight and comfortable heads-up display which cannot be achieved by a smartphone or tablet. The glasses-style design is familiar and ergonomic, and allows the user to keep their hands free to interact with their surroundings.



SaarGummi

CQLT SaarGummi Technologies, headquartered in Luxembourg, is an expert in sealing systems. It chose Epson's Moverio smart glasses as a platform to roll out a remote support programme to its global offices.

The company is a leading supplier to the automotive and construction industries and employs about 6,500 people in 21 locations worldwide.



“In the development of the ‘SaarGummi Remote Support Glasses’, our primary aim was to establish a quick and easy way to communicate with colleagues around the world. It’s helpful to be able to show manuals, pictures or even short clips to the employees in their field of view. We are able to do this with the Moverio smart glasses. We’re very satisfied with the solution.”

Volker Schumacher – Innovation Scout and Global Program Key Account, SaarGummi



Experience the efficiencies of remote assistance

Remote assistance software solutions based on Epson Moverio smart glasses link field engineers and technicians with in-house experts. Information and instructions can be passed visually and verbally using live two-way communication to remedy complex issues.

Whether it's a service, engineering or quality assurance task, the high-quality Moverio camera enables a detailed video feed that can be reviewed and annotated live over the user's field of view. Remote technicians can even send documents and user guides straight to the smart glasses. With the information overlaid right where you need it, remote assistance solutions that use Epson Moverio smart glasses provide an experience unrivalled by monocular and mobile devices¹. Furthermore, with head-mounted wearability, your hands are kept free to work with greater speed, safety and efficiency.

The Moverio Pro BT-2000 and BT-2200 headsets use hands-free visual guidance to support complex problem-solving in even the most demanding industrial environments. Built to be robust and comfortable enough to wear all day, the rubberised controller with programmable physical keys and hot-swappable batteries has been developed for use even while wearing work gloves. For less demanding environments, the Moverio BT-350 provides the benefits of a smart-glasses-based remote assistance solution but with a lightweight and portable design.

Benefits of remote assistance using Epson Moverio:

- Reduced service and travel costs
- Improve first time fix rates
- Reduce skill gaps between junior and senior engineers
- Differentiate service offering
- Improve customer satisfaction

Revolutionise your visitor attraction

Imagine how incredible it would be to see how a 2000-year-old statue looked when it was first created, with an interactive 3D model, right in front of your eyes, brought to life by overlaying interactive data onto exhibits and ruins. The Moverio BT-350 binocular see-through smart glasses harness the power of AR to open a new realm of learning and enjoyment.

Brescia Museum

Moverio has enabled the largest archaeological site in Northern Italy to resurrect its historically-significant artistic and monumental estate. Thanks to this solution created by ARtGlass based on the Moverio platform, visitors can now journey through the entire 4,200m² site of ancient ruins, experiencing the city as it was 2,000 years ago.



BM Brescia
Musei
FONDAZIONE

“The augmented reality experience is not only exciting for the visitors, but is very high impact.

The Moverio smart glasses play a vital role in providing such a memorable experience.”

Luigi Maria Di Corato – Director, Brescia Museums Foundation



Create inclusive experiences with subtitling

Ergonomically designed, complete with neck strap for a hands-free experience and flip up shade for seamless indoor to outdoor use, the Moverio BT-350's patented hinge design supports daily wear by a crowd of visitors, even if they wear glasses. By integrating a live captioning software solution based on the Moverio platform, you can expand audiences and make events more accessible.

Generate floating subtitles triggered in time to a live performance, for visitors who are hard of hearing or speak another language.

Fleet management is made easy with the optional BT-350 Quint Controller Dock, allowing administrators to re-charge and update content on up to 20 controllers at once.

The National Theatre

Moverio is helping the UK's National Theatre transform the theatre experience for millions of people suffering from hearing loss. The automated subtitling service created by the National Theatre even allows users to customise the typeface size, colour and position of captions to their preferences.



**National
Theatre**

“It is important that all users have a seamless experience, including those who are hard of hearing. We're committed to giving our entire audience the best experience that we are able to deliver and that includes people who are hard of hearing. Moverio smart glasses allow us to deliver a theatre trip that can be enjoyed by all.”

