

Data sheet

HP Omnicept



THE INSIGHTS YOU NEED TO REVOLUTIONIZE VR.

Introducing a revolutionary way to transform your application development. With our intelligent VR platform, you can uncover actionable insights to adapt each user's experience and take training, wellbeing, creation and collaboration to the next level. This is the future of VR.

Capture data in real time.

Integrated sensors and proprietary algorithms measure muscle movement, pulse, pupil size and gaze to scientifically capture the level of brain power users exert in a VR session. Now, users' natural responses drive their experience in the moment.¹

Interpret. Analyze. Act.

Our platform includes real-time developer tools for data-driven insights. Combining our sensor data with machine learning, you can now design applications that adapt to each user like never before.¹

Safeguarded data. Protected privacy.

HMD firmware safeguards sensor data at every moment of capture and no data is stored on the headset. HP Omnicept powered applications help ensure the capture and transfer of data comply with GDPR and keep user data confidential.¹

Flexible and ready to partner.

When you're successful, we're successful. Through our extensible platform architecture, we support you with the advanced tools and services needed across all major development platforms such as Unity and Unreal Engine. Let's reinvent the VR industry together.¹

HP Omnicept Specifications

	Core	Academic*	Developer* ¹	Enterprise*
Software Price	Free	Free for educational use (2% revenue share for profit)	2% Revenue Share	Please see pricing terms at purchase.
Inference Engine SDK	No	Release 1 – cognitive load New features coming in the future	Release 1 – cognitive load New features coming in the future	Release 1 – cognitive load New features coming in the future
HP Reverb G2 Omnicept Edition Simulator	Yes	Yes	Yes	Yes
Eye-tracking API	Yes	Yes	Yes	Yes
Pupillometry API	Yes	Yes	Yes	Yes
Lower Face Camera API	Yes	Yes	Yes	Yes
Heart Rate API	Yes	Yes	Yes	Yes
Pulse Rate Variability API	No	Yes	Yes	Yes
HP VR Spatial Audio	No	Yes	Yes	Yes
Developer Support	Online self-help	Online self-help	Premium support	Premium support
Country Availability	Available in 68 countries (same as HP Reverb G2 Omnicept Edition)	Paid services are supported in the following countries: USA, Canada, UK, Germany, France, Italy, Spain, Netherlands, Australia, New Zealand, Austria, Poland, Switzerland, Belgium, Norway, Sweden, Portugal and Ireland		
Hardware Requirements	Your VR application that integrates HP Omnicept will only work when used with the HP Reverb Omnicept Edition VR headset attached to a Windows PC that meets the headset's minimum system requirements. Please see the HP Reverb G2 Omnicept Edition Quickspecs for this information.			
HP Omnicept SDK	Free to download	30 day free trial available ²	30 day free trial available ²	30 day free trial available ²
Software License	Free perpetual developer's license. See https://developers.hp.com/xr for complete details.	Free perpetual developer's license. 2% revenue share if used for profit. See https://developers.hp.com/xr for complete details.	2% revenue share perpetual developer's license. See https://developers.hp.com/xr for complete details.	Perpetual developer's license & 5 run-time licenses included. Additional run-time licenses sold separately. Requires purchase of Enterprise Service Pack for first year. Enterprise Service Pack required for new feature updates. See https://developers.hp.com/xr for complete details.

*HP Omnicept paid services are supported in the following countries: USA, Canada, UK, Germany, France, Italy, Spain, Netherlands, Australia, New Zealand, Austria, Poland, Switzerland, Belgium, Norway, Sweden, Portugal and Ireland

1. An Internet connection is required – one-time Internet connection for each deployed end-point Windows computer for license authentication and then no longer required after license is authenticated.
2. VR application compatibility required. 30-day trial of HP Omnicept can be downloaded from the HP Developer Portal (<https://developers.hp.com/>). Functionality is limited to sensor data after the trial period. To continue full functionality, resale model requires Royalty License; per seat Developer and Runtime License is required for Enterprise and Government customers. Available in select countries. For complete details see hp.com/omnicept.

www.hp.com/omnicept
<https://developers.hp.com/xr>

