HERNDON, VA -- A new *iNEMI* white paper profiles studies by two electronics industry consortia that are helping industry move toward halogen-free electronics. Each project represents three years of work, and both were led by **Dell,** a member of the two consortia.

One of the projects is an iNEMI effort that looked at the global warming potential of PVC alternatives in computer cables and at the recycling/disposal practices in all major geographical regions to understand how power cords are being handled at end of life. The second project is a **High Density Packaging (HDP) User Group** study that compared technical performance of HFR-free replacement materials used in cable products.

Concerns over release of dioxins from halogenated flame retardants (HFRs) used in electronic products when those products are improperly disposed of has led many of the major global computer manufacturers to phase out HFRs, including bromine, chlorine and PVC. These two projects were organized to help manufacturers with this transition.

"These projects demonstrate that the electronics industry is proactively working to reduce its environmental impact, and that we are making progress," said Bill Bader, CEO of iNEMI.

"One thing is very clear, though -- there is no across-the-board, drop-in replacement for HFRs. It is very application-specific and companies must still do considerable work to determine the best solutions for their individual applications and market needs."

"Nonetheless, the conclusions of these studies are encouraging," he continued. "iNEMI's survey of recyclers indicated that the vast majority of PVC cables are being handled responsibly, and we expect that trend to grow, not shrink. In addition, HDP User Group's electrical and mechanical study demonstrates that the performance of certain PVC alternative materials has improved. So, progress is definitely being made."

"Environmental consciousness has become a major part of electronics manufacturing today," said Marshall Andrews, executive director of HDP User Group. "The work of HDP User Group, iNEMI and our member companies will help ensure that this manufacturing is efficient, responsible and sustainable."

For a copy of the iNEMI white paper plus links to additional information about these industry projects, go to inemi.org/node/2366 .