

# Chapter I Value Creation Story of MinebeaMitsumi



## Further strengthening business through synergies derived from the INTEGRATION of Minebea business × MITSUMI business



We will combine and utilize eight core technologies refined by MinebeaMitsumi, such as ultra-precision machining technology and large-scale production technology, to evolve each of the Seven Spear products and create new business opportunities through the INTEGRATION and recombination of the evolved products.

For example, by modularizing added value, such as sensors and wireless technologies with miniature and small-sized ball bearings, for which we have the largest global market share, we will provide unique products and services that have no equivalent anywhere in the world to play a part in the IoT society, where things are connected.

**Evolution through the INTEGRATION and recombination**  
**Advanced product groups that will be vital to society**

We generate synergies through an INTEGRATION, combining two of our Seven Spear products with our eight core technologies.

|                                  | Bearings | Motors | Sensors | Connectors/switches | Power supply components | Wireless/communications/software | Analog semiconductors |
|----------------------------------|----------|--------|---------|---------------------|-------------------------|----------------------------------|-----------------------|
| Bearings                         | →        | ○      | ○       | ○                   | ○                       | ○                                | ○                     |
| Motors                           | ○        | →      | ○       | ○                   | ○                       | ○                                | ○                     |
| Sensors                          | ○        | ○      | →       | ○                   | ○                       | ○                                | ○                     |
| Connectors/switches              | ○        | ○      | ○       | →                   | ○                       | ○                                | ○                     |
| Power supply components          | ○        | ○      | ○       | ○                   | →                       | ○                                | ○                     |
| Wireless/communications/software | ○        | ○      | ○       | ○                   | ○                       | →                                | ○                     |
| Analog semiconductors            | ○        | ○      | ○       | ○                   | ○                       | ○                                | →                     |



### Example of generating synergies through the INTEGRATION

- Small-sized precision motors using ultra-high-efficiency ball bearings, controlling ICs, and sensors
- Bearing-sensor combination that can detect replacement periods
- High sensitivity strain gauge film MINEGE™ and ADC (analog-to-digital converter) for precision robotics
- Automobile electronics and mobile devices using connectors/switches and power supply components