

# Patent applications in electronic components industry

電子部品産業における特許出願の現状と今後

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MURATA MFG. CO., LTD.



# Company Profile of Murata Mfg. Co., Ltd

<b>Date of Establishment</b>	<b>October 1944</b>
<b>Date of Incorporation</b>	<b>December 23, 1950</b>
<b>Sales Amount</b>	<b>523,946 million Yen</b>
<b>Number of Subsidiaries</b>	<b>75</b> 25 in Japan 50 overseas
<b>Number of Employees</b>	<b>33,431</b> 22,019 in Japan 11,412 overseas

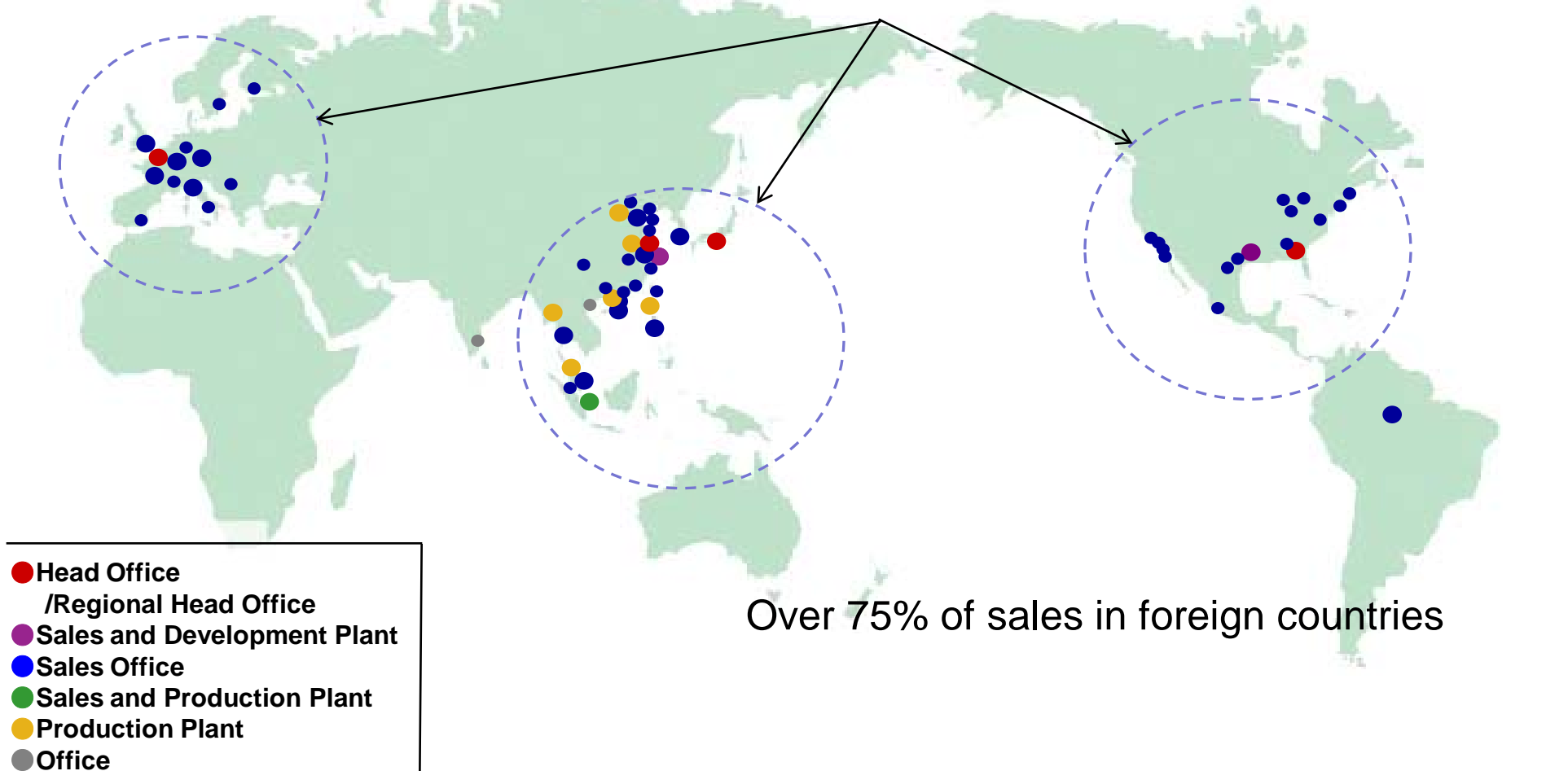
※Sales amount, Operating Income...as of March 31, 2009

