

# Significant reduction the cost of design & tuning by AI

Parameter automatic tuning using AI (optimization technology)

**Spend a lot of time on tunings?  
Shortage of personnel for tunings?**

## Consuming time for design param tuning

### ➤ Shortening lead time for design

- Automatically presentation of optimal design parameters to achieve the designer's desired specifications by AI.
- Quickly tuning parameters for multiple indicators with trade-offs.

## Consuming time for equipment param tuning

### ➤ Shortening startup time for equipment

- Finding parameters that achieve the same or better performance as a skilled worker in a short time by AI.

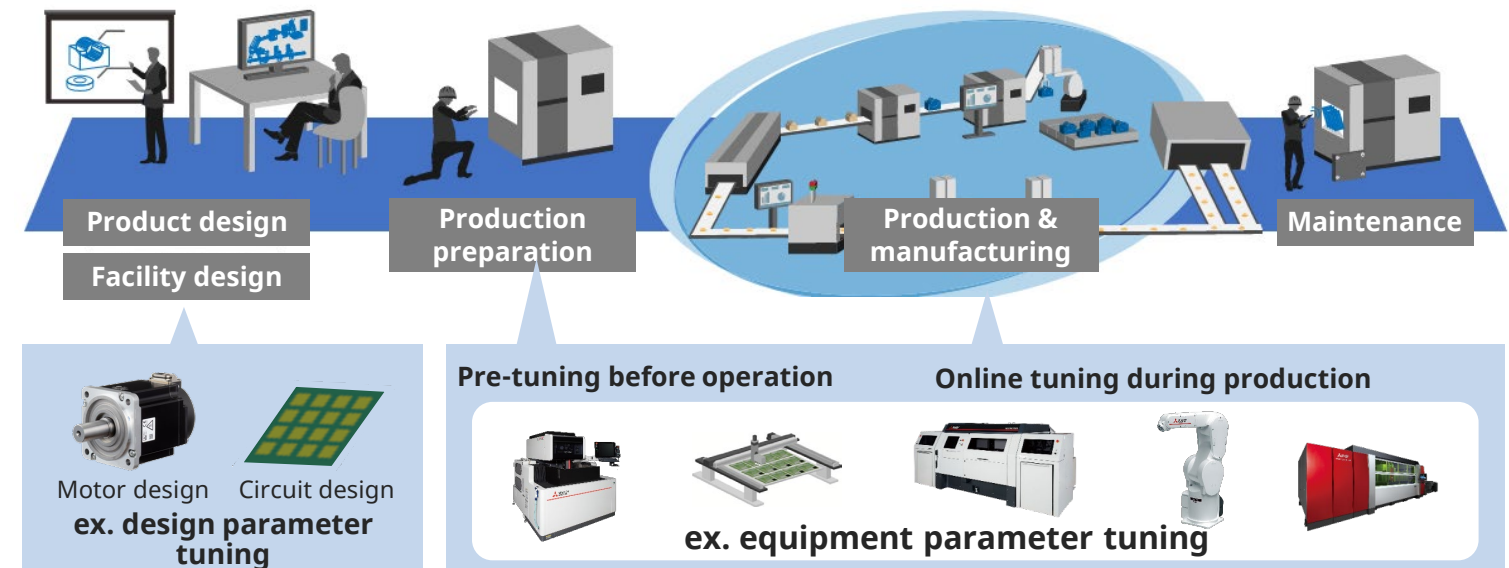
## Shortage of skilled worker

### ➤ Labor saving for automatic tuning

- Easy tuning for everyone using AI such as Bayesian optimization, evolutionary computation and etc.
- Further performance improvement by datalization of the skilled worker's expertise.

## Parameter tuning work in the production

### Engineering chain



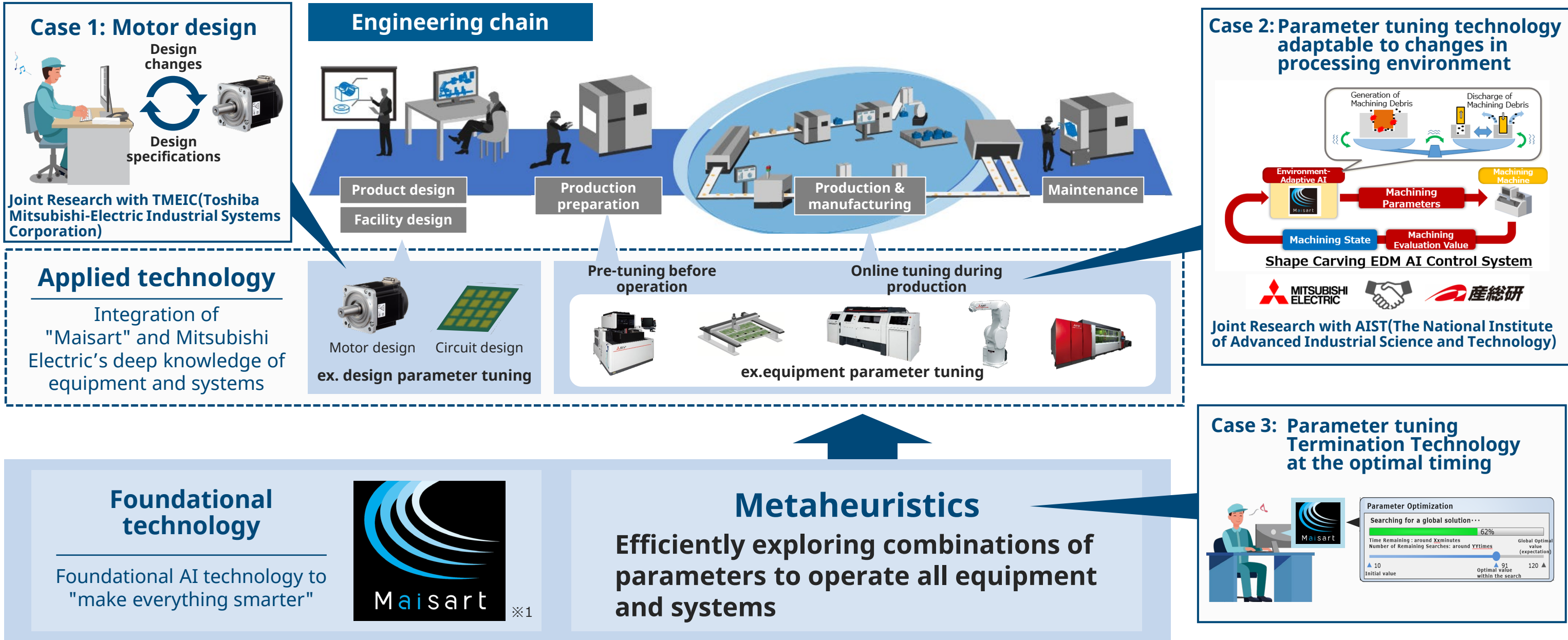
### AI automatic parameter tuning



\*1: Mitsubishi Electric's AI creates the State-of-the-ART in technology. Our AI technology brand aims to make all equipment smarter.

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