

Moverio smart glasses range

MOVERIO
A new way of seeing the world

Discover a world of opportunities



EPSON[®]
EXCEED YOUR VISION

Captivate and inspire the imagination 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

The Moverio smart glasses range



BT-40



BT-40S



BT-35E



BT-35E Solution Pack

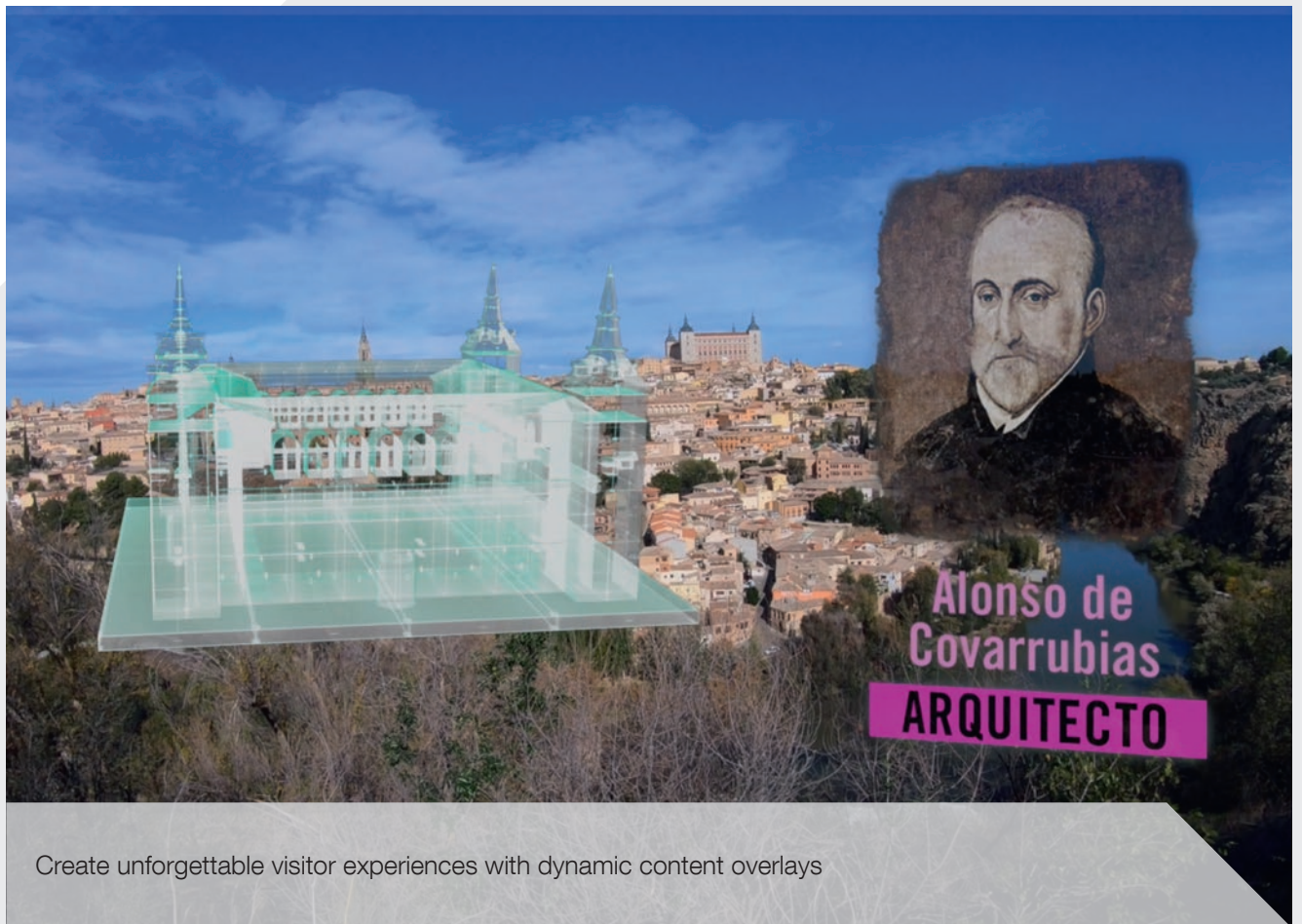


Bring information to life like no other medium

Epson's own Si-OLED micro-display technology has been developed to produce sharp detail and vivid colours on a see-through display. Epson's 4th generation optics¹ feature a contrast ratio of 500,000:1 which means unused display space appears truly transparent and with Full HD (1080p) resolution, content can be viewed on top of the real world to create high quality AR experiences. Moverio also supports side-by-side 3D.