※Number of subsidiaries, Employees...as of March 31, 2009



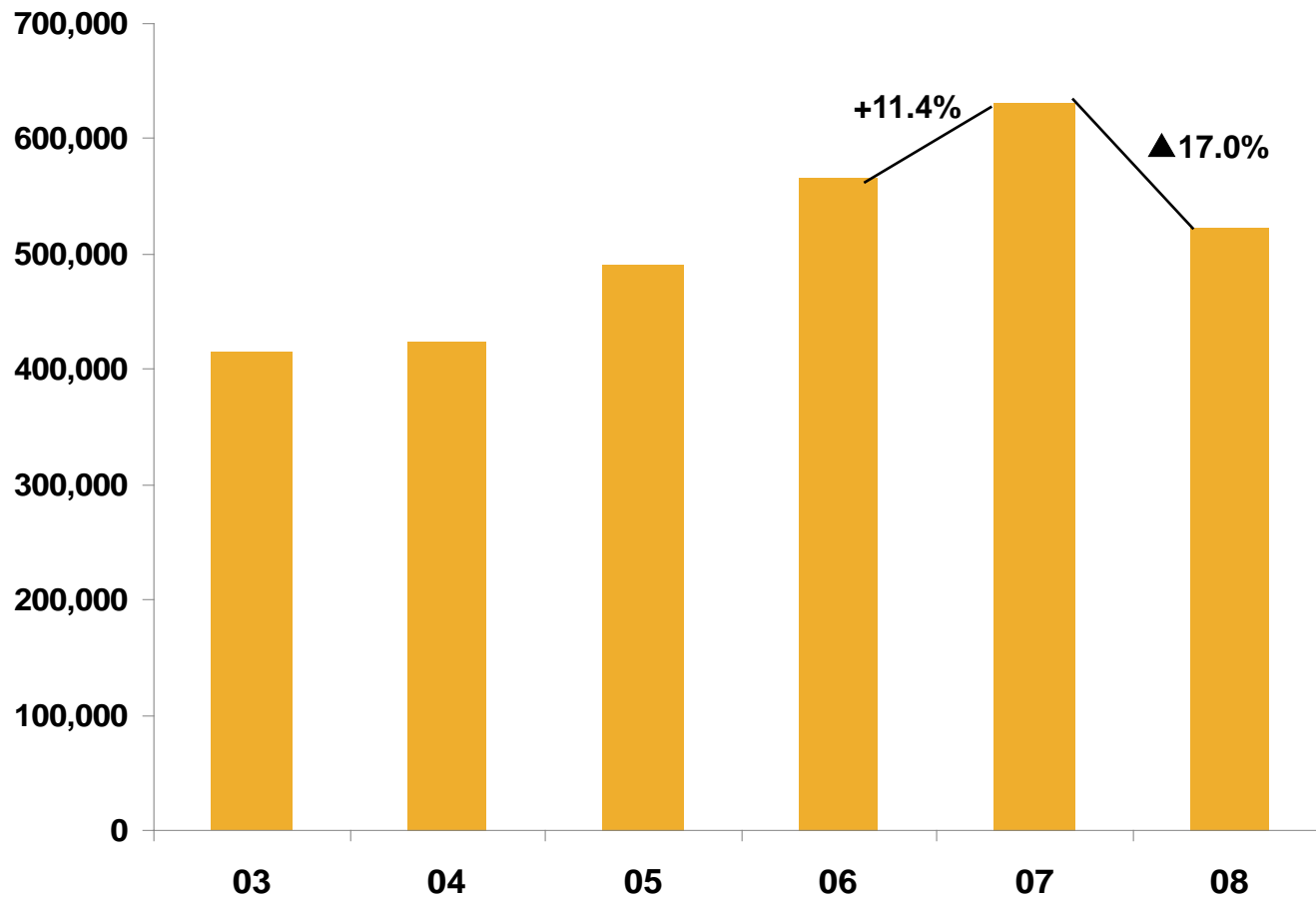
# Global Network

Major Business Area ⇨ Important Area for Patent Applications



# Net Sales

Millions of Yen



Sales amount in 2008 decreased drastically for bad economic conditions. However, patent applications should not decrease for future business.

