

# MindSphere World

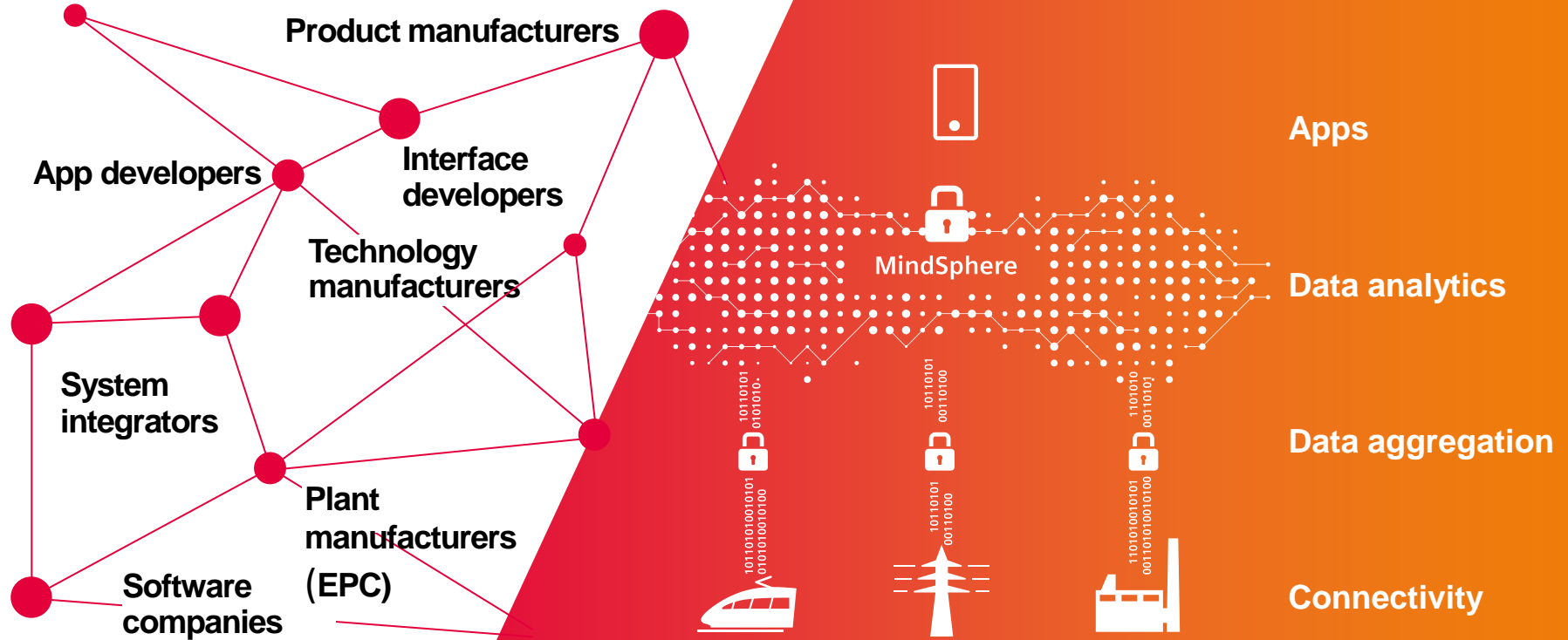
**MindSphere World** fosters the international profile of the ecosystem based on MindSphere and promotes its global reach.

