Pile Dynamics Announces PDA Model PAX

ADSC Associate Member firm, Pile Dynamics, Inc., Cleveland, Ohio, has announced the introduction of a new model of Pile Driving Analyzer – the PDA model PAX. The PAX crowns the succession of improvements that PDAs have experienced during their lifetime. It is sufficiently small to be portable, is battery operated, and at only 5 kg (10 lbs.), surprisingly light. Its display doubles up as its control panel and keyboard, and has extremely high visibility in all lighting conditions.

The most appealing feature of the new device is its remote data transmission capability. Pile Dynamics conceived the idea of collecting dynamic testing data on site and transmitting it to an office computer back in the 1990s, and patented the first remote data transmitting PDA in 2001. At that time transmission was accomplished via cell phone connection, with geographic and speed limitations. The advantage of having the option of remaining in the office, sending only the instrument to the job site, and using the PDA software to monitor the load test in an office computer, offered tremendous flexibility to our clients.

PDI has now taken remote dynamic testing to the next technological level by incorporating broad band internet technology on the PAX. When used in its “remote mode,” the PAX offers a field crew a simple software interface and straightforward mode of operation. An office computer running PDA-W and receiving data gives the engineer the ability to perform comprehensive monitoring and analysis in real time.

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