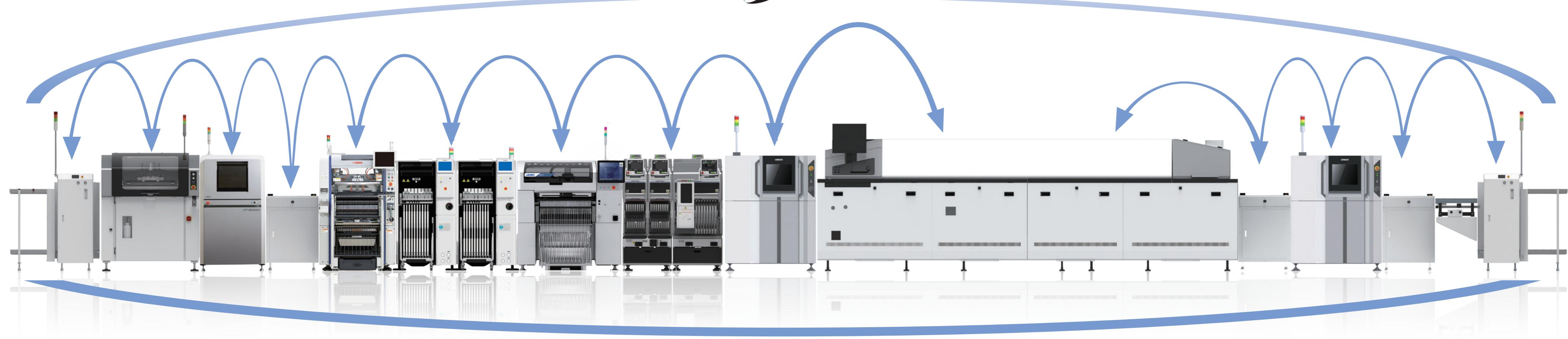


# SEMI SMT-ELS

New generation M2M communication standards for smart factories replacing SMEMA

**Global equipment manufacturers united across the company brand barrier!**



Automatic Production Changeover / Simultaneous Transfer of Circuit Board and Board Data

## Benefit of SEMI SMT-ELS

SEMI SMT-ELS provides higher level of connectivity and control capabilities of SMT assembly line.

### Host-equipment communication

- M2M network setting
- Production route setting

### Inter-equipment communication

- Immediate product change
- Board data usage mode setting

### Simultaneous transfer of circuit board and board data

- On demand product change
- Board handoff exception handlings (Pause-Recovery)

**SEMI SMT-ELS is highly extendable in its structure for the future requirements.**

### Supporting Company

**JUKI**

**Panasonic CONNECT**

**YAMAHA**

**FUJI**  
innovative spirit

**OMRON**

**CKD**

**小松電工株式会社**

**YOKOGAWA**

**cimetrix**  
by PDF/SOLUTIONS

**SIEMENS**

**nagaoka**

**TRI**  
innovation

**YS** co.,ltd.

**TENRYUSEIKI CO.,LTD.**

**SMIC**  
SENJU METAL INDUSTRY CO.,LTD.

**MUSASHI**  
ENGINEERING,INC.

**MIRTEC**

**Rexxam**

**ASYS** GROUP

Transforming Ideas  
Automate, Digitalize & Connect

**PARMI**

**TAMURA**

**mek**  
marantz electronics, ltd

**SAKI**

KOH YOUNG TECHNOLOGY  
INTELLIGENT INSPECTION

**Nagoya**  
NAGOYA ELECTRIC WORKS CO., LTD.

**KEYENCE**

**TAKAYA**

**Sigma System**

### Supporting Organization

**Japan Robot Association**