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Oxford Metrics plc

("Oxford Metrics" or the "Group")

Vicon launch markerless motion capture

- *Markerless will empower creative and previsualisation teams to bring ideas to life with greater speed and ease than ever before*
- *Follows an expansive beta program with some of the biggest names in Visual Effects*

Oxford Metrics plc (LSE: OMG), the smart sensing and software company servicing life sciences, entertainment, engineering and smart manufacturing markets, announces that Vicon, its motion capture division, will launch its highly anticipated markerless solution at the Game Developer Conference (GDC) in San Francisco next week.

The launch follows an immersive exhibition which unveiled the Vicon Markerless prototype at SIGGRAPH 2023. The innovative technology has been extensively beta-tested via Vicon's Pioneer Program with Visual Effects ("VFX") customers including Industrial Light & Magic, Gearbox Entertainment, Dimension|DNEG360, Dreamscape Immersive, Framestore Pre-production Services and others. The culmination of these collaborative efforts will be commercialised at the general availability launch of Vicon Markerless for VFX on March 19th.

Maximising creative iteration

Built on 40 years of motion capture experience, Vicon Markerless completely transforms rapid creative iteration by allowing VFX users to instantly visualise ideas for better creativity early on. The markerless system comprises a new markerless motion-tracking camera ("Vanguard") and new software incorporating advanced computer vision, machine learning and proven algorithms to capture human performance without the need for markers ("Shōgun Markerless" and "Shōgun Post").

Vicon Markerless operates as a standalone system or in tandem with Vicon marker-based systems, integrating seamlessly into existing motion capture pipelines and increasing team efficiency with a single mocap ecosystem.

Imogen O'Connor, Oxford Metrics CEO, commented on the launch, "Vicon Markerless, developed over several years with meticulous attention to detail, sets a new standard for motion capture across games, film, episodic TV and immersive experiences. It enables Visual Effects teams to rapidly refine early creative ideas and iterations marker-free and offers a seamless transition to optical motion capture as needed. Markerless motion capture opens up a world of possibilities for the Visual Effects industry and delivers greater efficiency in creating innovative entertainment."

Pre-visualisation and rapid prototyping

With seamless pipeline and ecosystem integration, markerless reduces time to visualisation, enabling rapid iteration from prototyping and previsualisation to real-time animation - even with props. With markerless, creative teams can now quickly explore ideas marker-free and transition to full optical motion capture when required.

Randy Pitchford, founder and president of Gearbox Entertainment, said: "Vicon's Markerless Motion Capture is like magic - providing Gearbox incredible flexibility and speed in the development and storytelling of our games. Anyone of us at Gearbox, including me, can quickly jump into our Vicon Markerless Motion Capture volume - even in our street clothes - to quickly get the data we need as we work to bring exciting potential future projects to life, including Borderlands."

Ben Kolakovic, Virtual Production Operations Manager at Industrial Light & Magic, a beta participant said: "The new markerless system from Vicon has significantly accelerated our creative process, enabling us to reach results faster. We now receive mocap data much more quickly than before, which allows our artists to experiment with new ideas in a fraction of the time. This streamlined workflow not only fosters creativity but also enhances our ability to iterate efficiently and fine-tune performances."

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About Oxford Metrics

Oxford Metrics is a smart sensing and software company that enables the interface between the real world and its virtual twin. Our smart sensing technology helps over 10,000 customers in more than 70 countries, including all of the world's top 10 games companies and all of the top 20 universities worldwide. Founded in 1984, we started our journey in healthcare, expanded into entertainment, winning an OSCAR® and an Emmy®, moved into defence, engineering and smart manufacturing. We have a strong track record of creating value by incubating, growing and then augmenting through acquisition, unique technology businesses.

The Group trades through its market-leading division Vicon, Industrial Vision Systems, and recently acquired, The Sempre Group. Vicon is a world leader in motion measurement analysis to thousands of customers worldwide, including Red Bull, Imperial College London, Dreamscape Immersive, Industrial Light & Magic, and NASA. Industrial Vision Systems is a specialist in machine vision software and technology for high precision, automated quality control systems trusted by blue-chip, smart manufacturing companies across the globe including BD, DePuy, Jaguar Land Rover, Johnson & Johnson, Zytronic and Alkegen. Sempre is a measurement specialist solving manufacturing challenges across multiple industries. Through their expert in-house consultants and partnerships with over 25 well-known manufacturers including Jenoptik, Renishaw and Micro-Vu, Sempre offers an extensive range of products and software to customers in aerospace, automotive, medical, energy and precision engineering.

The Group is headquartered in Oxford with offices in the United Kingdom, United States and Germany. Since 2001, Oxford Metrics (LSE: OMG), has been a quoted company listed on AIM, a market operated by the London Stock Exchange. For more information about Oxford Metrics, visit www.oxfordmetrics.com.

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