

GOOD  
PRAC  
TICES

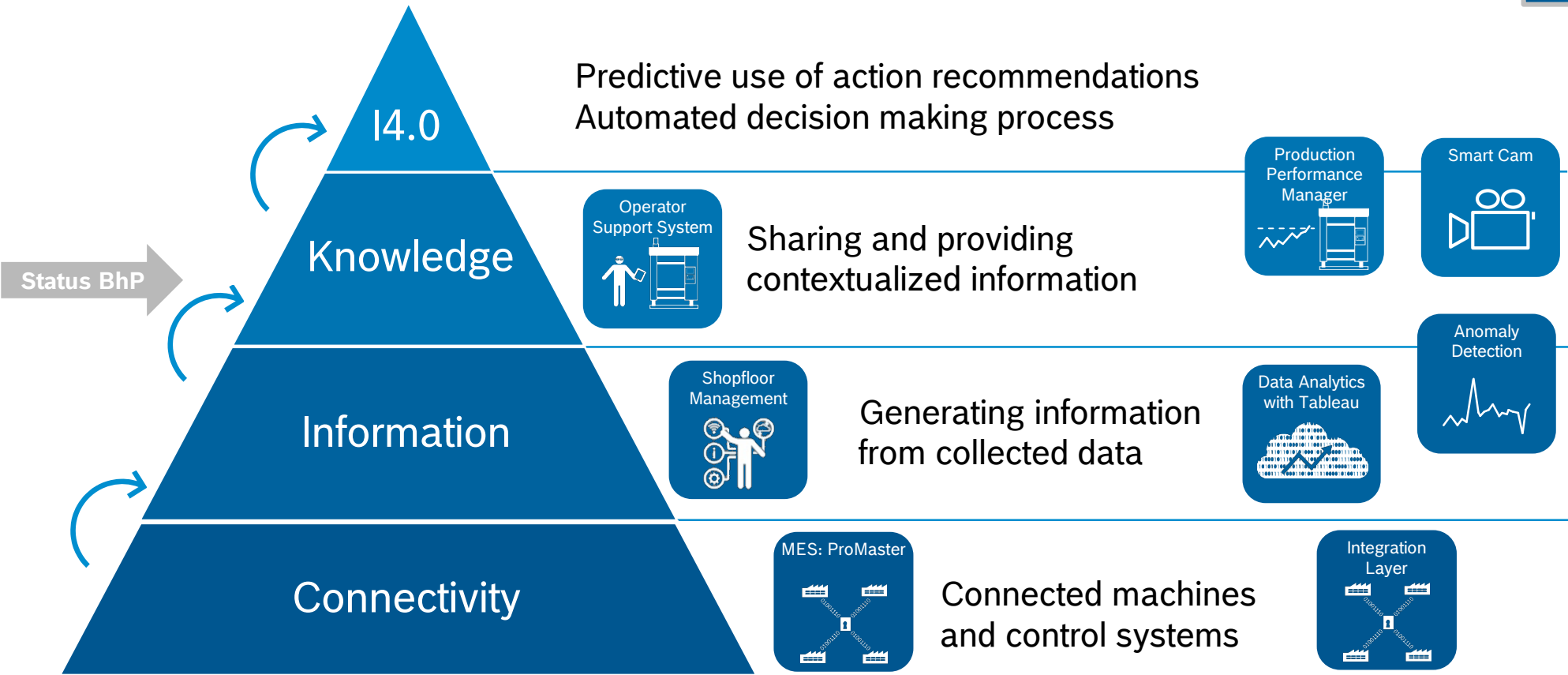
# Passion 4 Excellence

*Be part of the network*



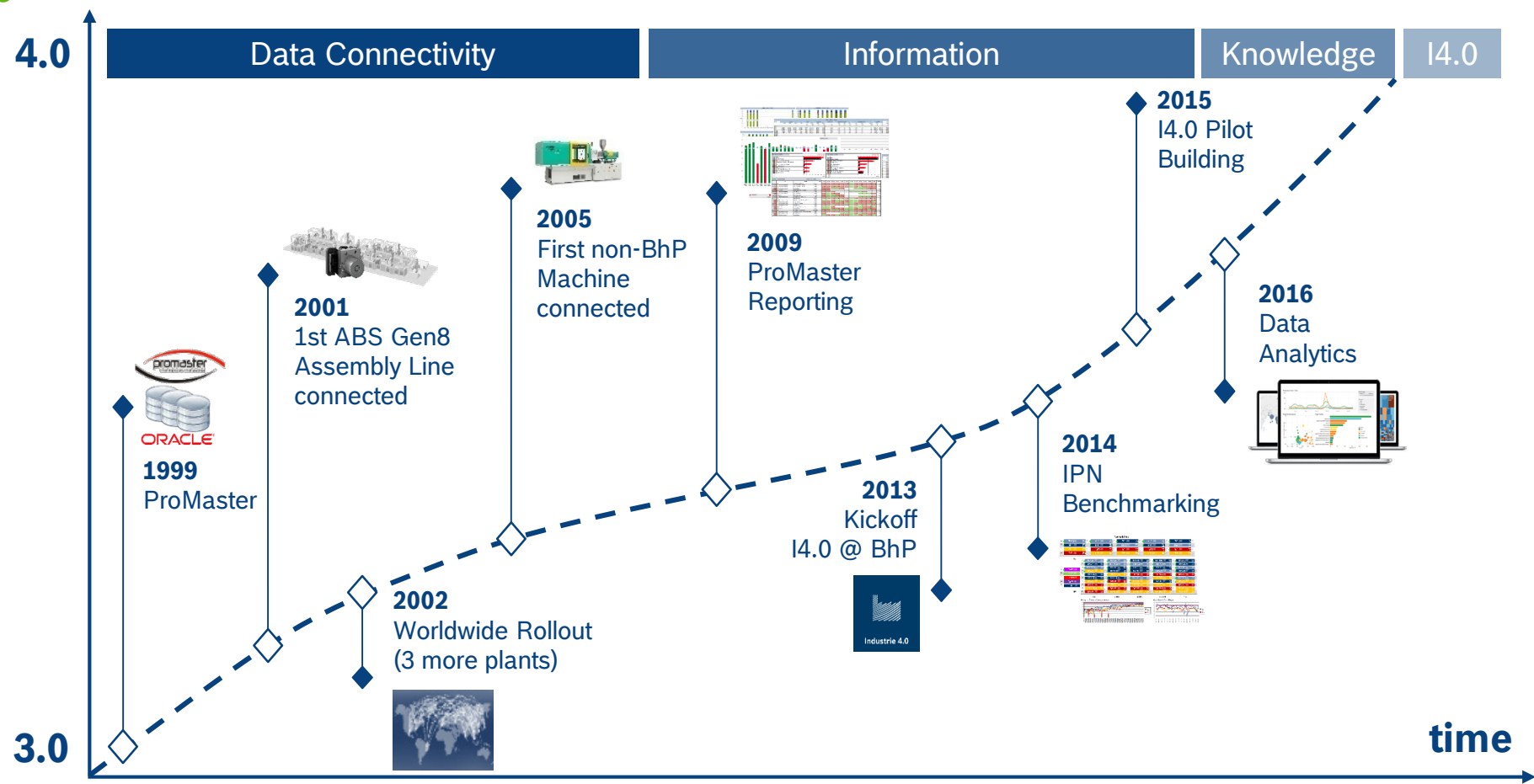
# Industrie 4.0 @BhP

## What



# INDUSTRIE 4.0

Why





