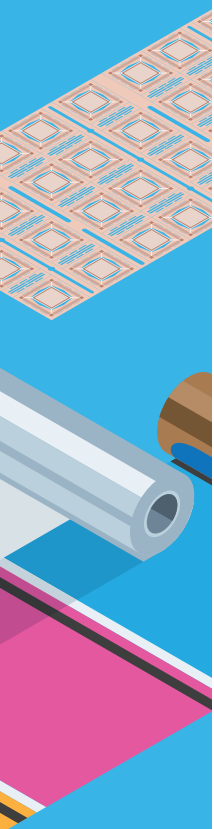


# Segment Information

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## CONTENTS

- 36 Information Communication
  - 36 Business Strategies
  - 38 Financial Results
  - 40 Presentation of Growth Businesses and Strategic Businesses
- 44 Lifestyle and Industrial Supplies
  - 44 Business Strategies
  - 46 Financial Results
  - 48 Presentation of Growth Businesses and Strategic Businesses
- 50 Electronics
  - 50 Business Strategies
  - 52 Financial Results
  - 54 Presentation of Growth Businesses and Strategic Businesses





# Information Communication



Top right: Photo books  
Above, from left: E-book reader, Maruzen's main store in Tokyo's Marunouchi district,  
Opening an account using DNP's smartphone app

## Business Strategies

As information becomes increasingly digitized and networked, and information media become increasingly diverse, major changes are occurring in consumers' values and lifestyles. Against this backdrop, DNP makes use of its strengths in printing and information technologies to develop a wide range of businesses that "deliver the information that consumers want, at the time they want it and in the media format they want."

In addition to its existing businesses—books and magazines, commercial printing, business forms, and education and publications distribution—as of April 2015 the Information Communication segment also includes the Imaging Communication business that was transferred from DNP's Lifestyle and Industrial Supplies segment. The Imaging Communication unit addresses the entire "imaging market" as its business field. Information Communication will work more closely with Imaging Communication and combine text, images, video, audio and other content with various forms of information media in order to develop and provide services that lead to more dynamic communication for consumers and businesses.

DNP will continue to offer products and services that solve problems in today's advanced information society, including marketing consulting, the "honto" hybrid bookstore network and publishing solutions that handle both paper and electronic media, electronic flyers, smartphone applications, e-commerce websites, and shopping support services. DNP is also one of the largest manufacturers/issuers of smart cards in Japan. In December 2013, DNP began operating its Kashiwa Data Center as a base from which to provide advanced information security. In addition to utilizing its various strengths to offer total security solutions that allow consumers and businesses to enjoy safety and reliability in the management of their vital information, DNP will endeavor to expand its Business Process Outsourcing (BPO) operations.

In July 2014, we merged our Commercial Printing and Business Forms organizations, placing their nationwide sales, planning and manufacturing functions under a unified control framework. We aim to increase revenues and capital efficiency by improving customer service, enhancing solutions proposals, and boosting production efficiency, etc.

## Main Policies

### Expanding “honto” hybrid bookstore network and paper/digital publishing solutions

- Rather than serving solely as a manufacturer of printed materials, provide total support for stimulation of the publications market, for example through marketing and customer service.
- Provide a full range of publishing services including production of paper and electronic books, and print on demand services.
- Promote DNP’s “honto” hybrid bookstore network, which links physical bookstores, online mail-order sales, and an e-book sales website.

### Promoting DNP’s business process outsourcing (BPO) business

- Expand BPO operations to provide comprehensive support for corporate clients’ overall business processes.
- Offer a variety of solutions, including market research, analysis of operational problems, business process design, operation of data centers and customer service centers, and production and shipment of sales promotion tools.

### Total security solutions that protect information, people, and organizations

- Establish secure infrastructure for reliably protecting sensitive corporate information and consumers’ personal information.
- Collaborate with business partners to offer total security solutions that guard both physical locations and online, virtual spaces.

### Settlement-linked marketing

- As a leader in the Japanese smart card market since the 1980s, express our strength in smart cards at the global level.
- Expand card-linked offers (CLO: payment history-based sales promotion) and other types of settlement-linked marketing methods based on verification of their effectiveness.

### Expanding business that makes use of big data and consumers’ point of view

- Focus on developing communication channels that connect corporations and consumers.
- Expand various types of service businesses targeting the growing number of foreign visitors to Japan and Japanese traveling overseas.
- Develop O2O (Online to Offline) services for encouraging online users (of a mobile application, for example) to go to physical stores and buy merchandise.

### Imaging Communication: everything to do with images

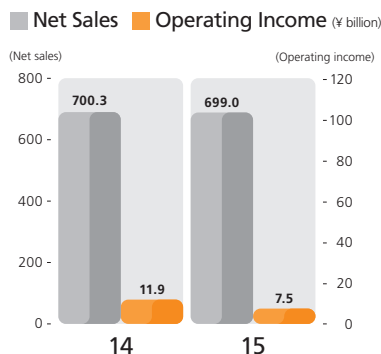
- Reinforce global manufacturing, sales and service systems; expand field of business beyond printing media to include the entire “imaging market.”
- Develop and provide—to photo imaging markets in Japan and overseas—solutions that offer more enjoyment, convenience or other added value.

# Financial Results

## Financial Highlights

(¥ billion, %)

	2014.3	2015.3
Net sales	¥ 700.3	¥ 699.0
Operating income	11.9	7.5
Operating income margin	1.7%	1.1%



### Net sales

Business related to smart cards and settlement services grew nicely. However, due to factors like stagnation in the publications market and decreased demand for flyers, catalogs, and other commercial printed matter, the business environment surrounding the segment remained harsh. Partly because of comparison with the previous year, when we experienced a surge in information processing demand related to the introduction of the Nippon (Japan) Individual Savings Account (NISA) system, net sales declined by 0.2% or 1.35 billion yen from a year earlier.

### Operating income

The segment enjoyed increased sales related to electronic money and other smart cards for financial institutions as well as international brand prepaid systems and other settlement services, which helped boost net sales and income. In addition, we worked on cutting costs in manufacturing units, for example by increasing our in-house production rate. However, due to factors like intensified competition pushing down unit prices, higher raw material costs and increased expenses related to development of e-books and other businesses, operating income declined by 4.37 billion yen or 36.7% year on year. The segment's operating income margin decreased by 0.6 percentage point, from 1.7% a year earlier to 1.1%.

## Fiscal Term through March 2015: Business Environment and Summary of Financial Results

### Books and Magazines

The Japanese publications market has continued to shrink since 1997. In the year through March 2015, an increase in the Japanese consumption tax rate applied further pressure, and demand remained sluggish. Publishing industry sales declined by 3.9% from the previous fiscal year to 1,594.6 billion yen according to Japan's Research Institute for Publications. The number of magazines sold declined while the number of magazines that suspended publication increased, resulting in a 3.9% year-on-year decline in magazine sales to 849.0 billion yen. Amid a dearth of big-selling books, book sales also declined by 3.9%, to 745.5 billion yen. Meanwhile, according to Impress Research Institute, Ltd., Japan's e-book market grew sharply, by 35.3% in the fiscal term through March 2015, to 126.6 billion yen. Combined with electronic magazines, the overall market for electronic publications amounted to 141.1 billion yen.

Although DNP actively developed publishing-related proposals and sales activities, lackluster demand in the publishing market caused sales of both books and magazines to end below the previous-year level.

As the Japanese publishing industry's "No.1 partner," DNP intends to stimulate the publishing market by offering comprehensive support not only as a manufacturer of printed materials but as a provider of publishing-related marketing, sales promotion planning, distribution and sales services.

### Commercial Printing

Although Japanese corporate advertising expenses in the fiscal year ended March 2015 grew by 2.3% from the previous year (according to Japan's Ministry of Economy, Trade and Industry), the growth occurred in television and Internet-related advertising, while printed sales promotions declined by 2.3%. Sales were affected by such trends as a decrease in printed flyers and direct mail along with a shift toward online distribution of product catalogs and instruction manuals.

