

Applying a broad range of core technologies to the creation of new value

Group R&D organization anchored by Konica Minolta Technology Center, Inc.

At Konica Minolta, where our management philosophy is "The Creation of New Value," we have developed an R&D organization anchored by Konica Minolta Technology Center, Inc. to create the technical innovations needed to support strong growth for our Group. By advancing basic technologies, pursuing research aimed at developing next-generation technologies, and searching for leads to new, as-yet undiscovered technologies, Konica Minolta Technology Center drives high-paced, strategic R&D activities, while supporting Group-wide technological development and engaging in close communication with the product development units of individual Group companies.

Identifying future needs and applying core technologies to promote the development of new businesses

Working from a base of 12 core technologies it has created and built upon over long years of experience in 4 segments, Konica Minolta has given rise to unique products and developed a wide range of businesses. With our eyes on future growth, we are concentrating on evolving products for our existing businesses and creating and nurturing the development of new businesses that will become next-generation core operations. Targeting environment and energy, health, security and safety, and other fields of keen interest to society, we are studying elemental technologies that we will combine and meld to create new value going forward.

Konica Minolta Core Technology Deployment

Core technologies		Business Technologies Business	Performance Materials Business	Optics & Sensing Business	Healthcare Business	Industrial Inkjet Business	Planetarium Business
The field of materials	Functional organic material synthetic technology	√	√				
	Functional organic material design technology	√	√			√	
	Functional fine grain forming technology	√			√		
	Film-making and coating technology		√	√	√		
The field of nano-fabrication	(Precision) Molding technology			√			√
	Surface processing technology		√	√			√
The field of optics	Optical design technology	√	√	√	√		√
	Optical measuring technology			√			
The field of imaging	Image processing technology	√		√	√	√	√
	(Imaging) Mechanical processing technology	√			√	√	
	Feeding technology	√	√		√	√	
	Precise driving technology	√		√			√

Boosting researcher creativity with an open development environment

Materials researchers attached to Konica Minolta Technology Center, Inc. and to other Group companies work at the Materials R&D Building located at the Tokyo site. There, we have gone to great lengths to create an open research environment that stimulates creativity. This environment includes features like the "Synergy Hall," established to allow researchers to freely share ideas and information across company lines, and research labs that let researchers see what others are doing through glass walls.

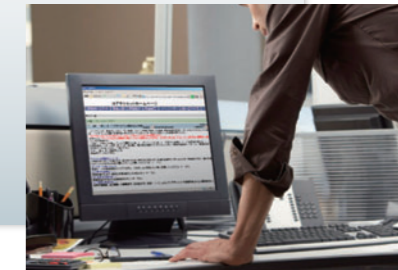


Giving young researchers opportunities to study and network

Every year, Konica Minolta selects 20 young researchers from among a group of self-selected candidates to participate in the "Engineers Challenge Forum." The purpose of this program is to develop Konica Minolta's future technical leaders by giving researchers early in their careers a period of about one year during which they can gain personal experience in investigating next-generation technologies and interact and collaborate with peers across the lines that normally define businesses and fields of expertise.

Promoting the sharing of information among engineers over an intranet

Konica Minolta has established an intranet-based internal bulletin board for engineers to share information with peers throughout the Group. This bulletin board, the "CoreTech.net," has become a place where engineers across various specializations actively comment on and respond to topics that have been raised and questions that have been posed by other engineers.



Internal analysis and evaluation facilities supporting speedy R&D

At Konica Minolta, internal facilities for analyzing and evaluating chemical substances and microstructures make progress toward technical advances more efficient by enabling speedy R&D in the fields of materials and nano-fabrication.



Konica Minolta Technology Center, Inc. using its broad array of functions to lead the Group's R&D

Konica Minolta Technology Center, Inc., as a driver of the Konica Minolta Group's continuous provision of new value, strives to create new technologies, advance basic technologies, and support the product development efforts of individual Group companies. Its research labs are leading cutting-edge development efforts in systems. In addition, applying resources in the form of its "Intellectual Property Center," which secures and applies intellectual property, and "Design Center," which leads product and brand design efforts, the Konica Minolta Technology Center supports product development for the entire Group.

