# VERASONICS LAUNCHES ENHANCEMENTS FOR THE VANTAGE™ RESEARCH ULTRASOUND SYSTEM: PERMISSIVE LICENSE SHARING AND NEW TRANSDUCERS

*Verasonics Updates Licensing Permissions to Provide Researchers with Improved Flexibility for Sharing of Programming Scripts Developed with the Vantage System*

Kirkland, WA, August 15, 2023 – Verasonics, Inc., the leader in research ultrasound, today announced it has enhanced the Vantage Research Ultrasound System with the introduction of the Verasonics Permissive License and new transducers, including a 15 MHz Row-Column Array and three general imaging transducers. This Vantage software update is available today, August 15, 2023, at no cost to customers.

"Today, we are excited to offer the Verasonics Permissive License which was based on customer feedback," said Jon K. Daigle, President and Chief Executive Officer at Verasonics. "Our customers wanted a more efficient path to share research scripts developed on the Vantage platform among their colleagues, and we are thrilled to support this collaboration."

Mr. Daigle added, "Rather than seeking permission privileges through our corporate office, customers may now share scripts by simply including the required notices as attribution. Our team is committed to providing researchers with flexible and best-in-class research ultrasound solutions to help them meet their research goals in the effort to further advance science using ultrasound."

**The Verasonics Permissive License:**

The Verasonics Permissive License allows Vantage users to work with sequence programming scripts more freely. Vantage customers now have the right to use, copy, modify, merge, distribute, sublicense, or sell copies of the software with the inclusion of copyright and permission notices.

This licensing change offers benefits to researchers on a global basis; Vantage users now have enhanced capability to collaborate with other Vantage researchers and to publish programming scripts. The Verasonics Permissive License provides researchers with further flexibility in sharing Vantage programming scripts and testing techniques with colleagues as well as in complying with grant funding requirements.

**New Transducers:**

***15 MHz Row-Column Array***

- Verasonics' newest volume imaging technology is a 15 MHz Row-Column Array (RCA) transducer developed in collaboration with Vermon. This innovative transducer features orthogonally oriented arrays of 80 elements each, with a 0.11mm pitch and 80% bandwidth. Verasonics provides example scripts for imaging and simulation support for the transducer with the Vantage 256 Research Ultrasound System. This RCA Transducer provides a cost-effective approach for high framerate capture for 3D and volume imaging applications and eliminates the high channel count or multiplexing requirement of matrix arrays.

***General Imaging Transducers***

- Verasonics has launched a new series of general imaging transducers in collaboration with HUMANSCAN to provide more options for research imaging needs. These transducers are suitable for a wide range of biomedical imaging applications using the UTA 408-GE adapter. The 408-pin connector provides improved grounding in comparison to the Canon 260-pin connectors, and Verasonics is adding transducers with this probe connector option so that our research customers have access to the best performance possible.

    - Available models include:
        - L11-5gH Linear Array with 128 elements
        - C5-2gH Curved Linear Array with 128 elements
        - P4-2gH Phased Array with 96 elements

- These new transducers are compatible with all Standard Frequency and High Frequency configurations of Vantage 256, Vantage 128, and Vantage 64LE using the UTA 408-GE adapter.

Information about these new transducer options can be found on the Verasonics website.

**About Verasonics, Inc.**
Verasonics is a privately held company founded in 2001, with headquarters in Kirkland, Washington, USA. Verasonics is the leader in research ultrasound and is focused on providing researchers and developers with the most advanced and flexible tools enabling them to develop new algorithms and products used in biomedical ultrasound, materials science, earth sciences, and the physics of acoustics and ultrasonics. Verasonics also licenses its technology to companies for use in their commercial products. Researchers in nearly 40 countries across North and South America, Europe, Asia and Oceania routinely use Verasonics product solutions to advance the art and science of ultrasound through their own research efforts.

Learn more by visiting the Verasonics website or following us on LinkedIn and X (formerly Twitter).

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