On the other hand, DNP has been increasing collaboration between its Commercial Printing sector and other business units and working to expand new businesses. In addition to teaming up with Packaging operations to develop promotional planning for food manufacturers, we began providing a digital signage-based information distribution service for transportation, tourism and distribution-related businesses. Nevertheless, because of slow sales of flyers, catalogs and other printed matter throughout the fiscal term, overall sales declined year on year.

DNP's Commercial Printing business handles companies' sales promotion, and is developing comprehensive shopping support services based on consumers' standpoint. In addition to information media and content production, we will also handle interactive communication systems and provide value-added services that make use of consumer information.

## Business Forms

As part of corporations' efforts to streamline and trim expenses, they are increasingly using their websites to publish various types of notices and to handle applications and inquiries. Because this entails the online exchange of sensitive corporate information and consumers' personal information, ensuring high-level information security has become more important than ever. We are working on leveraging our strengths—including DNP's solid security infrastructure and our track record in manufacturing, issuing and developing software for smart cards—in order to expand our original security solutions businesses.

In the fiscal term ended March 2015, Business Forms saw increased sales of smart cards used by financial institutions and electronic money applications, while settlement services for international brand prepaid systems, etc., also expanded nicely. However, demand for paper products such as ledger books and continuous forms decreased. Sales also declined in Information Processing Services (IPS), which handles personalized mail production, from data input to printing and mailing, partly because of a drop in business related to the Nippon (Japan) Individual Savings Account (NISA) system that was newly introduced in the previous year. Overall Business Forms sales declined relative to a year earlier.

Going forward, we will actively work to win business related to the January 2016 launch of Japan's "My Number" citizen numbering system for tracking social insurance and taxation, including number notifications and card issuance. Since the numbers are also expected to be used for nongovernmental purposes, DNP is gearing up to help clients link them to all kinds of settlement services and medical applications including electronic charts, etc.

## Education and Publications

### Distribution Business

Primarily through our "honto" hybrid bookstore network that combines physical bookstores with online mail-order sales and e-book sales, DNP strives to provide consumers with "the books they want, when they want them, in the formats they want." In December 2014, we launched the "honto pocket" e-reader, which comes preloaded with one or more e-books. We also introduced the "honto with" smartphone application that has proved very popular among book-loving consumers by enabling them to check which bookstores currently stock a book they want, and even to locate it on the bookstore shelf.

Maruzen CHI Holdings Co., Ltd., a DNP Group company, is doing well in multiple businesses including library support and sales of books to universities and libraries. Overall, Education and Publications Distribution sales increased year on year, thanks in part to increased online mail-order and e-book sales, and to the acquisition of Shufunotomo Co., Ltd. as a consolidated subsidiary.

The publications distribution market is expected to continue to face harsh conditions, but DNP intends to expand its business by enhancing marketing and promotional measures, primarily through our "honto" hybrid bookstore network. We will focus on measures such as reducing expenses, consolidating existing stores and rebuilding outdated ones, and otherwise constructing an efficient distribution network in order to boost profitability.

In all four subsegments, we will make use of DNP's earthquake-resistant, fire-resistant, highly secure Kashiwa Data Center and increase cooperation with partners including Nihon Unisys, Ltd., Intelligent Wave Inc. and the largest Vietnamese card manufacturer MK Smart Joint Stock Company as we develop new businesses.



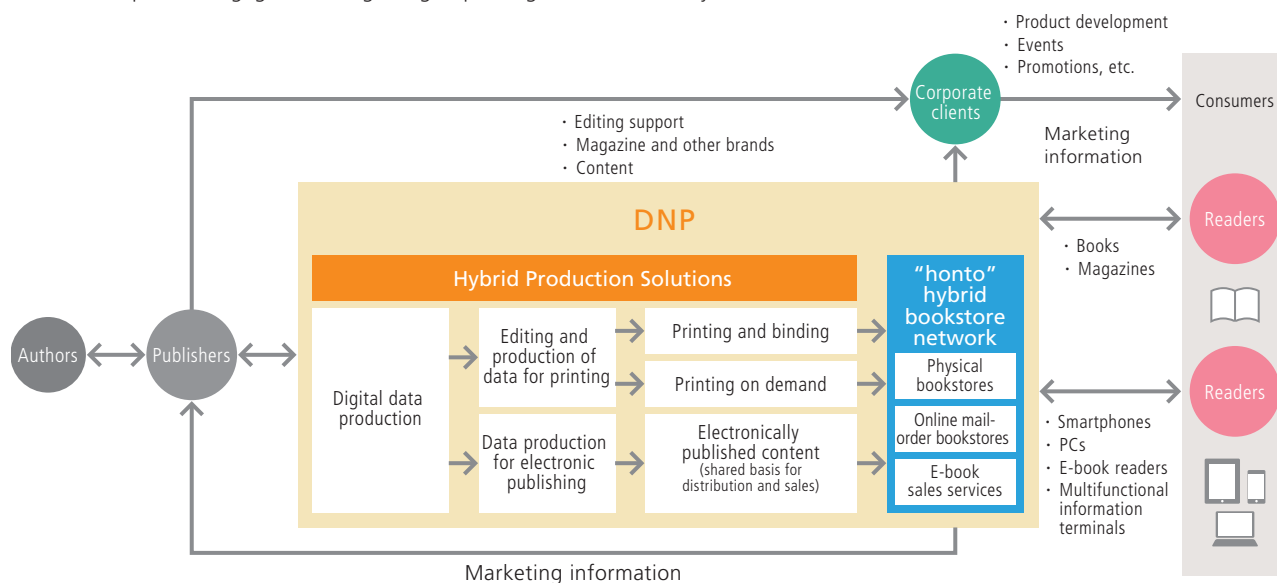
## Presentation of Growth Businesses and Strategic Businesses

### The Japanese publishing industry's "No.1 partner" for both paper and electronic media

As the Japanese publishing industry's "No.1 partner," DNP does not just manufacture printed materials. Rather, we provide comprehensive support including publishing-related marketing and sales promotion planning, and distribution and sales services. We handle both paper and electronic books, and work to increase added value both through manufacturing-related activities like printing and bookbinding, and through services like content and application development.

DNP was quick to engage in the digitizing of printing

processes. We built an electronic composition system in the early 1970s, which has led to our ability to provide optimal solutions for both paper and electronic publications today. Besides printing large lots, we also offer "print on demand" small-lot printing services. We continue to develop new businesses by increasing cooperation with publishers. For example, we help publishers make long-term use of magazine content by combining diverse information media in a variety of ways.



### Expanding hybrid publishing solutions and DNP's "honto" hybrid bookstore network: providing "the books readers want, when they want them, in the formats they want"

In order to provide consumers with "the books they want, when they want them, in the formats they want" even as consumers' reading styles are diversifying, we linked our honto.jp website (which offers both electronic and paper books) with DNP-affiliated physical bookstores (operated by Maruzen Co., Ltd., Junkudo Co., Ltd., and Bunkyo Group Holdings Co., Ltd.) to form the "honto" hybrid bookstore network. Among the benefits that customers receive by belonging to the "honto" network are loyalty points that accumulate whether they buy from a physical bookstore, online mail-order or electronic bookstores, a single customer ID that works throughout the system, a dedicated smartphone application that allows them to check network-wide inventories and even shelf locations of items they want, and recommendations based on purchasing history in all formats.

As of June 2015, "honto" had more than 2.8 million members, and some 150 bookstores were offering loyalty points that can also be used on the honto.jp website. The site offers more than one million paper books and other items by mail order, along with Japan's largest e-book sales service, handling about

450,000 titles in the fields of literature, comics and business.