# FACTS AND FIGURES



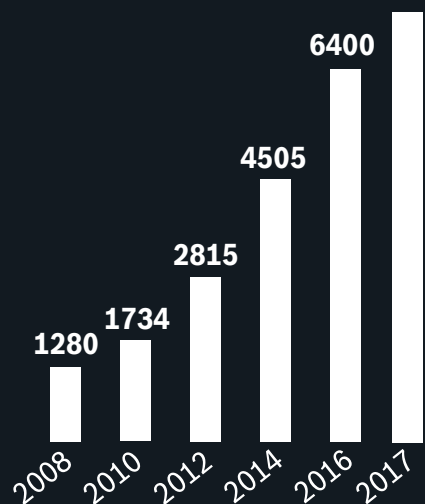
PLANTS WORLDWIDE

11



MACHINES CONNECTED  
WORLDWIDE

7400



VOLUME 2017 WORLDWIDE  
MILLIONEN UNITS

35



EXPERIENCE IN YEARS

19



BOSCH

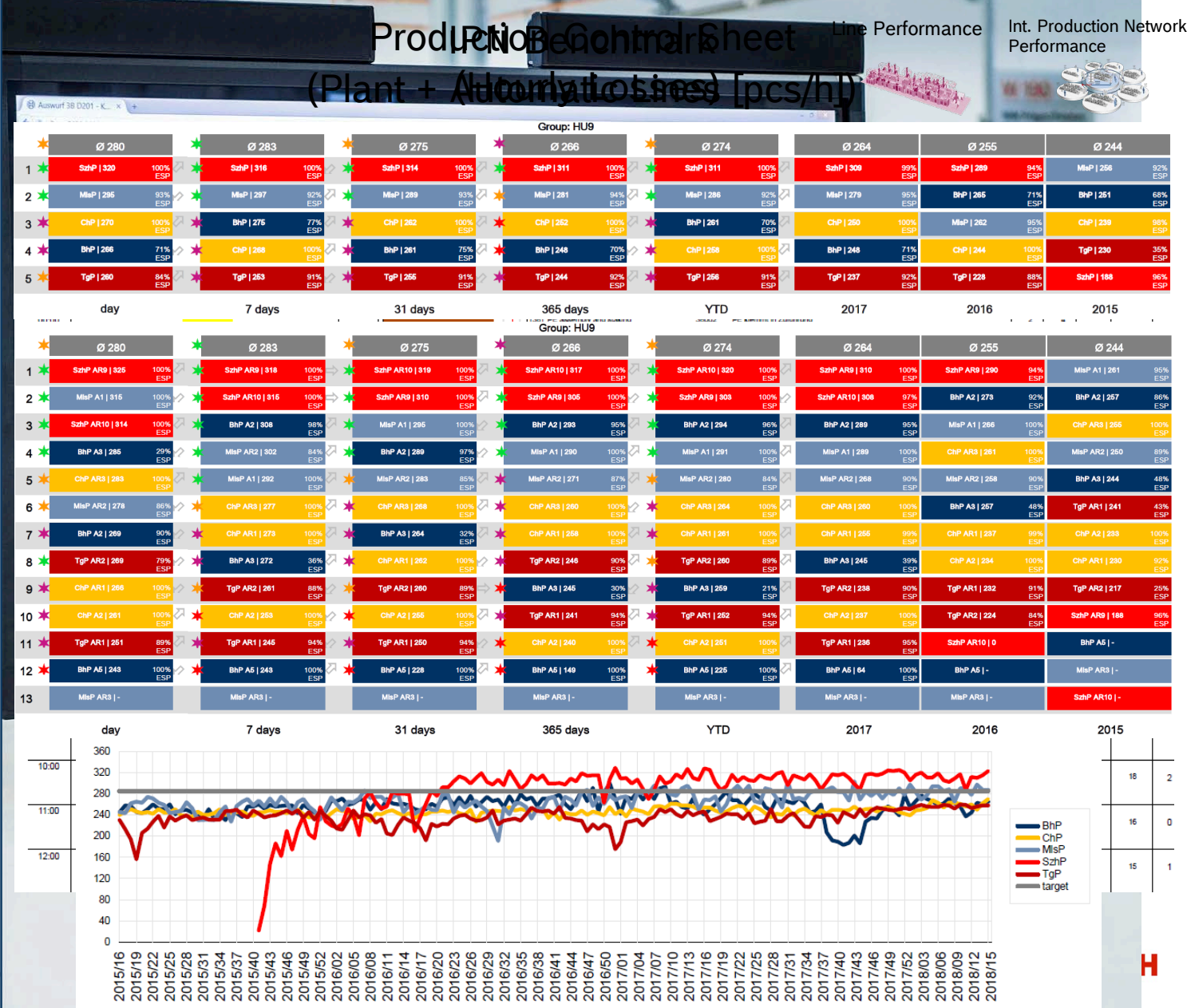
