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Proxy — API TECHNOLOGIES CORP.

ANNUAL MEETING OF STOCKHOLDERS OF API TECHNOLOGIES CORP.

**4705 S. Apopka Vineland Rd., Suite 210
Orlando, Florida 32819**

This Proxy is Solicited on Behalf of the Board of Directors

The undersigned hereby appoints Brian R. Kahn as proxy for the undersigned, with full power of substitution, and hereby authorizes him, to represent and vote, as designated on the reverse (with discretionary authority under Proposal 1 to vote for a substitute nominee if any nominee is unable or unwilling to stand for election), all shares of common stock of API Technologies Corp. (the "Company") held of record by the undersigned on September 15, 2011 at the Annual Meeting of Stockholders to be held at 4705 S. Apopka Vineland Rd., Suite 210, Orlando, Florida 32819, on November 4, 2011, at 10:00 a.m. local time or at any adjournment or postponement thereof, with the same force and effect as the undersigned might or could do if personally present thereat.

Important Notice Regarding the Availability of Proxy Materials for the Stockholders Meeting to Be Held on November 4, 2011 — our Annual Report on Form 10-K, this Proxy Statement and form of proxy card are available at www.apitech.com/investor-relations/financial-information/annual-report-and-proxy

**If you do not vote via the internet or telephone, please date, sign and mail your proxy card
in the envelope provided or fax to 312-601-2312 to Attn: Proxy Dept.
no later than 11:59 pm eastern time November 2, 2011**

(Continued and To Be Signed on the Reverse Side.)

