

Flexible, Organic and Printed Electronics Solutions in Important Industry Sectors

Automotive

OLED lighting for rear lights, ambient lighting by hybrid electronics, printed (radar) antennas, seat occupancy detection, seamless integration of touch sensors, smart HMI functions, integrated heating foils



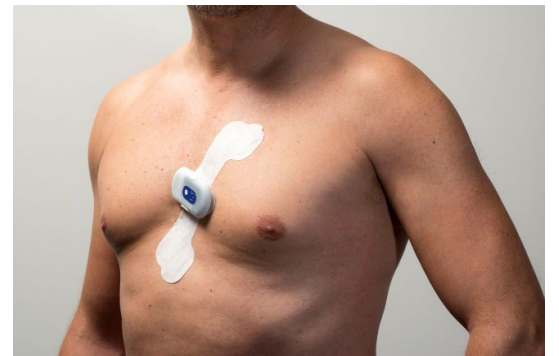
Consumer Electronics

Foldable & flexible displays for smart phones / tablets / wearables; Curved touch surfaces with sensing & signage for white goods; smart wearables and textiles; smart patches for sports tracking, OLED lighting; printed Batteries, printed QD layers in TVs, Printed OLED TVs and Monitors



Healthcare

Smart medical packages for therapy monitoring; textiles with embedded pressure sensors, temperature/ humidity sensors, continuous real-time heart monitoring, patches for therapy and vital parameter monitoring; sensors for on- and off-body biomarker diagnosis; smart wound treatment and bandages; Sensors for medical applications (Blood-Glucose-Test, intelligent incontinence solution), pressure sensor (Dental occlusion measurement films)



Printing & Packaging

Automated stock replenishment system, large area capacitive sensor floor, thin film encapsulation for OLED, RFID, NFC, flexible batteries, smart packaging for food and medical with time and temperature tracking, light emitting packaging (EL, OLED), non-light-emitting technology (EPD, ECD)



Smart Buildings

Sensors for material monitoring, energy management (climate, smart windows) and wellbeing (humidity, gas); energy autonomous sensors; Heating and touch elements; BIOPV; OLED lighting, OPV on walls



Internet of Things

Connected home appliances, autonomous cars and smart wearables, precision agriculture, environmental monitoring, Supply chain management with item level tagging, data loggers for containers, voyage optimization