Two-way audio and visual communication in real time with access to training materials, annotations and more





Create unforgettable visitor experiences with dynamic content overlays

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 glasses² and lends itself perfectly to applications in the remote assistance and visitor attraction markets. When compared with monocular smart glasses² 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.



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 devices². Furthermore, with head-mounted wearability, your hands are kept free to work with greater speed, safety and efficiency.

Unrivalled remote assistance

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



Lavazza

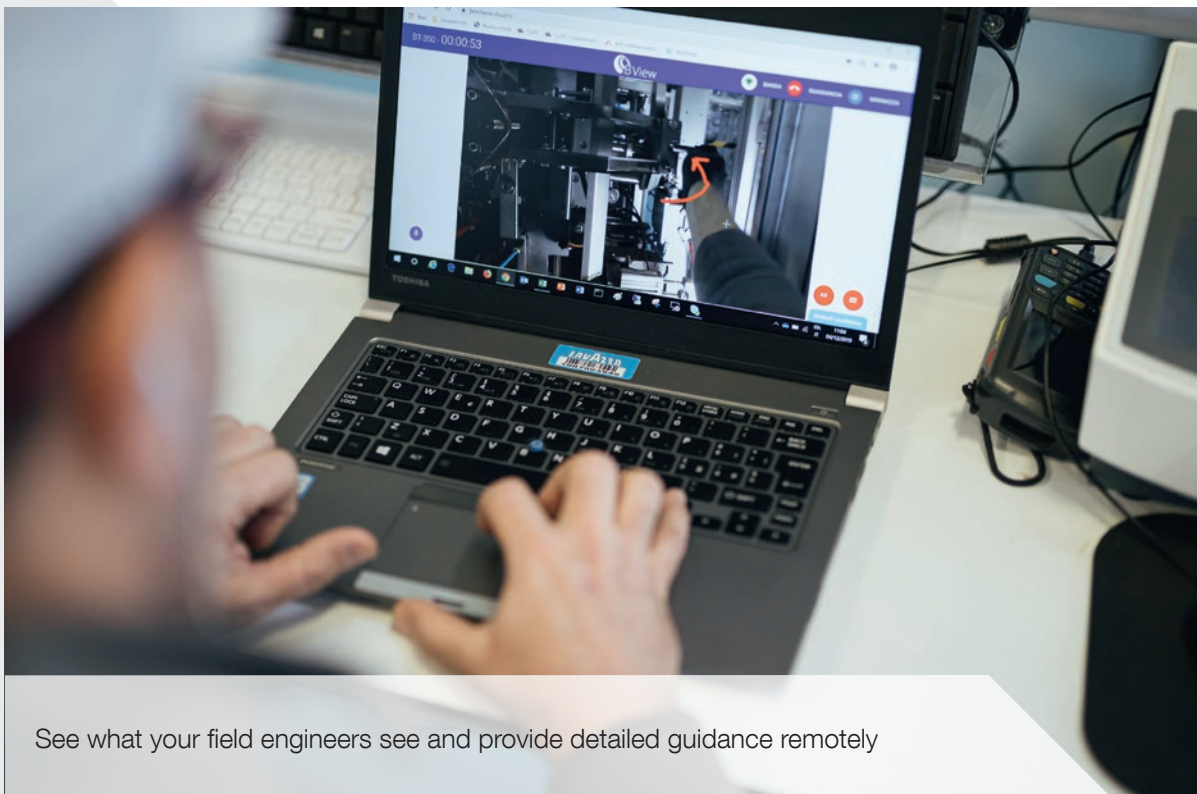
Italian coffee giant Lavazza use Moverio to increase production efficiency, allowing field technicians to have expert guidance anytime, anywhere. The smart glasses use their onboard camera to send a live feed from the technician's location to the expert operator, who may be in a different part of the factory or location. The expert can then guide the technician to perform complex or critical manual activities.