■ Net Sales  
— Growth Ratio

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#### Fiscal Year 2007

- Net sales 631,655 million yen
- Growth Ratio 11.4%

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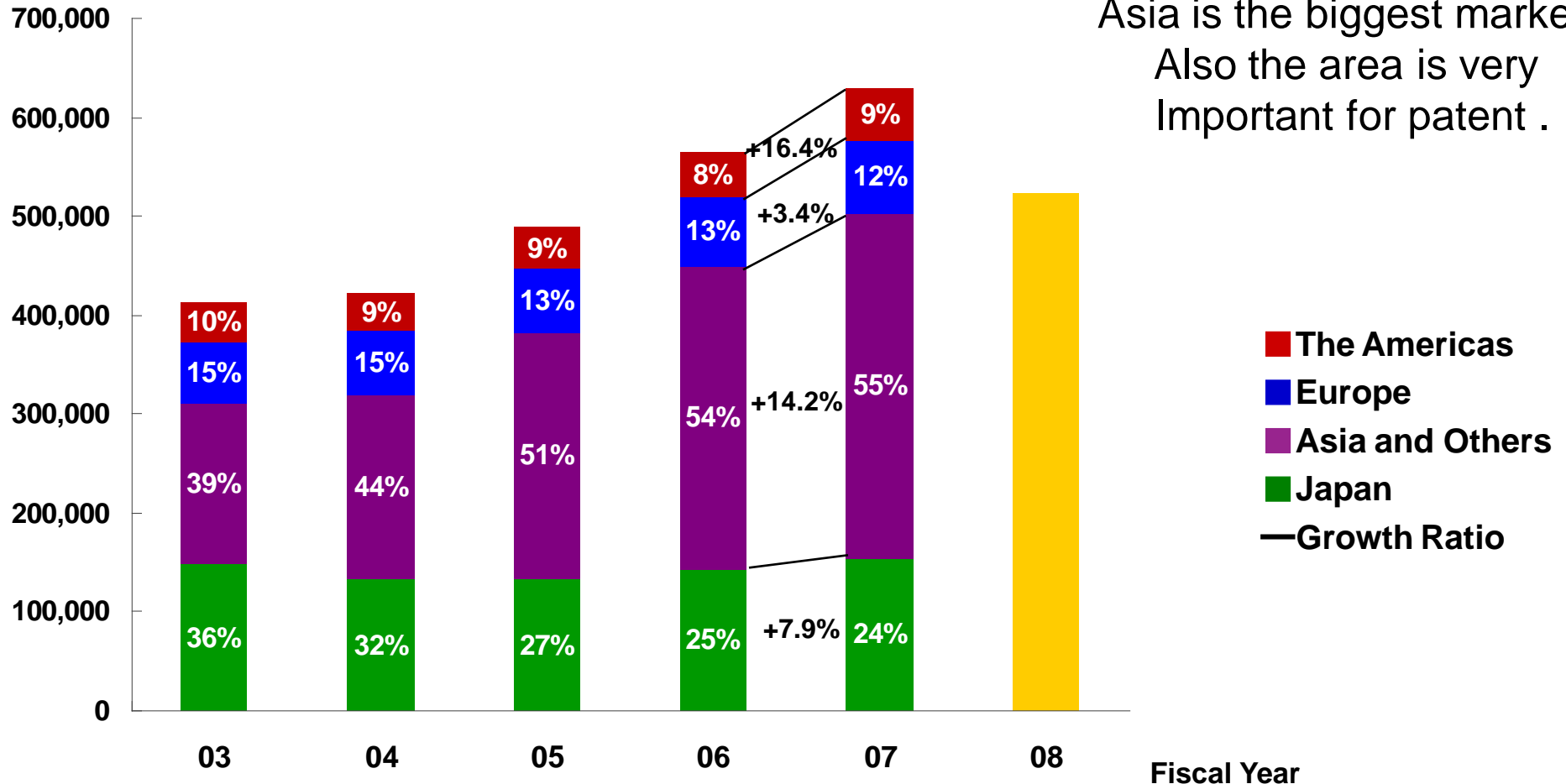
#### Fiscal Year 2008