Through these publications distribution businesses, DNP tracks and analyzes consumer needs and purchasing trends. We provide this highly reliable marketing information to publishers and other businesses in order to help stimulate the publishing market.



The "honto pocket" e-book reader, pre-loaded with e-book content. Nine versions were offered for sale as of June 2015, including "Agatha Christie Complete Collected Works" and "Masterpieces of Mystery: Selected by Ellery Queen."

"honto with" smartphone app helps readers buy books from bricks-and-mortar bookstores



## Promoting DNP's Business Process Outsourcing (BPO) services

DNP is focusing on expanding its business process outsourcing (BPO), which provides comprehensive support for clients' business processes. We offer much more than simple outsourced operations. Rather, we take a broad view of the field of business process outsourcing and offer a variety of solutions ranging from analysis of operational challenges and construction of necessary frameworks and systems to planning, design, and actual execution of business processes. In this way, as a business partner who is aligned with client companies' management strategies in the medium- to long-term, we will continue to support effective and strategic operational reforms aimed at strengthening clients' business structures and helping them achieve expansion of their businesses.

Today, DNP offers more than just manufacturing processes for making products like printed matter. We are highly regarded as a comprehensive business process outsourcing (BPO) provider involved in all kinds of ways in organically linking consumers, companies, and society. Examples include marketing planning based on our own market research and analysis, analysis of operational challenges and design of overall business processes, construction of secure information environments and data center operations, handling of all types of applications and inquiries from consumers, and operation of customer service centers.

In the fiscal year ended March 2015, we took on a series of large-scale, challenging BPO projects. For example, in a project related to applications for group insurance policies, we offered comprehensive support including computerized design of forms used by insurance company sales representatives, printing of personalized applications with customer information filled in, and input of data taken from submitted applications. DNP's comprehensive photography-related services are popular among distribution businesses: we operate a photography studio, process, organize and store photo data according to how it is to be used, and manage projects that make use of various types of information media. Each year we are doing more "full printing outsourcing" whereby when printers owned by banks, insurance companies and other financial institutions are due for replacement, we take over all of the printing operations that they previously handled in-house using their own equipment.

We will continue to expand our BPO business by meeting demand related to public projects such as the introduction of Japan's "My Number" citizen ID numbering system, implementation of economic stimulus measures, and regional development.



### Why DNP? 1

Capacity and track record for comprehensive handling of business processes, from generating information to collecting it

### Why DNP? 2

Execution of processes using the latest and best information technologies

### Why DNP? 3

Nationwide business continuity plan (BCP) framework

### Why DNP? 4

A highly secure operating environment for handling sensitive information

### Why DNP? 5

High degree of credibility in our ability to hold over many years of business execution



## DNP security solutions: protecting information, people and organizations

In recent years, there have been many incidents of information leakage as a result of cyber attacks from outside an organization or criminal acts perpetrated from the inside. In many cases, these incidents occur because of weaknesses in the organization's information security, and there are a variety of measures that should be taken to prevent such incidents. It would be difficult for every company to undertake on its own the introduction and operation of network security equipment, room entry and exit control, document control, PC and server endpoint control, review of various types of logs and operational flow, employee education, and the drafting and promulgation of various in-house regulations, etc.

DNP serves as a one-stop source for information security-related needs, including consulting, identifying corporate clients' vulnerabilities, and providing products and services that address those vulnerabilities. Perpetrators of cyber attacks often gain

entrance to the network of the targeted corporation or public agency by sending to someone inside the organization e-mail that is designed to trick the recipient into opening an attached file containing malware. Because this type of malware is customized for each targeted organization, it usually cannot be detected by off-the-shelf antivirus software. To counter this problem, in May 2015 DNP concluded a sales agency agreement with Palo Alto Networks and began providing its targeted attack protection program, Traps Advanced Endpoint Protection. Once Traps is installed on a computer, it "lies in wait" until it detects one of several particular programming methods used in cyber-attack malware, then forcibly stops the attack program as soon as it starts operating.

DNP combines the latest solutions to help businesses and other organizations bolster their information security functions.

### Examples of DNP's Comprehensive Security Solutions for Businesses and Other Organizations

Physical security	Endpoint security	Cyber security	Mobile security
Entry/exit control	Malware detection	Malware detection	Malware detection
Surveillance cameras	PC operation control and monitoring	Illicit money transfers and phishing countermeasures	Illicit money transfers and phishing countermeasures
Vehicle gates	IT asset control	Website and network vulnerability diagnosis	Application tampering prevention
Document control	Personal information detection	Web tampering detection	Application tampering detection
Secure printing	Authentication reinforcement	Damage control following information leakage	Application vulnerability diagnosis
Control of keys and valuables	Prevention of erroneous mail transmission	Targeted attack mail-handling drills	Remote control and monitoring of terminals
Other			
Information security consulting	Information security education	Various types of security authorization acquisition support	Zoning and consulting
			Emergency shelter systems

### Overseas security businesses based on holograms and other anti-counterfeiting technologies

In June 2015, DNP agreed on a security solutions business tie-up with De La Rue Plc., one of the world's top secure printing companies and a leader in many security-related fields. Based in Britain, De La Rue is the world's number one manufacturer of paper currency. The firm's global businesses include secure printing of passports, driver licenses and other official documents, and provision of paper money numbering equipment and ATM machines, etc.

Amid demand for more sophisticated information security to keep pace with progress in telecommunications technology, the two companies aim to generate new solutions and lead the global security business by combining DNP's advanced anti-counterfeiting technologies with De La Rue's secure printing

technologies. As a first step, DNP will provide its Lippmann holograms, embossed holograms and other security products to De La Rue in order to participate in overseas security markets.



De La Rue CEO Martin Sutherland (left) and DNP Managing Director Sakae Hikita (right)

## Expanding our imaging solutions business, starting with manufacturing and sales of printing media

In the 1980s, DNP developed two types of printing media—dye-sublimation and thermal resin—by applying the coating technologies that it had cultivated through its printing business. Today, we make use of our global manufacturing and sales frameworks to expand sales of dye-sublimation media, which is used in photo and card printers that produce high resolution, full-color images, and of thermal resin media used for printing barcodes.

Due to increasing use of smartphones, consumers have far more opportunities to take photographs, and photo-related demand is becoming more diverse. In response, we have broadened our business to address all aspects of the “imaging

market,” from taking photographs and processing and printing photo data, to using images to stimulate communication between consumers and between consumers and companies. Based on the idea of “building a future that links people to the world through imaging,” we will increase collaboration with other DNP business units and with outside partners in order to develop new IT solutions in addition to developing and manufacturing conventional printing media and developing printing systems and software. The end goal is to provide convenient products and high-added value services that consumers can enjoy.

### Reinforcing global deployment of printing systems

Our subsidiary DNP Photo Imaging Japan Co., Ltd. operates about 3,000 PrintRush self-service printing systems with built-in dye-sublimation type printers as well as about 7,000 Ki-Re-i ID photo kiosks throughout Japan. These systems are highly regarded by consumers, mainly because they are easy to use and deliver high-quality images. Both systems are among the top players in their respective markets in Japan. In addition to responding to consumers’ needs, we develop and provide products and services that arouse new demand. For example, we made it possible to use PrintRush to print photos taken with a smartphone, and we developed a feature that allows ID photos taken using our Ki-Re-i system to be sent to and saved on a smartphone.

In December 2014, DNP Imagingcomm America Corporation (a U.S. subsidiary of DNP) acquired Foto Fantasy, Inc., which operates self-service, automated photo print systems (photo booths) mainly in North America, and is one of the largest players in the U.S. market. Foto Fantasy’s booths, found in shopping malls, zoos, and amusement facilities, etc., allow users to purchase “fun photo” prints that synthesize images recorded in the booth with characters, logos, and other images tailored to each booth’s location. DNP intends to expand this business worldwide.



