



The Leader in Recognition Solutions

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2 Million Reasons to Use OrboCAR APEX™

OrboCAR APEX Breaks Check Processing Record

Billerica, MA, March 29, 2007 – Orbograph, a leading provider of image-based check processing solutions, announced today that earlier this month its APEX solution for the first time processed over 2 million items in a single night. This number reflects the extent to which Orbograph clients have come to rely on APEX as a key component in their overnight check processing workflow. Because APEX is designed as a redundant, scalable solution, the APEX system is extremely stable and can automatically adapt to fluctuating customer demand.

Leveraging Orbograph's patented Key-Pay technology, APEX delivers close to 100% automation for check recognition and processing activities. Identifying items which return a confidence level below defined tolerance levels, APEX takes "snippets" of the fields in question and sends them to a hosted location of dedicated keying professionals. APEX's rigorous performance and accuracy monitoring, combined with sophisticated voting techniques, virtually eliminates rejected items and provides seamless, real-time results. By sending only field "snippets" for keying, APEX ensures that the information conveyed is completely anonymous, fully secure and viewed only by approved keyers.

"Over the last two years, more and more leading financial institutions, including two of the top ten U.S. banks, have found that APEX fills a critical gap in the check processing workflow," stated Amnon Landman, APEX Product Manager. "APEX provides a complete solution for POD data entry needs while reducing the overhead associated with managing internal resources and the headaches that can come with outsourcing. APEX can be incorporated as part of each days processing, or activated when needed, just like turning on a faucet. Our clients know they can count on APEX to be there when they need it, to meet their significant volume processing requirements."

With APEX, Orbograph has created a solution that enables financial institutions to leverage their investment in image-based check processing by automating the entire recognition process. APEX delivers the highest level of recognition and accuracy available, enabling financial institutions to reduce costs, better utilize staff and increase processing efficiency.

About Orbograph Ltd.

Orbograph, a subsidiary of Orbotech Ltd. (NASDAQ: ORBK), is a leading developer of recognition solutions for the U.S. check processing and business process outsourcing markets. Orbograph's technologies are in use at hundreds of banks and financial institutions across North America, processing millions of items each day. Through its recognition solutions, fraud detection, business process outsourcing technologies and image quality assurance applications, Orbograph enables customers to reduce costs, improve operational efficiencies and achieve rapid ROI. For more information, please visit www.orbograph.com.

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NOTE: Actual performance may vary according to hardware used, configuration or other factors within your processing environment. Statistics cited in this release do not constitute guarantees of performance. For more information, visit us online at www.orbograph.com.