# INDUSTRIE 4.0

Why

## MES Reports – Daily | automatically

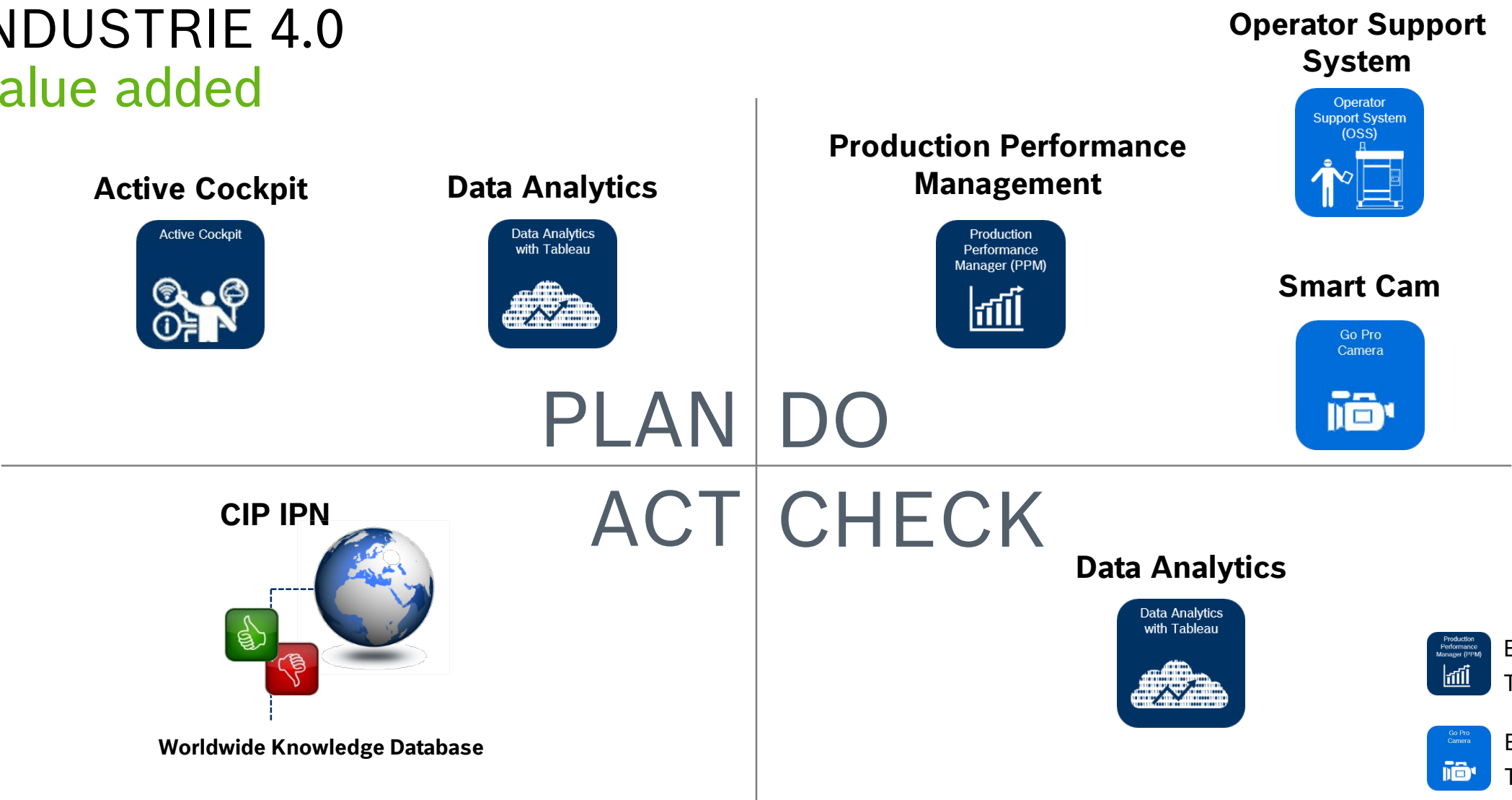
Top Management – Shop Floor Personnel

### International Production Network



# INDUSTRIE 4.0

Value added