PrintRush self-service photo printing system

Ki-Re-i ID photo kiosk



Foto Fantasy, Inc. self-service photo booth

### DNP leads the growing market for photo books

DNP’s DreamPages service enables customers to casually create a personalized photo book or album by using DNP’s website or a free, dedicated application. After arranging photographs on each page and inserting comments, users can print out a high-quality original photo book from our six-color digital printer. In order to create new demand, we will continue to expand our lineup of products like these.



A photo book made with “DreamPages”

# Lifestyle and Industrial Supplies



Top right: Photovoltaic panels  
Above, from left: Interior materials for hospital use, Biomass plastic packaging

## Business Strategies

The Lifestyle and Industrial Supplies segment is composed of three business divisions: Packaging, Lifestyle Materials, and Industrial Supplies. The segment plays a vital part in our corporate clients' manufacturing processes and provides many products that are important in the daily life of consumers. DNP's Packaging business creates many of the packages that consumers pick up and use, including packaging for foods and beverages and for pharmaceutical products. Lifestyle Materials is involved in a wide variety of products that form the spaces in which consumers live, such as floor and wall coverings, residential exterior products, and automotive interior products. Products provided by Industrial Supplies include components used in photovoltaic cells and lithium-ion rechargeable batteries.

Products and services that are indispensable to comfortable living must also contribute to people's safety and sense of security. They must be designed with consideration of universal design principles that make products and services easy to use for most consumers. In our development and production activities, we must consider energy conservation and cleaner energy sources, minimize stress on the environment caused by the use and disposal of our products, and work to preserve biodiversity. Our strategy for the Lifestyle and Industrial Supplies segment is to anticipate the diverse needs of businesses and consumers in Japan and overseas and develop a large number of products and services that enrich people's lives while fulfilling all of the above conditions.

DNP has identified four growth areas that present themes for the development of new businesses across our existing business unit boundaries: knowledge and communication; food and healthcare; environment and energy; lifestyle and mobility. Naturally we will encourage in-house cooperation to make the most of the technologies and expertise that our segment has cultivated. In addition, we will work to speed business creation by actively collaborating with research institutes and companies that have particular strengths.

In April 2015, our Imaging Communication business, which handles materials used in photo printing, was transferred to DNP's Information Communication segment. The segment provides many consumer services that make use of information technologies. Going forward, we intend to continue our course of developing high-added value services that meet consumers' needs in areas such as photo printing and photo album creation.

## Main Policies

### Packaging

- **Develop eco-friendly, advanced products worldwide**
  - Reduce the burden that our products place on the environment; actively develop products that are both eco-friendly and biodiversity-friendly.
  - Enhance lineup of advanced products with outstanding functionality including preservation of package contents.
    - Transparent films that are exceptionally impermeable to oxygen and water vapor
    - Packaging made from plant-derived materials or other recyclable resources, etc.
  - Make use of overseas production bases to promote global packaging business.
  - Analyze consumers' packaging usage patterns and awareness of packaging-related issues.
  - Develop packages that are easy for anyone to use, in accordance with universal design principles.

### Lifestyle Materials

- **Provide solutions for the spaces in which people live their lives**
  - Enhance lineup of products using DNP's original electron beam (EB) coating technology.
    - Scratch and soil-resistant wall and floor coverings; exterior products with outstanding weatherability, etc.
  - Develop businesses that address the entire living space supply chain: examples include living environment assessment, living space design, proposals based on special considerations such as Kansei (affective) engineering, and development of easier construction methods.
  - Develop new products needed for the realization of smart cities and smart houses.
    - Metal panels and other materials that save energy by effectively reflecting and diffusing light
  - Expand market share in Europe, the Americas and emerging countries by making use of DNP's global business networks.

### Industrial Supplies

- **Reduce energy consumption by providing diverse products**

#### Advanced Materials

- Supply customers in Japan and overseas with advanced products that solve environment and energy-related problems by making use of DNP's original converting (materials processing) technologies.
- Photovoltaic cells: Reduce costs and increase functionality of back sheets and encapsulants; develop new products that help improve the conversion efficiency and reliability of photovoltaic cells.
- "Soft packs" for lithium-ion batteries: Take advantage of our strength as the world's number one supplier to expand applications beyond mobile devices to include, for example, electric vehicles and household-use storage batteries.
- Focus on developing new products, including products that maintain comfortable light and heat levels, and advanced barrier films for medical or agricultural applications.

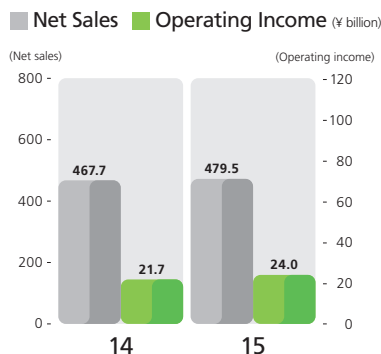
★ In April 2015, DNP's Imaging Communication business was transferred from Lifestyle and Industrial Supplies to Information Communication. Main policies for Imaging Communication can be found on page 37.

# Financial Results

## Financial Highlights

(¥ billion, %)

	2014.3	2015.3
Net sales	¥ 467.7	¥ 479.5
Operating income	21.7	24.0
Operating income margin	4.6%	5.0%



### Net sales

Sales of floor and wall coverings and other Lifestyle Materials declined due to an increase in the Japanese consumption tax. However, sales of aseptic PET plastic bottle filling systems and film packaging products increased, and sales of dye-sublimation thermal transfer printing media were solid, so overall segment sales grew by 11.78 billion yen, or 2.5%.

### Operating income

Operating income was affected by higher prices for films, resins, and other raw materials as well as by increased competition which drove down unit prices. Nevertheless, thanks to other factors such as increased net sales and photo printing materials exports (which were helped by the cheaper yen), operating income grew by 10.5% or 2.27 billion yen. The operating income margin increased 0.4 percentage point from the previous year's 4.6%, to 5.0%.

\* In April 2014, DNP's optical film business was transferred from Lifestyle and Industrial Supplies to the Electronics segment. Figures for the term ended March 2014 in the chart above have been adjusted to reflect the new configuration of the Lifestyle and Industrial Supplies segment.

## Fiscal Term through March 2015: Business Environment and Summary of Financial Results

### Packaging

In the year through March 2015, sales of paper packaging products declined, but sales of large-scale aseptic PET plastic bottle filling systems increased, and Packaging enjoyed strong sales overseas, especially in Indonesia. Overall packaging sales increased relative to the previous term.

Worldwide, DNP's sales of plastic film packaging and paper cups increased. Overseas, we responded to robust demand from the still-growing markets of Southeast Asia by providing high-added value products and services to Japanese and other global companies operating in the region. At home, in July 2014 we consolidated our sales organizations throughout Japan and introduced a new, unified system in order to boost competitiveness and achieve overall optimization. We will work on increasing customer satisfaction and new orders, which we hope will enable us to expand our business.

### Lifestyle Materials

According to Japan's Land, Infrastructure and Transportation Ministry, Japanese housing starts in the fiscal term through March 2015 declined by 10.8% year on year to about 880,000 units, marking the first decline in five years. The decline followed a jump in housing starts toward the end of the previous year, when residents rushed to build before a scheduled consumption tax hike. DNP's Lifestyle Materials business concentrated on selling eco-friendly products made with DNP's unique electron beam (EB) coating technology and other high-added value products that offer outstanding design and functionality. Although we worked hard to increase our share of the market, the drop in demand outweighed those efforts and sales ended below the previous-year level.

Going forward, we aim to develop new applications including residential and automotive products using EB coating and aesthetic steel plates for use in railway cars. In addition, we intend to strengthen overseas business development. Primarily at the "DNP Sumai Mirai Lab" that we established in October 2014, we are expanding cooperation between industry, government and academia and plan to develop new products and services that will offer greater comfort and abundance in a variety of living spaces including homes, offices, commercial facilities and vehicles.



