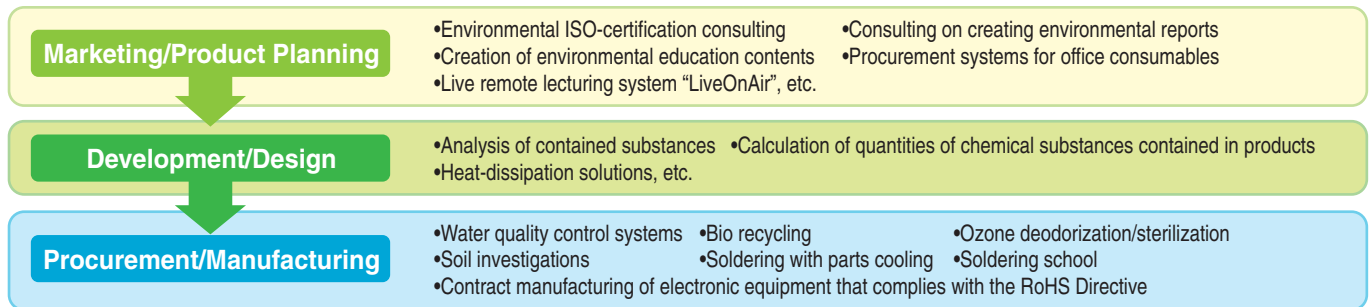




Environmental Solutions Business

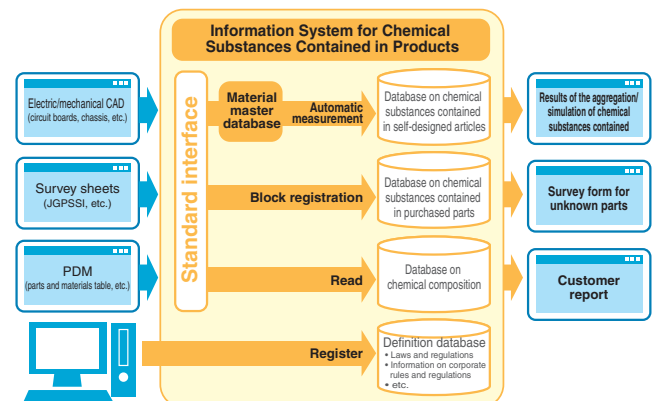
The Oki group is engaged in a variety of environment solution businesses, leveraging the know-how on environmental measures accumulated up to now. This team aims to broaden and improve the environmental solutions business, proposing technologies and systems that lead to a reduction in environmental impacts to our customers.



Information System for Chemical Substances Contained in Products

Oki Techno Creation Co., Ltd. added a function to assist in green procurement surveys to our information system for chemical substances contained in products and is selling the system under the name “COINServ-COSMOS” to external customers. The system aggregates and simulates the quantities of chemical substances contained in a product by linking a parts database and the design system that has the information on the composition of the product. The system allows easy searches as to what part(s) of a product contains the aggregated chemical substance. COINServ-COSMOS can also extract unknown parts and create survey sheets required for green procurement or reports related to substances contained. The system further allows a centralized management of supplier information, monitors the progress of surveys and replies, and helps to avoid overlaps in survey requests.

Example for a COINServ-COSMOS System Configuration



Contract Manufacturing of Equipment to Respond to the RoHS Directive

The production service divisions (Honjo and Tomioka districts) are proceeding with the “Environmental EMS Business”, offering contract manufacturing services for electronic equipment specialized in eco-friendly products that do not contain hazardous chemical substances and comply with the RoHS Directive. Because the substances subject to the RoHS Directive used to be indispensable in conventional production processes, certain know-how is required to select substitution materials or to make the necessary design changes. The services take over all measures related to the RoHS Directive at one stop, from investigations on chemical substances contained up to research and selection of substitute parts, design, testing, prototyping and mass production.



Eco-friendly production organization

Contract Manufacturing for Lead-free Products

Nagano Oki Electric Co., Ltd. is running a mass production system using lead-free solder, and for lead-free products, quality assurance is very important. This is where we install equipment to detect impurities in lead-free solder and take other action to improve the manufacturing process. We are working to stabilize the quality of lead-free products, and developed a “Lead-free EMS Business”.



Production organization supporting lead-free solder (Soldering line with equipment to detect impurities)