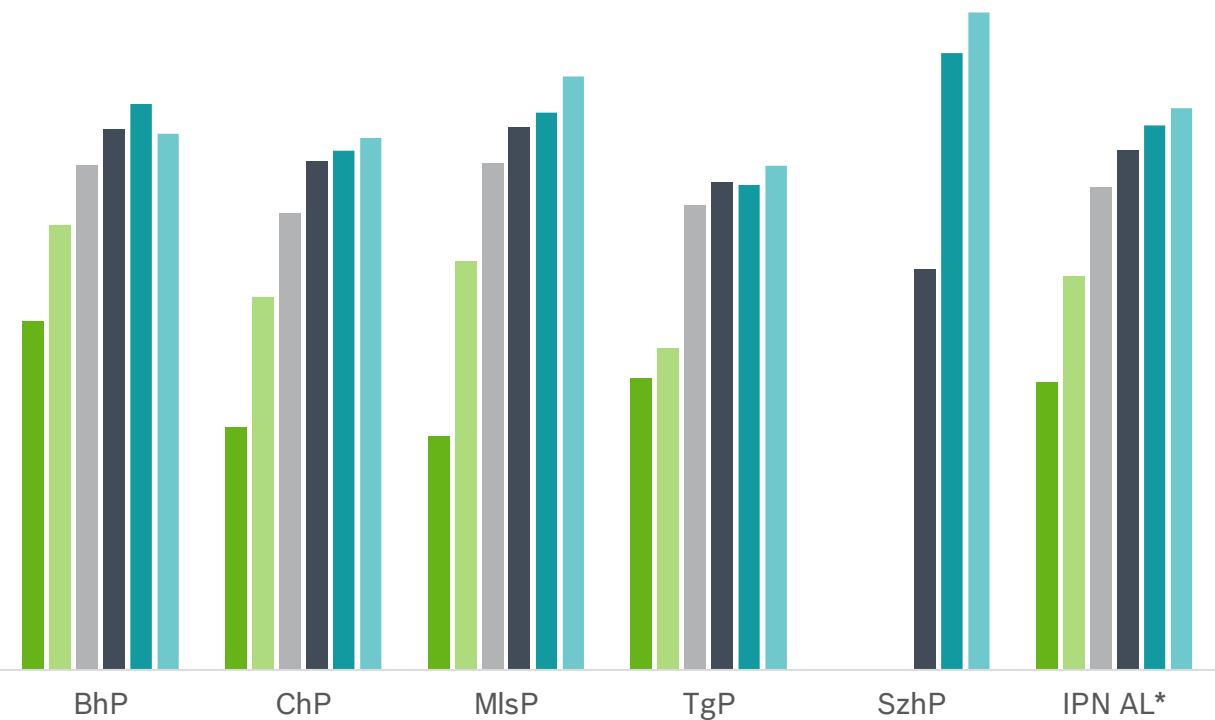


# INDUSTRIE 4.0

## Value Added

### PRODUCTIVITY (IPN ABS / ESP | PIECE PER HOUR)

Automatic – Lines    ■ 2012   ■ 2013   ■ 2014   ■ 2015   ■ 2016   ■ 2017



+15%/a



BhP Tool



