



KINESYS SOFTWARE RECEIVES PRESTIGIOUS HONOR FROM SEMICONDUCTOR INTERNATIONAL

LEADING INDUSTRY TRADE PUBLICATION PRESENTS EDITORS' CHOICE BEST PRODUCT AWARD TO KINESYS FOR SEMICONDUCTOR MANUFACTURING EXCELLENCE

PETALUMA, Calif., December 17, 2001 – KINESYS Software, Inc., a privately held company focused on the automation of semiconductor manufacturing “back-end” processes, today announced that it has received the prestigious Editors’ Choice Best Product Award from *Semiconductor International*. A leading trade publication produced each month by Cahners Business Information, *Semiconductor International* honored KINESYS, which is best known for its flagship product, ALPS (Assembly Line Production Supervisor) wafer map data management and equipment integration software for inkless assembly of semiconductors.

The Editors’ Choice Best Products Award Program is conducted annually by *Semiconductor International* magazine. KINESYS won in the Semiconductor Manufacturing Excellence Category.

“We are very proud to accept this award as it recognizes the quality and value ALPS brings to our customers as well as its growing significance to the semiconductor manufacturing process,” said Dave Huntley, president, KINESYS Software, Inc. “Over the next few years, inkless assembly will take on a heightened role in the semiconductor industry, especially as manufacturers continue to migrate to the larger 300mm wafer. ALPS, the leading wafer map data management product for inkless assembly, puts KINESYS in a strong position to serve manufacturers and sub-contractors migrating to inkless assembly for both their existing 200mm production and new 300mm production.”

About ALPS

Originally introduced in 1995, ALPS delivers to and stores for test, assembly and packaging personnel electronic wafer maps that are used in the process of inkless assembly.

Using ALPS and wafer maps eliminates contamination from ink dots, which is becoming more important as new packaging technologies are becoming increasingly intolerant of ink contamination. Also, since there is no longer a need to detect the ink dots with a vision system, cycle time and hence the production costs are reduced. These are two key benefits for manufacturers.

ALPS carries out the critical function on verifying and correctly matching the wafer map data and the wafer at assembly. If a wafer map is not available or cannot be converted, the appropriate personnel are automatically notified. Wafers are not scheduled for production until both the wafer and wafer map have been received and the product on the wafer has been qualified for production.

Aligning the wafer map to the physical wafer can be challenging, especially for small devices. ALPS has several features that improve the efficiency and reliability of this alignment.

Scalability is a strength of ALPS, which is available in three versions: PC, single user per database (per site); LT, up to 16 users/equipment per database (per site); and

NT, 150+ users/equipment per database (per site).

Key features include:

- ❑ a non-proprietary architecture which allows users to deploy with a wide range of databases, equipment drivers and operating systems;
- ❑ and a library of over 100 format converters. New converters are developed on demand and are provided free of charge, enabling equipment being used by ALPS customers to read virtually any wafer format

"The Editors' Choice Best Products program differs from other awards in that products must be nominated by users, not by people who make or sell them. We receive input from multiple users for each product to verify that each has successfully shown superior performance in semiconductor manufacturing," said Peter Singer, editor-in-chief, *Semiconductor International*.

KINESYS Software was one of a select group of 20 companies worldwide that received the Editors' Choice Best Product Award from *Semiconductor International* this year.

Semiconductor International, published by Cahners Business Information and a part of Reed Elsevier's global array of technical publications, is the leading technical publication reaching and covering the global semiconductor industry. *SI* boasts the industry's most experienced full-time technical editorial team, and has the largest circulation to semiconductor manufacturers of any industry publication. Additional information about *SI* and its many products and activities are available at www.semiconductor.net.

About KINESYS Software, Inc.

Founded in 1992, KINESYS Software is a privately held company based in Utrecht, The Netherlands and has a United States office in Petaluma, CA. The company is focused on the automation of semiconductor manufacturing back-end processes. In particular, it offers innovative software products and expert support services for inkless data management and equipment integration. For more information on the company, visit the Web

site, www.kinesysinc.com, or call Henk Barreveld in the Netherlands at +31 (30) 233 2331, or Dave Huntley in the US office +1 (707) 766-8855.

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