Jonathon Suffolk – Technical Director, National Theatre

Transform dentistry

The Moverio BT-350 and BT-35E are transforming workflows in the dental industry. Bringing 3D oral scanning and dental camera views directly into the dentist's field of vision ensures complete focus on the patient and the task at hand. There's no need to stretch to see a secondary monitor, relieving stress on your body and allowing for a more comfortable working posture.

The patient can benefit too, with entertainment solutions that provide the option of listening to music or watching shows and movies while undergoing treatment, greatly reducing stress and anxiety.

Thanks to an advanced display, ease of use and lightweight, ergonomic design, both dentist and patient can benefit from a more comfortable and enjoyable experience that helps to foster an environment of security and trust.



Incident

Moverio has helped Incident improve patient comfort at the dentist's office, with a practical solution that reduces anxiety and boredom. The ICNOS app created for the Epson Moverio smart glasses brings entertainment to the dentist's chair and gives the patient access to a host of content to view and interact with during their treatment. Without being completely isolated or disconnected from the environment, patients are more relaxed, entertained and free to communicate.



ICNODENT
technologies

"The Epson Moverio headset adapts perfectly to our needs. It is light, easy to use, with extraordinary graphics and reduced in dimensions, exactly what we were looking for."

Christian Mulas – Co-founder, Incident



Focus on the task with a hands-free display

Freeing hands and aiding better posture, the Moverio BT-35E is designed to facilitate improved visibility and accuracy, while undertaking precise and delicate tasks.

The Moverio BT-35E connects easily to external devices using HDMI and USB Type-C connectivity² and provides a low-latency primary or secondary display. Users can also benefit from improved visibility, increased comfort and greater privacy thanks to the high-quality 720p HD heads-up display.

The Moverio BT-35E is head mounted and easy to use, with an ergonomic design that adapts to fit different users, including glasses wearers. It features a compact, portable and robust form factor that has been created with the commercial market in mind.

Enhanced drone control and environmental awareness

With the BT-35E, the telemetry data and first-person-view camera (FPV) feed can both be accessed while maintaining a visual line of site with an enterprise drone. This ensures commercial pilots benefit from greater visibility and focus in hazardous environments, improving situational awareness as well as reducing costs thanks to single pilot operability.



Drone Pilot Academy Ltd

The Drone Pilot Academy Ltd (DPA) is a Civil Aviation Authority authorised National Qualified Entity that provides the PfCO CAA Drone Training Course for those who wish to use drones for commercial work, or simply hobbyists who would like to gain professional training.



“With flight safety in mind Epson Moverio glasses allow commercial drone pilots to focus more on their drone and their surroundings rather than looking down at the remote controller where the telemetry is traditionally displayed. The projection is very clear and my clients are impressed with them. A fantastic product all round.”

James Ixer – Managing Director, Drone Pilot Academy Ltd

Start something special

Every pair of Moverio glasses comes with a two-year warranty as standard, with additional warranties available to purchase. It's time to experience the world in new ways, unlock every opportunity and grow into the future.

Discover more at: Epson.eu/moverio

Committed to corporate and social responsibility

Epson is committed to developing environmentally conscious products, which means that sustainability is considered from conception to completion. We help customers recognise the environmental gains brought on by technology, whether it is redefining manufacturing through innovative robotics, saving energy with our office printing technology or revolutionising textile printing with digital solutions.

We are committed to all 17 United Nations' sustainable development goals and to the aims of the circular economy. We offer sustainable innovations because we recognise that the choices we make as organisations, individuals or a society will be essential to our shared success.

The content of this publication has not been approved by the United Nations and does not reflect the views of the United Nations or its officials or Member States www.un.org/sustainabledevelopment



¹ Based on the specification data available on the websites of leading monocular smart glasses manufacturers as of August 2019.

² The Moverio BT-35E is compatible with devices that support DisplayPort Alt Mode using USB Type-C.

For further information please contact your local Epson office or visit www.epson-europe.com

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