## Industrial Supplies

### Advanced Materials

According to the Japan Photovoltaic Energy Association, the fiscal term through March 2015 saw increased (in terms of power generation capacity) domestic shipments of industrial-use photovoltaic cells, primarily for use in large-scale solar power plants. Shipments increased by 8% to 9,216,325 kilowatts over the same period a year earlier, to an all-time high level. Among the encapsulants, back sheets and other photovoltaic module components offered by DNP, there was an increase in sales of high-performance, highly durable products that improve power generation efficiency.

DNP's lightweight, easy-to-process soft packs for lithium-ion rechargeable batteries are among the most popular in the world. In the term ended March 2015, demand for smartphones and tablet PCs was solid. Sales of soft packs for use in in-car devices were sluggish despite high hopes for wider use of such devices, and subsegment sales dipped below the previous year's level.

In the future, we intend to boost the functionality of our components used in photovoltaic cells and lithium-ion rechargeable batteries. In addition, we plan to use our proprietary converting (materials processing) technologies as we focus on developing and marketing highly reliable new products. We will continue to work on expanding our advanced materials business through products like films for controlling light and heat, and high-added value barrier films for medical and industrial applications.

### Imaging Communication

In the commercial photo printing market, companies are increasingly switching from the conventional silver halide method to dry methods that do not require a developing solution. Buoyed by this trend, DNP's sales of dye-sublimation thermal transfer printing media (color ink ribbons and receiver paper) used for printing photos have grown significantly in the Southeast Asian, North American, and European markets. The business's performance was also helped by the full start-up of our new plant in Malaysia, which we finished building in December 2013. We also enjoyed strong sales of thermal resin-type transfer printing media, which is employed for printing bar codes used in production control and distribution. Sales in this sector in the term ended March 2015 exceeded those of the previous year.

In the overall "imaging market" that we view as this sector's business arena, there is growing demand among consumers for photo printing and photo album creation, which we believe presents an opportunity to provide high-added value services that make the most of information technologies. In order to smoothly develop these types of solutions, in April 2015 we transferred Imaging Communication to our Information Communication segment. By combining our global framework for manufacturing and selling dye-sublimation type and thermal resin-type thermal transfer printing media with a variety of information services, we intend to develop high-added value businesses aimed at consumers and corporate clients.



## Presentation of Growth Businesses and Strategic Businesses

### Packaging

### Expanding business around three ideas: environmental protection, high performance, globalization

DNP engages in a wide variety of packaging operations in Japan and overseas with the aim of becoming the “No.1 partner” of consumers and corporate clients. As part of our efforts to help meet worldwide demand for affluent and convenient lifestyles that place minimal burden on the environment, we are working on developing new materials and designing high-performance packages that are easy to use.

Particularly in Japan, the birth rate has fallen, the average age has risen and lifestyles have diversified to the point that significant changes are occurring in markets for the kind of products that packaging is mainly used for—beverages, snack foods and other food products, daily household items. It is important to respond flexibly to these changes, which include trends toward more people eating single portions (elderly people and single-person households), increased sales of ready-to-eat dishes, and greater awareness of food safety and security issues. At DNP, we are also consumers. More than ever before, we collaborate with client companies and consider the consumer’s point of view as we work to improve packaging functionality, to develop added value and to introduce universal design principles for making products easy for all kinds of people to use.

Overseas, one of our main policies is to expand business within Asia. Since 1972, DNP has been supplying packaging products in Indonesia, where we have captured the top market share in many

fields including household items and food products. Building on this success, in May 2013 we built a packaging factory in Vietnam, where the economy is continuing to grow rapidly. We intend to make use of these overseas production bases to supply high-added value products and services to Japanese companies doing business overseas and to other global companies.

Going forward, we will continue to expand our packaging business in Japan and overseas, armed with the comprehensive strength that enable us to handle every aspect of the business including anticipating social changes and changes in the needs of consumers and corporate clients, market analysis and planning, package design and manufacturing, and sales promotion support.



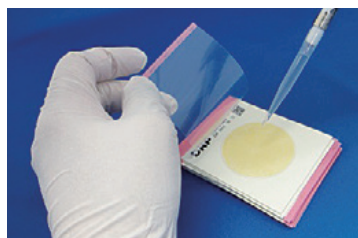
Examples of packages made with biomass plastic

DNP Vietnam Co., Ltd.

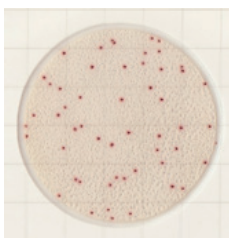


### Development of bacterial detection film culture media and bacteria measuring system

DNP is focusing on applying the printing and information technologies that are its strong suit to the development of new businesses in the medical care and health care fields. As part of these efforts, in the fiscal term ended March 2015 DNP developed easy-to-use “Medi-Ca Culture Film for Bacterial Testing,” which makes microbial colonies very easy to see, and a “Colony Counting System for Medi-Ca Culture Film” that increases the accuracy of detecting colonies cultured using the Medi-ca medium. By using both products together, users (mainly food manufacturers) can perform bacterial testing more quickly and easily than with existing methods.



Medi-Ca Culture Film for Bacterial Testing



Cultured bacterial colonies

### Development of easy-to-use pouch using tactile sensors

As Japan’s population ages, demand has increased more than ever for universal design-based packaging that is easy for all types of consumers to use. DNP has constructed an evaluation system that can quantify a package’s ease of use, and is using it to develop a variety of packages. The system uses “HapLog” tactile sensors\* that track finger movements and measure finger pressure and contact force, together with original DNP software made specifically for analyzing packages.

One of the packages designed with help from the system’s analyses is the “Uneven Laser-cut Pouch.” Due to the use of special laser cutting technology, the first time the pouch is opened, one side ends up being lower than the other, making it easier to open for reuse. Unlike conventional pouches whose two sides are even upon opening, every type of user was able to open the new pouch in a short time. The new pouch is being offered as a package for health foods that are often used by elderly people.

\* HapLog tactile sensors: developed jointly by Shiseido Co., Ltd., Kato Tech Co., Ltd. and Tec Gihan Co., Ltd.



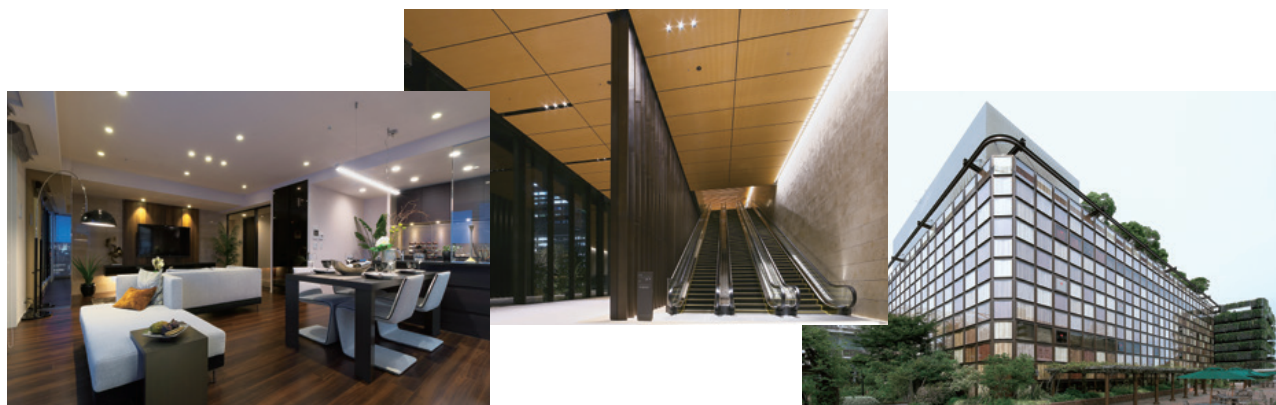
Uneven Laser-cut Pouch before opening (left) and after opening (right)

DNP views homes, offices, medical and nursing care facilities, commercial facilities, automobiles, railroad passenger cars and other places where people spend time as “living spaces.” Lifestyle Materials develops and supplies a variety of products and services for all kinds of corporate clients involved in living spaces. As we work to expand this sector, we keep in mind goals like minimizing strain on the environment, reducing energy consumption, enabling safe, carefree, healthy and comfortable living, and accommodating Japan’s aging population, smart society, and other social trends.