"Now we can have experts by our side even when they are not physically on the premises".

Francesco Daniele
Field Technician

Workflows and training

Upskill your workforce using step-by-step guidance overlaid in front of the user's field of view while keeping their hands free to carry out the instructions provided in the smart glasses. This innovative and practical learning method saves time and human resources, while providing training materials in an engaging and memorable format.



See what your field engineers see and provide detailed guidance remotely

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.

The Moverio BT-40S binocular see-through smart glasses provide enriched content, brought to life in stunning Full HD resolution, at exhibits, museums and architectural sites.



Enhance your client's experience on guided tours with enriched digital content tailored to the tour





Bring images to life and enhance the customer journey with additional content



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.

"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

Create inclusive experiences with subtitling

Ergonomically designed for lightness and comfort, the Moverio BT-40S supports multi-user wearability for crowds 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 for visitors who are hard of hearing or speak another language, with captions positioned based on the viewer's preference and triggered in time to a live performance.

Deliver automatic and personalised captions to film and theatre enthusiasts





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.

"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."

Lisa Burger
Executive Director and Joint CEO

Transform dentistry

The Moverio BT-40S is transforming workflows in the dental industry. Bringing 3D intraoral 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.

BT-40S - transforming workflows

Maintain a natural and comfortable posture while scanning

Keep your hands free and maintain situational awareness

Improve scanning accuracy and speed

Software solutions compatible with intraoral scanners and cameras



Perform intraoral scanning with greater efficiency



Reduce patient stress and anxiety

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.

DTU

"Our clients tell us that our S.V.G. dental scanning solution using Moverio BT-40S smart glasses makes them feel more comfortable as they can work naturally without having to turn their head to view the scanning monitor. S.V.G. facilitates the use of intraoral scanners and reduces the acquisition time with the support of the BT-40S which features a new touch screen controller to interact wirelessly with our high performance computer with ease. S.V.G. has established itself as a device our clients simply can't live without".

Paolo Molfino
CEO

Expand your virtual work life possibilities

Moverio BT-40 smart glasses create a virtual workstation and are ideal for business executives adapting to modern hybrid working styles and working from home. Wearers can display a second screen for privacy, or expand desktops with a virtual second monitor. Connect to compatible³ smartphones, tablets and computers using USB-C for a widescreen, Full HD 1080p display that's similar to an external monitor or projector, providing the wearer with a personal cinematic experience.

Enhance your viewing experience with a virtual screen size of up to 120 inches viewed at 5m distance





Make viewing entertainment content more personal when flying

Ideal for business users on-the-go

Frequent business travellers who work on trains, planes and in public spaces can work with privacy and comfort, with personal and private documents kept away from prying eyes.

The see-through, hands-free display allows you to keep your work secure and perform multiple tasks simultaneously, from a natural and comfortable viewing position.

BT-40 enhanced viewing experience

Large format Full HD display for crisp image quality

Work anywhere with total privacy for confidential work

Plug-and-play USB Type-C connectivity³

Transparent display for multi-tasking

Comfortable and natural viewing position



BT-40 showing the optional dark shade attachment.

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



1. Applies to Moverio BT-40 and BT-40S only.
2. Based on the specification data available on the websites of leading monocular smart glasses manufacturers as of January 2022.
3. The Moverio BT-40 supports video output via USB Type-C with devices that support DisplayPort Alternate Mode. Please check your device specifications, visit Epson's FAQ pages or contact an Epson representative for device compatibility details.

For further information please contact your local Epson office or visit www.epson.eu/contact-us

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