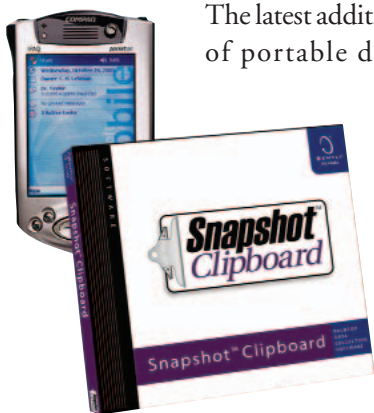

enables continuous monitoring of cylinder pressure, compression ratios, peak rod loads, and rod reversal, providing valuable information on the condition of suction and discharge valves, piston rings, packing glands, and crosshead pins.

System 1™ software also provides new plot types, specifically aimed at reciprocating compressors, such as P-V diagrams, Log P versus Log V, and pressure versus crank angle. In addition, System 1's Decision SupportSM module can be used to create user-defined rules for automatically analyzing data collected from reciprocating compressors, or customers can add our Recip RulePak which contains a predefined set of rules – and, these rules can be easily augmented by the user using our RuleDesk™ configuration utilities. To learn more, request our informative new brochure, talk to your Bently Nevada Sales Professional, or visit us online at www.bently.com. And, watch the next issue of ORBIT for a series of full-length articles specifically devoted to reciprocating compressor case histories and our new product and service offerings targeting these important machines. ☺

Snapshot Clipboard Uses Pocket PC for Routine Data Logging



The latest addition to the Snapshot™ Series of portable data collector products, Snapshot™ Clipboard software runs on compatible pocket PCs, giving them many of the capabilities found on Bently Nevada's full-sized, full-featured Snapshot™ for Windows® CE portable data collector. It allows plant personnel and

maintenance engineers to electronically log meter and gauge readings, make inspections, and record freehand notes, even in hazardous areas when using an intrinsically safe pocket PC. It's a more convenient 'pocket-sized' package when the capabilities of a full-sized data collection/analysis instrument aren't needed for routine data logging rounds. The software runs on a variety of off-the-shelf, low-cost, pocket PC devices that use the Microsoft Windows for Pocket PC operating system.

Uploading data from a pocket PC running Snapshot Clipboard software to Bently Nevada's System 1™ software is easily accomplished by simply connecting the pocket PC to System 1 and synchronizing, just as with the full-sized Snapshot data collector. This allows

users to take advantage of System 1's extensive trending and analysis features as well as providing permanent storage of all collected data and system configuration. Once in System 1, Snapshot Clipboard data can be correlated with other condition monitoring data within the System 1 database, providing a fully integrated platform for managing the condition of plant equipment assets regardless of the device used to collect the data.

In addition to similarities in how data is transferred between the data collection device and the host software, Snapshot Clipboard uses the same user interface as the full-sized Snapshot for Windows CE portable data collector, offering familiarity and ease-of-use.

Built-in alarming capabilities indicate when the current data has exceeded a predetermined alarm level, eliminating the need to upload data to System 1 software before identifying points in alarm. This allows the user to take immediate action where warranted.

Snapshot Clipboard software runs on numerous off-the-shelf, low cost Pocket PC devices that employ the Microsoft Windows for pocket PC operating system. And, because some users must access equipment in potentially flammable environments, a selection of intrinsically safe pocket PCs are also supported, certified for used in hazardous areas. ☺