We receive strong praise from corporate clients and consumers for our high-performance, eco-friendly and attractively designed floor and wall coverings and other products made with DNP’s proprietary electron beam (EB)

technology, regarding which we have applied for more than 1,000 patents. Our share of the market for such products has been growing, particularly in Japan. Overseas, we have been expanding our business in response to demand from various regions, starting with North America, by selling decorative steel plates for use in public facilities, business complexes and other large-scale buildings as well as decorative materials for homes and automotive interior materials.

In order to create comfortable living spaces for consumers by increasing both “functional value” (mainly through EB technologies) and “emotional value” (mainly through good design), DNP offers total solutions encompassing everything from materials development to space design, coordination, installation and construction method development.



### Development of decorative metal paneling for railroad car interiors

DNP develops and sells decorative metal paneling made by coating and/or printing a pattern, wood grain or other design directly onto steel plates, stainless steel, aluminum or another type of sheet metal. These products combine the fire resistance and other benefits of metal with authentic-feeling, luxurious textures. They are used increasingly widely in applications including front entrance doors, bathroom wall panels, hotel and office building exteriors, elevator and train car interiors, and exterior panels for household appliances.

DNP entered the market for railroad car interior materials in 2000. DNP decorative aluminum panels are lightweight and easy to work with. Although the surface is very hard, it is processed in such a way that it does not feel cold to the touch. Appreciation for these qualities has led to our paneling being selected for use in special express trains and N700 bullet train cars in Japan. We have been winning more orders for this type of product overseas as well. For example, in 2008 our paneling was adopted for use on the ceilings of passenger cars in England’s high-speed Channel Tunnel Rail Link.

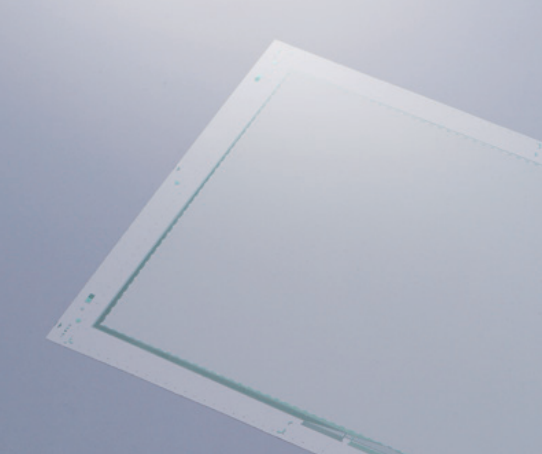
In 2012, we developed “High-reflective, Light-diffusing Ellio” interior paneling which effectively reflects and diffuses light so

that a small amount of light reaches a broad area, thereby reducing energy consumption. This material was used in East Japan Railway Co., Ltd.’s E5 Hayabusa Shinkansen (bullet train) and in the E7 Hokuriku Shinkansen cars that were put into service in spring 2015. We expect it to be used in more high-speed trains worldwide and will actively promote this business in response to growth in the market for railroad car interiors.



Interior of a Hokuriku Shinkansen car with DNP’s decorative steel plate on the ceiling

# Electronics



Top right: Tablet PC  
Above, from left: Touch panel film, Ultra-short focus projector, Testing color filters

## Business Strategies

Modern life has become richer and more convenient due to growing use of devices like digital household appliances, high-definition display products and mobile information terminals including smartphones and tablet PCs. Given the massive amount of information circulating in today's society, demand for easy-to-use information devices that make use of cutting-edge technologies is becoming increasingly diverse, and changes are occurring more rapidly than ever.

DNP's Electronics segment handles display components and electronic devices. The segment develops and combines existing DNP technologies and works to create new core technologies in order to provide products, services, and systems that anticipate changes in the needs of businesses and consumers, primarily for the electronic equipment market. DNP's Electronics segment works especially hard to develop new products and new businesses—including participation in new business fields—by fusing technologies like the world's most advanced fine patterning and ultrafine etching techniques.

We endeavor to develop new products with high added value and exceptional functionality while keeping our eye on next-generation trends in electronic products. As we do so, we actively seek opportunities to collaborate with companies that have specialized strengths, in order to speed up business development. DNP's Electronics segment is working on improving the quality and functionality of its existing lineup of strong products including color filters, antiglare films, films for 3D displays, other optical films, semiconductor photomasks and touch panel components. At the same time, the segment is taking steps to improve its bottom line, for example by using its plants in Japan and overseas production bases to optimize production locations from a global standpoint, by thoroughly cutting costs, and by boosting investment efficiency.

## Main Policies

### Display Components

#### Liquid crystal display (LCD) color filters

Assess changes in the market environment and develop new, competitive products

##### Focus on small- and medium-size liquid crystal color filters, and on higher-definition products

- Focus color filter production on the still-growing markets for small- and medium-size displays used in smartphones, tablet PCs and similar devices.
- Promote cost structure reforms such as equipment optimization and rethinking of production and development systems.
- Focus on developing high-definition, high-quality products needed for small- and medium-size devices in order to stabilize business.

##### Promote new product development by using our strongest technologies and/or by collaborating with partners

- Develop new products related to touch panels, organic EL and LED displays, etc. by making effective use of DNP's strongest technologies and existing equipment, and by strengthening cooperation with business partners.

#### Optical films

Develop new products by thoroughly grasping customer needs

##### Propose new products that address consumers' diverse requirements for displays

- Anticipate demand trends such as higher resolution, wider color gamut, larger size, lighter weight, greater energy efficiency and higher performance while also meeting demand for products on the other end of the spectrum.
- Expand new product lineup by blending core technologies through cooperation with the color filter and/or electronic devices businesses.

##### Further increase DNP's share of the market for LCD surface materials

- Further develop core technologies in order to raise quality and productivity and provide the market with more competitive products.

### Electronic Devices

#### Respond on a global scale and generate new business models

##### Meet global demand for semiconductor photomasks and develop cutting-edge technologies

- Keep a solid grip on one of the world's top market shares, particularly for the most advanced products (with line widths of 28nm\*<sup>1</sup> or less).
- Respond to demand for miniaturization by developing cutting-edge products with line widths of 15-16nm, and prepare frameworks for supplying them.
- Focus on commercializing next-generation microfabrication technologies such as nanoimprinting\*<sup>2</sup> and extreme ultraviolet (EUV) exposure\*<sup>3</sup>.
- Make use of overseas production bases to actively take up global demand.
- Make use of DNP's world-class technological prowess to contribute to fields beyond semiconductors, such as areas related to IoT, big data, life sciences, etc.

##### Boost earning power by developing new products

- Develop products that make use of microfabrication technologies, including components for hard disk drives, LED modules, printed wiring boards with embedded components, and MEMS (Micro Electro Mechanical Systems)\*<sup>4</sup> products.
- Reinforce new product development by cooperating with other units, for example in the development of image processing modules.

