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Contact Information:

Janet Roberts
EMA Design Automation
949-443-1695
Janet@GJRoberts.com

EMA Compliance Assurance System Tackles RoHS Reporting

Companies can now reduce the resource intensive task of compiling Due Diligence Reports to the push of a button.

Rochester, NY (July 24, 2006) – EMA Design Automation™, a full-service provider of Electronic Design Automation (EDA) solutions, today announced the EMA Compliance Assurance System (CAS) to support companies striving to comply with the wide variety of mandatory requirements for environmental legislations. CAS is an adjunct to the EMA Engineering Data Management (EDM) system, together forming a solution to streamline the entire chain of environmental compliance reporting. The CAS system is designed to handle various environmental compliance regulations imposed by governments around the world. The architecture allows for plug in modules to handle the specifics of any one piece of legislation, with the first available module covering EU RoHS 2006 Due Diligence Reporting.

If the RoHS compliance of a product is challenged triggering a governmental audit, the company producing the product often has 28 days to submit evidence documenting compliance and demonstrating due diligence in the procurement and manufacturing processes. “Even for a small bill of materials, the size of the documents required can be measured in inches or pounds,” said Manny Marcano, President and CEO at EMA. “It is hard to imagine anyone not using an automated method to generate this type of documentation.”

Companies must go beyond showing that the parts they choose are compliant. The process for choosing and procuring compliant parts should be documented to show that the parts are actually compliant via vendors' "Certificates of Compliance" and empirical testing, as required. In addition, the methods used to specify the components and manufacture the product should be demonstrated to be compliant. EMA has partnered with Ageus Solutions to create the Due Diligence Report (DDR) documenting the methods used to achieve compliance.

"The key to being able to respond to a product challenge is getting compliant processes and procedures in place and documented ahead of time," said Bruce Calder, President at Ageus. "We rely on our environmental compliance and legislation background to produce compliance and due diligence reports on the processes and procedures that the company uses in a form suitable to the governing body." Only one Due Diligence Report template is required for each company, division, or product group, depending on the organization of the company. This template is then used for each product compliance document created.

CAS uses the data created during the design process and stored in EDM to compile the supporting compliance documents for the parts and the subassemblies that make up the product. This would include all electrical and mechanical parts, paints and other coatings, and anything else used to produce the product. CAS collates the data from the EDM system along with the company Due Diligence Report into the proper format to produce the final compliance assurance document.

"The beauty of the system is that with the right up front work and our Compliance by Design methodology, companies no longer need to fear a compliance audit," said Marcano. "All of the supporting data is available and a report can be generated at the push of a button."

The EMA Compliance Assurance System (CAS) with the EU RoHS 2006 Due Diligence Report module is available now. For additional information, visit www.ema-eda.com or call EMA at 877-362-3321.

About EMA Engineering Data Management (EDM)

By implementing the EMA Engineering Data Management (EDM) solution, companies are provided a 'Compliance by Design™' methodology allowing engineers to control and streamline the engineering data that is generated in the design of their products. EDM is a database management system that enables companies to have detailed control over all product design data with specific emphasis on environmental compliance material content. The EDM system can manage all relevant product design data including both ECAD (electrical) and MCAD (mechanical) with the capability to create RoHS/WEEE reporting documentation.

About EMA Design Automation, Inc.

EMA Design Automation, Inc. is a full-service provider of Electronic Design Automation (EDA) solutions including software tools, consulting services, environmental compliance solutions, product training, and technical support for the entire PCB and custom integrated circuit design process. EMA was founded in 1989 and has been a Cadence distributor since 1998. Staffed with experienced engineers, EMA offers EDA design solutions tailored to the needs of each individual customer. EMA is a privately held corporation headquartered in Rochester, New York. Visit EMA at www.ema-eda.com for more information.

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