Bosch Tool

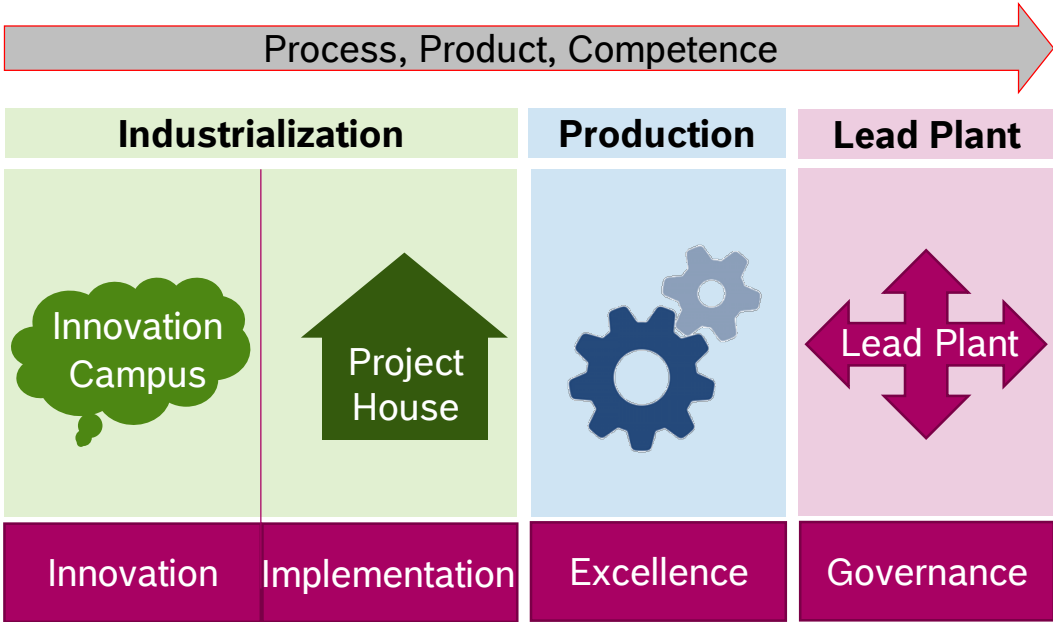


# INDUSTRIE 4.0

## Following Steps

### Organization

Strategy and process defines organization



### Technology

5 Fields of actions for a digital plant





THANK YOU