

NEW BUSINESSES

Targeting renewed growth, OKI actively pursues new business opportunities based on unique technologies amassed within the Group.



Solar Tech Business: “Photovoltaic Power Conditioner”

This DSP*1 control technology to maintain high power conversion efficiency even when electricity generation from a solar battery is low.



LED applied technology

Applying LED technologies amassed in its printer business, OKI is developing ultrasmall displays and other new businesses slated for future growth.

Tapping new businesses focusing on energy and the environment

Today, OKI is bringing together its technological expertise and know-how to pursue new businesses in energy- and environment-related fields with the potential of becoming future growth pillars of the Group. Three areas of current focus are the chemical substances in products management systems business, the solar tech business, and the LED applied business.

With respect to the chemical substances in products management systems business, we address the increasing “Green Procurement” needs of customers amid heightened concerns about the environment. We provide packaged information on chemical substances management and data collection system, originally designed for the OKI Group, to unaffiliated customers. Our offerings extend beyond provision of systems to include consulting services related to chemical substance information management. In addition to these in-house initiatives, we are working to expand our business utilizing collaborating channels.

In the solar tech business, we offer power conditioners for use in photovoltaic power generation systems. We are providing products for thin-film panels, where future growth is expected, using our technological strengths in high-frequency insulation type and DSP full digital control.

In the LED applied business, we deploy LED and Epi Film Bonding technology*2, cultivated by the printer business, to new areas including displays. As the first step in display devices, we have successfully developed a 1.1-inch QVGA high-brightness LED display with low power consumption. Going forward, we plan to enter the market for head-up displays and use that field as a springboard for further business expansion.

*1 DSP: Digital Signal Processing

*2 Epi Film Bonding technology: Technology of bonding different film substances using intermolecular bonding force instead of adhesive agents