

# Pile Dynamics Analyzer Update

**Pile Dynamics, Inc.** is enhancing its flagship instrument, the Pile Driving Analyzer® (PDA), with the iCAP software.

Since 1972, Pile Dynamics has provided PDA dynamic pile testing systems. For pile driving monitoring, PDAs furnish, in real time, information on pile installation stresses, hammer performance, pile integrity and capacity at the time of the test. Today PDAs that test piles are part of engineering solutions for deep foundations in about 90 countries.

Up to now the Pile Driving Analyzer has calculated capacity at the time of the test solely by the Case Method. A CAPWAP® analysis, performed after the conclusion of the test, yields the ultimate bearing capacity. iCAP is an improvement, providing instant signal matching based on the widely accepted CAPWAP logic. "iCAP instant signal matching leverages 40 years of improvement and development of the globally-accepted CAPWAP logic," according to Garland Likins, president of Pile Dynamics.

With no user interaction, iCAP will extract the soil behavior from dynamic measurements, compute capacity by signal match-

ing, and produce a simulated static load test graph, all in real time during the test. For more information visit [www.pile.com](http://www.pile.com).