\*1 nm (nanometer): one billionth of a meter

\*2 Nanoimprinting: a semiconductor manufacturing technique that entails physically transferring a pattern to a resin-coated silicon wafer by pressing a template bearing a minute pattern against the wafer

\*3 Extreme ultra-violet (EUV) exposure: a technique for using ultraviolet rays with extremely short wavelengths to burn minute circuit patterns onto wafers

\*4 MEMS (micro electro mechanical system): a group of minute components made with semiconductor microfabrication technologies

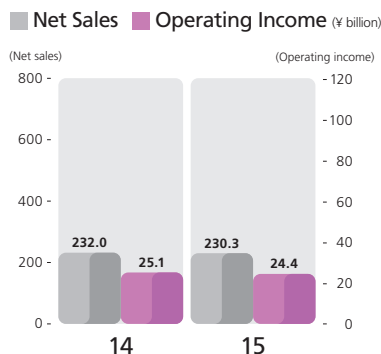


# Financial Results

## Financial Highlights

(¥ billion, %)

	2014.3	2015.3
Net sales	¥ 232.0	¥ 230.3
Operating income	25.1	24.4
Operating income margin	10.8%	10.6%



### Net sales

Although demand was solid for liquid crystal color filters used in televisions, demand for filters used in laptop and tablet PCs slackened. Demand for touch panel sensors and other display-related product was also weak. Overall, color filter sales declined relative to the previous year. Sales of optical films grew from a year earlier thanks to growth in anti-reflection films applied to liquid crystal displays (LCDs). After reviewing our semiconductor photomask business, we deconsolidated our Taiwan operating base. Due to these and other factors, photomask sales declined relative to a year earlier. Overall, Electronics sales declined by 0.7%, or 1.69 billion yen, compared to the previous year.

### Operating income

Depreciation and amortization expenses declined year on year by 5.35 billion yen, mainly due to decreased major capital spending and the sale of surplus equipment. However, smaller net sales and lower unit prices resulting from increased competition caused operating income to decline by 2.7%, or 0.7 billion yen from a year earlier. The segment's operating income margin decreased by 0.2 percentage point, from 10.8% a year earlier to 10.6%.

★ In April 2014, DNP's optical film business was transferred from Lifestyle and Industrial Supplies to the Electronics segment. Figures for the term ended March 2014 in the chart above have been adjusted to reflect the new configuration of the Electronics segment.

## Fiscal Term through March 2015: Business Environment and Summary of Financial Results

### Display Components

#### (LC color filters, optical films, etc.)

According to one research company's figures, worldwide shipments of flat-panel televisions in calendar 2014 increased by 3% over the previous year to about 230 million units, with the Chinese market supplying about one quarter of the total. Shipments increased particularly among high-added value products, such as ultra HD (high definition) TVs that offer four times the resolution of full HD models. Smartphone shipments amounted to some 1.29 billion units, exceeding the previous year by 26%. This was the slowest growth rate for smartphones in the past five years. Shipments of tablet PCs grew by just 4.4% to about 230 million units, reflecting a considerable slowdown in the growth rate compared to around 50% growth in calendar 2013. In the PC market, replacement demand sparked by Microsoft Corporation's termination of support for Windows XP has run its course, resulting in sluggish demand.

In this market, the increasing popularity of ultra HD televisions has boosted demand for large-scale LC color filter panels, leading to solid production of DNP's color filters for televisions, mainly on our 8th-generation production lines. However, demand for small- and medium-sized products decreased from a year earlier. In optical films, sales of films for 3D and touch panel displays declined year on year, but sales of anti-reflection films for televisions and smartphones grew, as did projection screen components and other products.

Going forward, we expect an increase in worldwide shipment volumes of high-performance smartphones that offer HD or higher image resolution. Some analysts expect that in 2018 these high-end products will account for some 1.5 billion units, or more than 80% of the smartphone market. Also in 2018, sales of the ultra HD smartphones that will debut on the market in 2015 are expected to top 100 million units. In China, the world's largest LCD market, 2018 shipments of flat-panel televisions are expected to reach some 60 million units, or about 14% more than the 2014 figure.

In response to these projections, DNP has decided to transfer some of the color filter production equipment at its Mihara Plant in Hiroshima Prefecture to a Chinese LCD glass manufacturer by the end of March 2016. By continuing to provide technical and other support, we will continue to benefit from the business opportunities presented by growth in the Chinese LC market. We will also focus on developing new color filters that can support high-brightness, energy-efficient LC displays. In addition, we will work to expand our business by developing touch panel films that accommodate the trend towards larger displays, and by continuing to supply components for high-end smartphones that deliver very sharp images.

## Electronic Devices

In calendar 2014, the world market for semiconductors grew 9.9% year on year, the largest annual growth since 2011. In 2015 and 2016, semiconductor demand is expected to grow by around 3% annually. Future growth is expected to take place mainly in the U.S. and Asia, in a wide variety of fields including digital household appliances and automobiles.

Thanks to this growth in demand, DNP's Electronic Devices business enjoyed greater sales of photomasks used for making flash memories in Japan and logic products in China and Taiwan. Nevertheless, the business's sales fell below the previous-year level because DNP deconsolidated\* its production base in Taiwan, DNP Photomask Technology Taiwan Co., Ltd.

The semiconductor market of the future is expected to be affected by increased demand for all types of devices related to spreading use of the Internet of Things linking all kinds of everyday objects to a network. DNP is working to expand its cutting-edge products business in Japan and abroad. In addition to continuing to supply photomasks for flash memories and other products, we will also focus on joint development with other companies. Regarding the use of nanoimprinting technologies in ultrafine processing, we intend to provide nanoimprinting solutions that comprehensively support application development, product planning, die and prototype production, and mass production, etc. We are also developing new products outside of the semiconductor arena, such as medical materials in the life science field.

DNP is working on improving the profitability of products that take advantage of our etching expertise by shifting our emphasis to higher-added value products. We enjoyed solid sales in our lead frames business, where orders increased not only for products used in wireless LAN devices and hard disk drives, but also for metal plates used by Taiwanese manufacturers making IC packages used in power supplies. Demand for lead frames is expected to keep growing along with increasing use of smartphones and tablet PCs. We aim to increase our share of metal substrates for IC packages used in power semiconductors. Demand for metal substrates used in LED lighting for the Taiwanese and Chinese markets is also growing. Going forward, we aim to increase sales of high-added value products with reflectors attached. DNP enjoyed increased sales to China of autofocus springs used in compact camera modules built into smartphones and other mobile devices. Sales of hard disk drive components for personal computers were slack, but sales of components used in servers increased thanks to expanded demand for cloud services. Demand declined for substrates with embedded components used in cameras, a mainstay of our electronic modules business, but we are also focusing on telecom-related modules for the future, as well as developing modules that can be used in wearable devices.

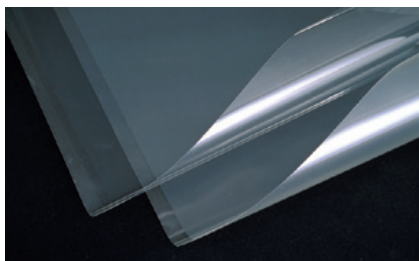
\* In April 2014, DNP subsidiary DNP Photomask Technology Taiwan Co., Ltd. merged with Photonics Semiconductor Mask Corp., which specializes in photomask production technologies, to form Photonics DNP Mask Corporation. The new company became an equity-method affiliate of DNP, with DNP owning 49.99% of its common shares.