- Net sales 523,900 million yen
- Growth Ratio ▲17.0%

Fiscal Year

# Sales by Area

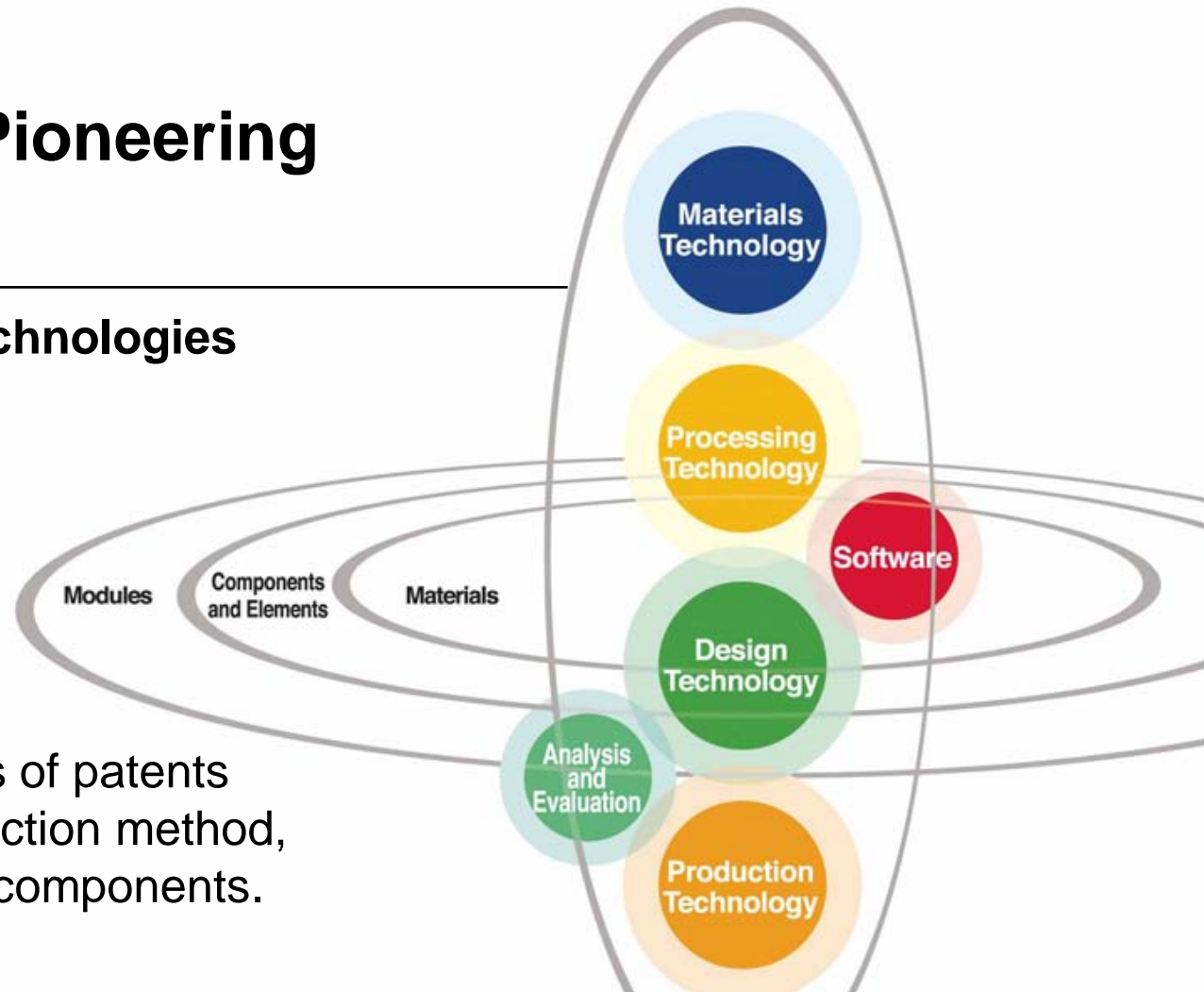
Millions of Yen



## R&D System for Pioneering New Possibilities

