

# MS 1000 v5 Sonar Processing Software

Kongsberg Mesotech, Canada, has announced the latest version of MS 1000 software for MS 1071 and MS 1171 Digital Scanning Sonar. MS 1000 Version 5.0 marks a major change in direction for this software. It enables no-charge software updates for all users and more specialised and productive software tools for specific user groups.

The entry-level software, known as MS 1000 Express Edition, provides basic operating functions for Kongsberg Mesotech digital sonar. The Express Edition is suitable for many applications, such as obstacle avoidance for ROVs and certain imaging applications. The Express Edition does not require a software key for operation. The Express Edition kit is available for CAD250.00 including supporting documentation.

Those customers requiring increased functionality can continue to purchase the full version of MS 1000, known as MS 1000 Standard Edition. The full package, MS 1000 Standard Edition, is enabled using a software key and is priced at CAD6,975.00. Users of the Express Edition can upgrade with the purchase of a software key (dongle). Users of the earlier MS 1000 Lite software will be able to upgrade to either the Express Edition or Standard Edition. English, German and Mandarin user interfaces are provided for both editions of Version 5.0.

The needs of users requiring higher levels of sonar processing will be served by additional software modules in future. The 3D Optional Module will acquire 3D profile points for accurate point cloud representation of underwater structures. This data can be further enhanced using one of a number of commercially available post processing packages, including Trimble RealWorks and Leica Cyclone.

Version 5.0 is also fully compatible with Microsoft Windows 7 Pro Edition, Microsoft Windows 7 Ultimate Edition, and earlier Microsoft Windows versions, notably Microsoft Windows XP Pro. Kongsberg Mesotech Ltd.'s commitment to keeping pace with developing standards minimises computer compatibility issues. Microsoft Windows 64 bit USB Driver, and 32/64 bit serial interface drivers have been added to expand the usefulness of Kongsberg Scanning Sonar and keep pace with developments in 64 bit operating systems. Certified USB drivers can be obtained from either the MS 1000 installation directory or from the Microsoft Windows Update website. Kongsberg also provides rack-mount and ruggedised laptop computer processors from recognised computer manufacturers.

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