## Presentation of Growth Businesses and Strategic Businesses

### Innovations born of DNP's core technologies

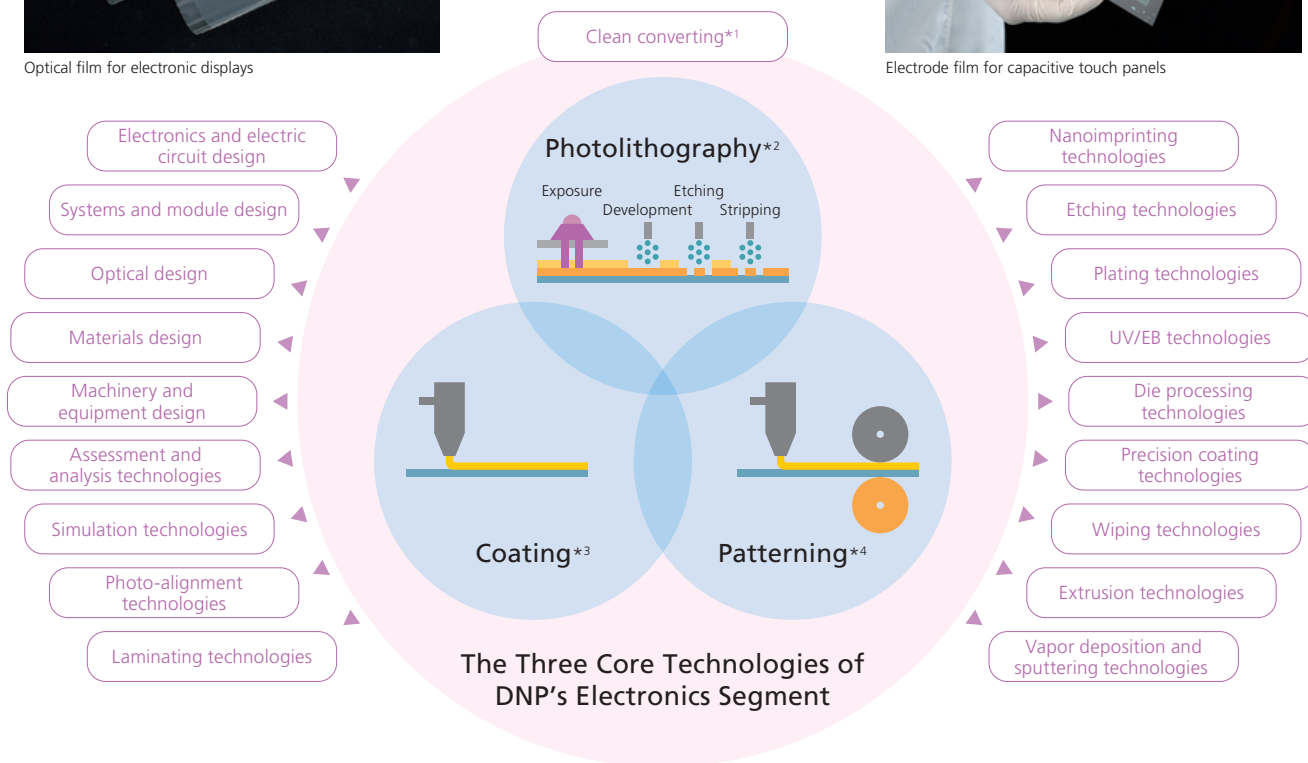
For more than half a century, DNP has been developing a wide variety of electronic components by applying the photographic film-making skills that we cultivated through our printing business, and by refining technologies for applying uniform coatings as well as the photolithography and etching technologies that enable us to make extremely fine patterns. The various products and systems that DNP supplies improve the functionality and operability of electronic devices.



Optical film for electronic displays



Electrode film for capacitive touch panels



\*1 Clean converting: A combination of optical technologies and other technologies, such as technologies used for applying precision thin-film coatings or for molding. Based on our strength in this area, DNP has developed a wide range of optical films including anti-glare films and other films used in liquid crystal displays (LCDs). Going forward, we intend to actively respond to display market trends such as higher definition, increasing multi-functionality and greater energy efficiency, and to provide a wide variety of products that only DNP can provide by virtue of our solid grasp of the properties of light.

\*2 Photolithography: A process by which images on a form plate are burned onto a resin or metal plate that has been coated with photosensitive material.

\*3 Coating: Applying and fixing ink or another material, from a printing plate to which it has first been applied, onto paper, film or another material.

\*4 Patterning: Originally used for making films for printing, these technologies are used to make images such as text, photographs, or illustrations on a form plate. Minute images that have been drawn on the form plate using patterning technologies are then burned onto a resin or metal printing plate.



A photomask used for manufacturing semiconductors



A lead frame

### Advanced optical films make possible the rich expression of information

In 1990, DNP used the coating technologies that it had cultivated through its printing operations to start developing low reflection films that suppress glare on display surfaces and improve contrast, allowing the display to deliver vivid images. DNP went on to capture the top share of the world market for anti-reflection films.

Previously, developers of these types of films found that when they increased the anti-reflective properties, the film's hardness decreased and it became more susceptible to scratching and soiling. DNP approached its product development from a fresh angle and in 2014 succeeded in developing ultra-low reflection film that is both highly soil-resistant and significantly reduces glare from indoor light, making it possible to produce a display that exhibits images with vivid contrast.

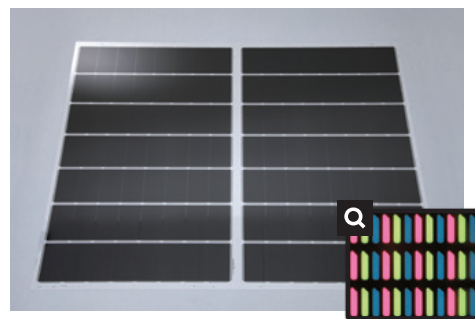
Antireflective film is manufactured by adjusting the thickness and refractive index of layers of low reflective material applied to a base film so that light reflected from the surface of the film and light reflected from the film's intermediate layers will interfere with each other and cancel each other out. Thanks to DNP's know-how and technical prowess, we were able to fulfill two competing needs, i.e. to achieve desirable degrees of both reflectance, which is the key to clearly visible images, and of hardness, which protects against scratches. Regarding ultra-low reflection film, we are verifying its durability under a wide range of conditions including high temperatures and high humidity, with an eye toward marketing them not only in Japan but for use in televisions distributed worldwide. We aim to further improve low reflection functionality and increase our share of the market. DNP will always remain one step ahead of the times as we explore new issues and provide high-added value optical film products to markets around the world.

### Making energy-efficient, high brightness LCDs a reality

DNP has developed a high-luminance blue resist that enables display of brighter colors and has begun offering them in its LCD color filters. In recent years, increasing use of color management to match colors displayed across different media platforms, such as televisions, smartphones, digital signage and paper pamphlets, has led to the use of brighter colors. As a result, we see increasing demand for a solution that will enable color reproduction over a broader gamut of colors. In order to improve brightness in LC color filters, DNP developed a dye-based color resist that has greater heat resistance than conventional pigment-based products, and improved the transparency of the blue resist, which has less brightness than other color resists. By pairing the color filter with the right backlight, it becomes possible not only to widen the color reproduction gamut, but also to conserve electricity by reducing the number of LEDs used in the product.

DNP plans to provide these LC color filters and resists to panel manufacturers, aiming to capture 30% of the market for high

resolution LCDs in 2016. DNP will continue research and development aimed at commercializing not only the processing technologies involved but also the materials technologies. In addition, we will work to develop color filters that are optimized for combination with optical films that can further expand the color gamut, and offer these as a new solution for high-definition (HD) smartphones and ultra HD (4K and 8K) televisions. In anticipation of wider use of 8K televisions, we are also developing red and green dye-based color resists in addition to blue, in order to contribute to even further improvements in display brightness and color reproduction.



Color filter (magnified view at lower right)

### 100-inch image display system for use with ultra-short focus projectors

DNP has begun sales of its "JETBLACK®-STS" display system for ultra-short focus projectors, which makes it possible to hold teleconferences that so closely imitate face-to-face meetings that participants can read the expressions on each other's faces. Because the system's screen eliminates superfluous exterior light and reflects to viewers only light from the projector, images on the screen are clearly visible even in a well-lit room, unlike previous projector screens. Despite the system's large size, it consumes little electricity. Compared to a similarly sized liquid crystal display, it is lighter, thinner, easier to handle, and offers outstanding cost performance. DNP will continue to enrich people's lives by combining the new display system with our strengths in data processing and content production. Beginning with digital signage, other applications that we will explore include remote medical care and educational services for children.



Teleconference using an ultra-short focus projector