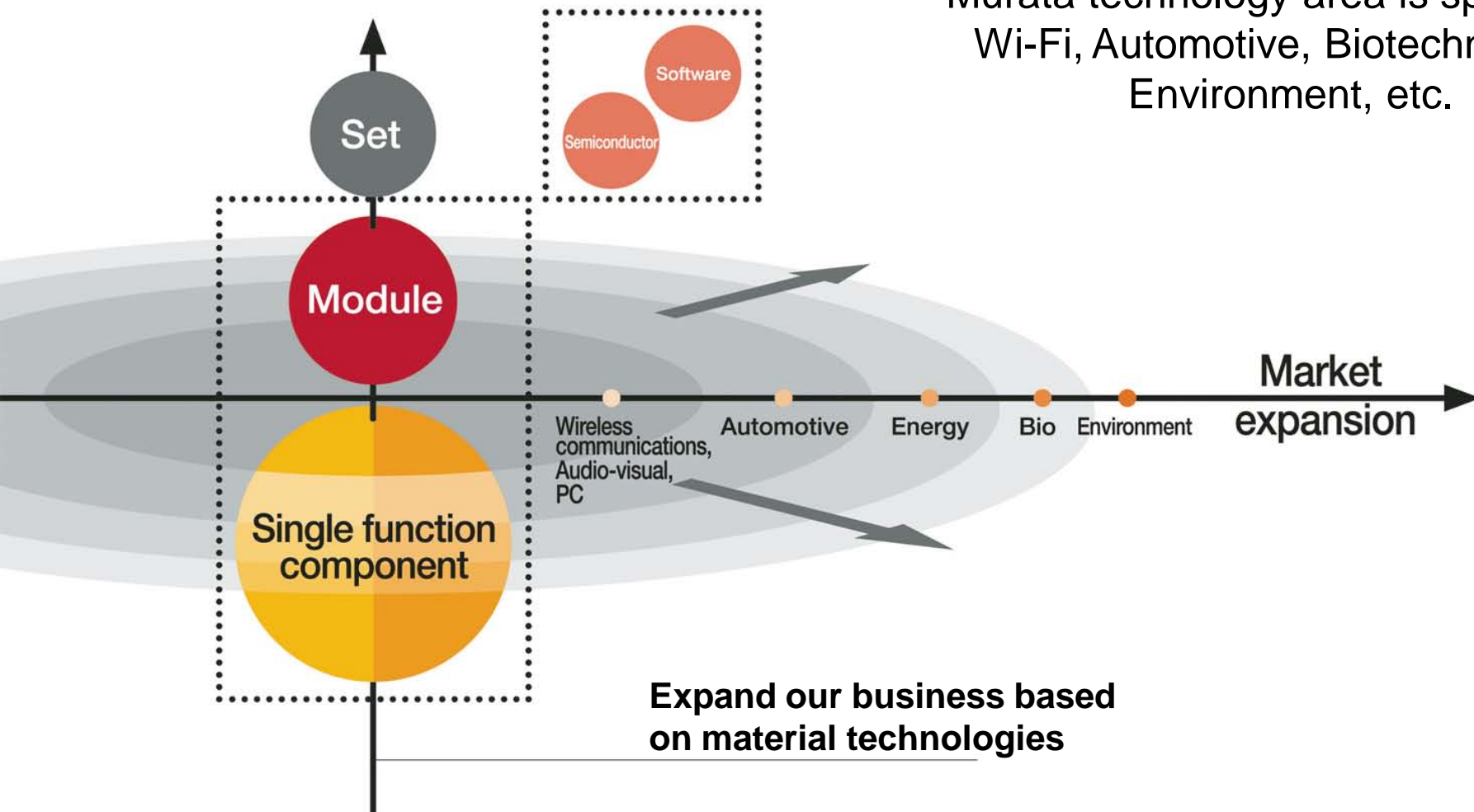
### Vertical Integration of Technologies

Murata mainly filed kinds of patents for materials, design, production method, processing for electronic components.



