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Subject: Important Security Features of the Marksman/Ranger2 NavPC

Summary
The latest Windows XP Image (8026-051-A/B) on the Marksman / Ranger2 NavPC has additional security features to minimise the risk of virus infections and system tampering. These include pre-installed antivirus software and a dual login feature. Note that this does not affect the NavPCs used for any other software products.

Dual Login
The NavPC has two login accounts:

1. Sonardyne User
    - This account has restricted security privileges and access rights, which prevents accidental damage to system files and unauthorised tampering.

    - Marksman (from v2.03.02) and Ranger2 (from v1.02.03) have been designed to run under this account without any problems. When the NavPC starts up, it will automatically log itself into this account, then startup Marksman or Ranger2 (as applicable).

    - You should never install or uninstall any software when running under this account.

2. Sonardyne Admin
    - Use this account to install or uninstall Marksman / Ranger2 (or any tools you may need for maintenance). You can also use this account to gain access to files that are not accessible under the Sonardyne User account.

    - To gain access to this account, go to the Start Menu, click Log Off, then click Switch User. Click on the Sonardyne Admin icon and enter the password (fusion). Note that the password (fusion) is intentionally the same for both accounts.

    - You can switch between User and Admin accounts while Marksman/Ranger 2 is running live, if necessary.

    - DO NOT USE THIS ACCOUNT TO LAUNCH MARKSMAN or RANGER2.

Antivirus
The NavPC has Norton Internet Security (NIS) pre-installed. This has the latest version and virus definitions at the time of shipment from Sonardyne's factory. It also has 12 months free virus updates available to the end-user.

Note that the *automatic* live-update feature of NIS has been disabled. This is because most customers will not have a permanent internet connection to the NavPC, and NIS will simply popup message boxes warning of this. If the end-user does have an internet connection, then live-updates may be performed as a manual operation. Alternatively automatic updates can be re-enabled.

NIS has been activated for legal end-user usage using the unique product ID at the factory. However it was *not registered* at the factory because this is an end-user option (i.e. not essential). If the end-user has a suitable internet connection, they can register themselves for annual software updates if they wish. If registration is not done, then NIS will occasionally popup a *Register Now* message in the bottom right corner of the display which can be dismissed.

Should you require any further clarification please contact customer support on support@sonardyne.com or +44 1252 877600