# MindSphere World

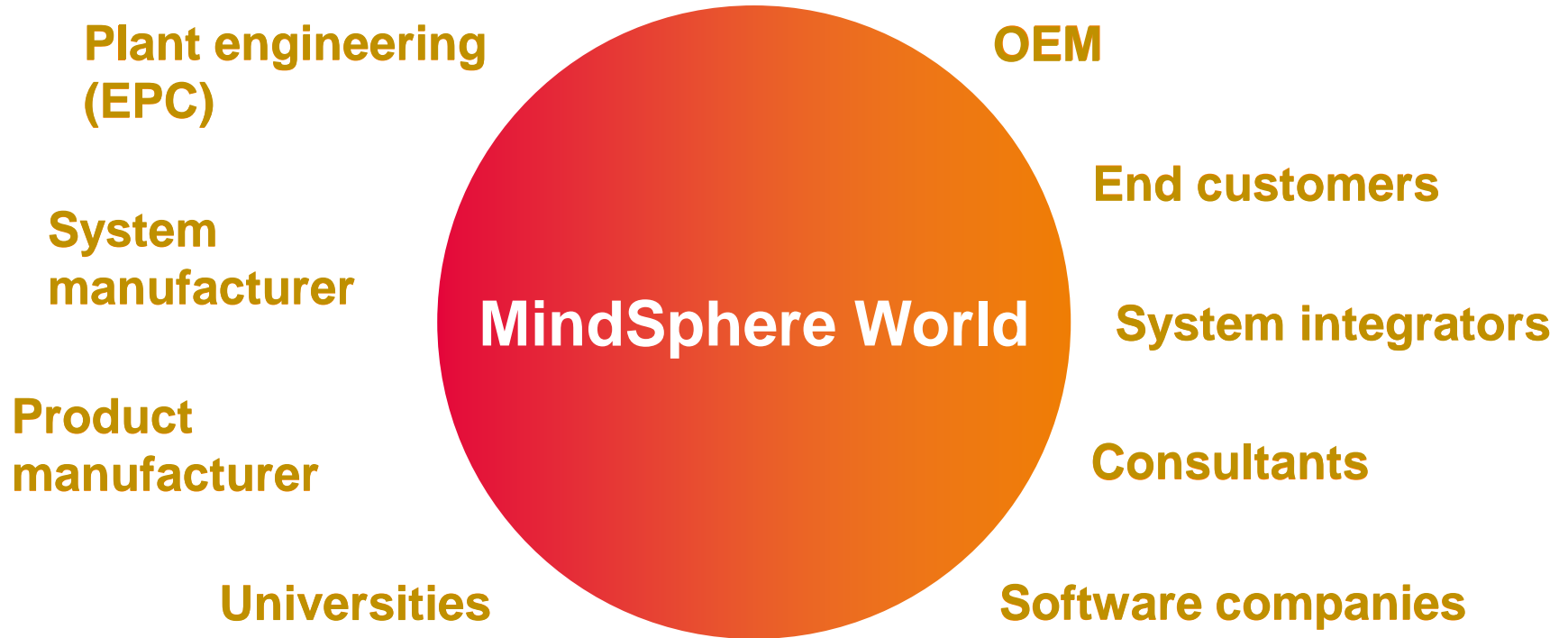
## Association objectives

- 1 Building and further developing an IoT ecosystem – based on MindSphere
- 2 Recommendations on technical requirements for the MindSphere operating system for the benefit of users
- 3 Supporting members in developing and improving technical solutions on MindSphere and in tapping new markets in the digital economy
- 4 Contact with public and private institutions for shaping public opinion and making decisions
- 5 Promoting science and teaching (e.g. in collaboration with universities and promising new talents)
- 6 Joint marketing measures and PR work for the association and its interests

# An open ecosystem – open to everyone



# MindSphere World addresses a large user group



# Strong companies right from the start – The founding members of MindSphere World

**FESTO**

**EISENMANN**

**TRUMPF**



**KUKA**

**HELLER**



**SICK**  
Sensor Intelligence.



**BAADER**  
Food Processing Machinery

CHIRON Group



**GROB**

**HEITEC**  
engineering solutions

**INDEX**  
**TRAUB**

**KAMPF**



**SIEMENS**  
*Ingenuity for life*

# MindSphere World – Association structures and stakeholders

## Managing Board



Dr. Jan Mrosik  
Chairman  
Siemens AG



Bruno Geiger  
Board Member  
Eisenmann SE



Andreas Oroszi  
Board Member  
Festo AG & Co. KG

## Advisory Board



Bernd Zapf  
Gebr. Heller  
Maschinenfabrik  
GmbH



Dr. Michael Haag  
Kuka AG



Markus Frank  
Grob-Werke  
GmbH & Co. KG



Dr. Mario Kordt  
Michael Weinig AG



Andreas Keiger  
Rittal GmbH & Co. KG



Bernhard Müller  
SICK AG



Thomas Schneider  
Trumpf Werkzeug-  
maschinen GmbH + Co. KG

# Added value in practice – MindSphere in use

## Festo AG & Co. KG Condition monitoring services on MindSphere



- Real-time data right from the plant
- **Consumption transparency**
- Starting point for **predictive maintenance tasks**
- **Energy forecasts and savings of up to 30%** compared to existing plants of similar functionality
- Turnkey solution **without configuration work**

## Rittal GmbH & Co. KG MindSphere – smart maintenance



- **Increased** machine availability
- **Demand-driven** (and not internally driven) maintenance
- **Up to 30% savings** (service / maintenance)

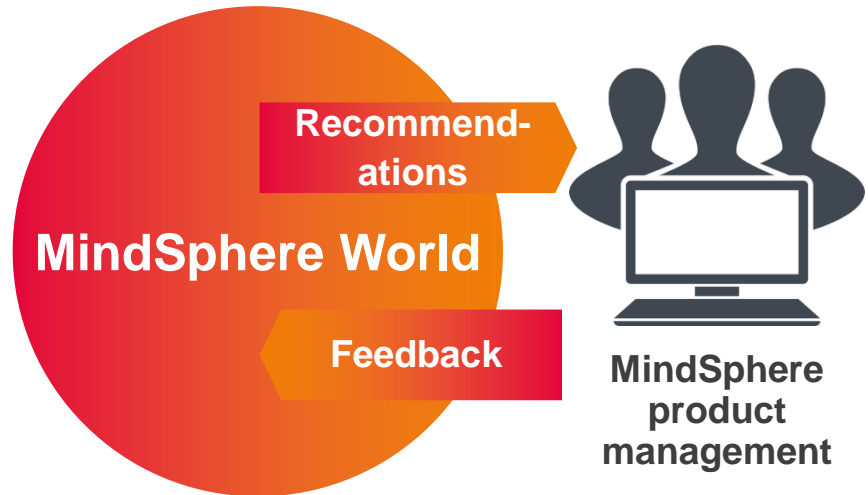


# MindSphere World – sample activities

## Developing recommendations

### Requirements for future MindSphere versions

- 1 Forwarding of recommendations to MindSphere product management and MindSphere development
- 2 Timely and binding feedback from MindSphere product management to MindSphere World



# Outlook and next steps

## 1 Globalization

- Italy
- Japan
- Korea
- USA

## 2 Committees convened by the Advisory Board

- Business processes
- Technology
- Marketing

## 3 Expanding activities to additional user groups, such as app developers, end customers, etc.

# Thank you.

Dr. Jan Mrosik  
Chairman of the Managing Board  
MindSphere World i.Gr. (under formation, following entry in register: e.V.)  
[www.mindsphereworld.de](http://www.mindsphereworld.de)