# The Business Domain

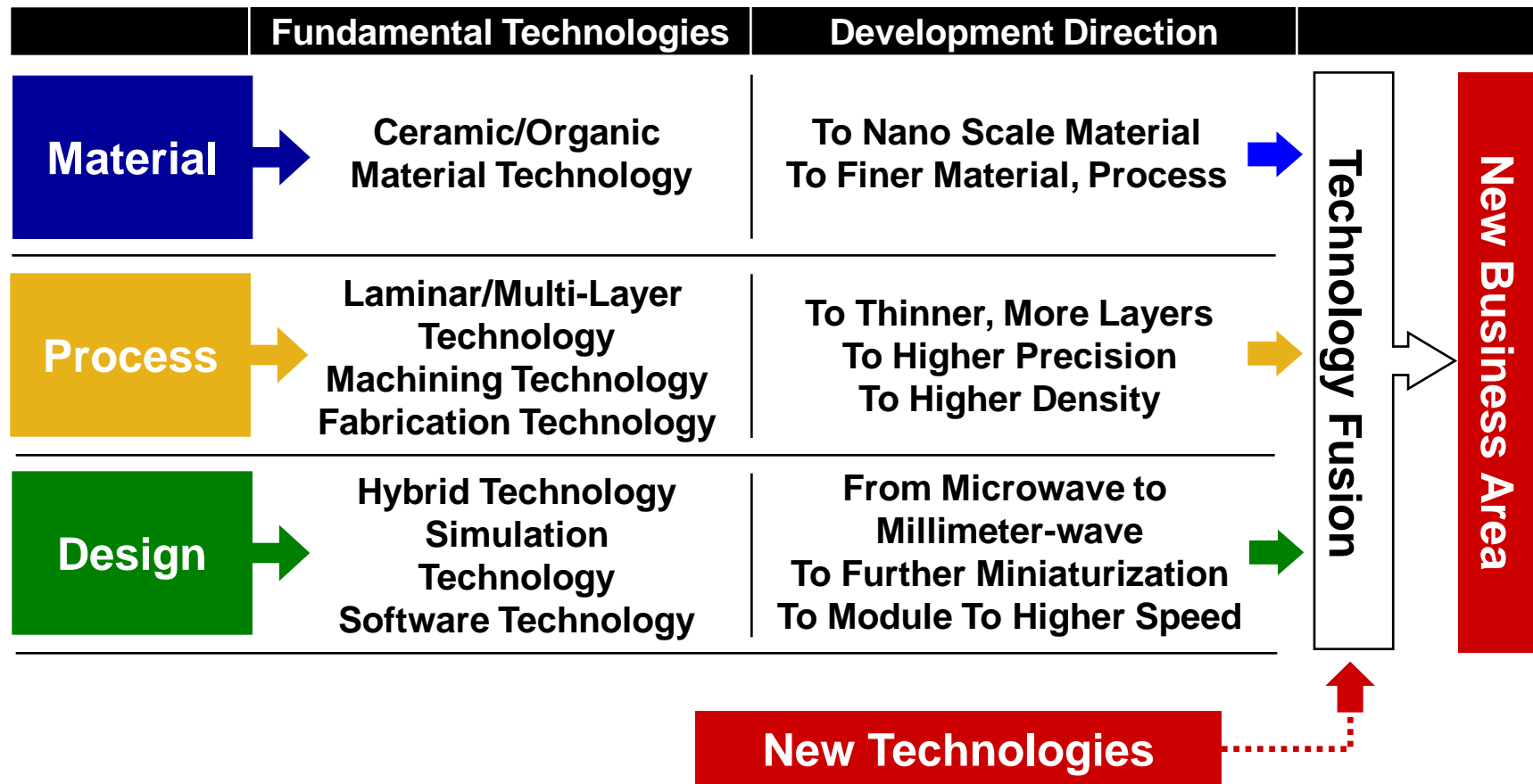
Multiple and advanced function



Murata technology area is spreading.  
Wi-Fi, Automotive, Biotechnology,  
Environment, etc.

# Fundamental Technologies & Their Trends

## Targeted Development in Nanometer Domain and Terahertz Region





# Summary

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It is very important to file patents in various countries because of global business. However, patent law and patent system is different from each country. The cost of patent application and maintenance becomes huge.

If global patent prosecution highway is succeeded, it will be very convenient and profitable for inventors.

**Thank you for your attention**

