Morpho introduces 4K video stabilization optimized with Qualcomm® Multicore Asynchronous Runtime Environment (MARE) at MWC2015

Tokyo, Japan – **March 27, 2015** – Morpho, Inc., a global leader in software image processing solutions for mobile devices, announced their demo in MWC2015 at the Qualcomm booth showing 4K video stabilization with MovieSolid® optimized for Qualcomm® MARE. Qualcomm® MARE is a heterogeneous software engine used for multi-core programming and optimization that enables fine grain parallelism and spreads the computing workload across multiple cores. Using Qualcomm® MARE, Morpho optimized MovieSolid performance by up to 65%. With such improvement MovieSolid therefore can allow high quality 8 DOF video stabilization for 4K video capture at 30fps. (Qualcomm Multicore Asynchronous Runtime Environment is a product of Qualcomm Technologies, Inc.)

About the Products

MovieSolid®

MovieSolid employs Morpho, Inc.'s unique "SOFTGYRO®" motion detection engine to provide image stabilization for motion video.The algorithm compares the preceding frame with the current frame to determine motion caused by hand jitter between the frames and outputs the compensated current frame in real-time.The engine detects motion in four degrees of freedom (pitch, yaw, back/forth (zoom), and roll) and compensates hand jitter in these directions. Furthermore, camera shake caused by hand jitter even at high magnification is also compensated for.

*Inventions related to SOFTGYRO are patented in Japan, the USA, Europe and Korea.
*“SOFTGYRO” and ”MovieSolid” are registered trademarks of Morpho, Inc.
* Inventions related to MovieSolid are patented in Japan, the USA.
*”Morpho” and Morpho logo are registered trademarks of Morpho, Inc.
* Qualcomm is a registered trademark of Qualcomm Incorporated.

About Morpho, Inc.:

Established in 2004, Morpho, Inc. has built substantial brand recognition in the field of software image processing for mobile devices. Customers utilizing Morpho, Inc.’s software technologies include carriers, processing platform providers and mobile device manufacturers making the company a global player in mobile imaging. For more information visit http://www.morphoinc.com/en/ or contact m-press@morphoinc.com.