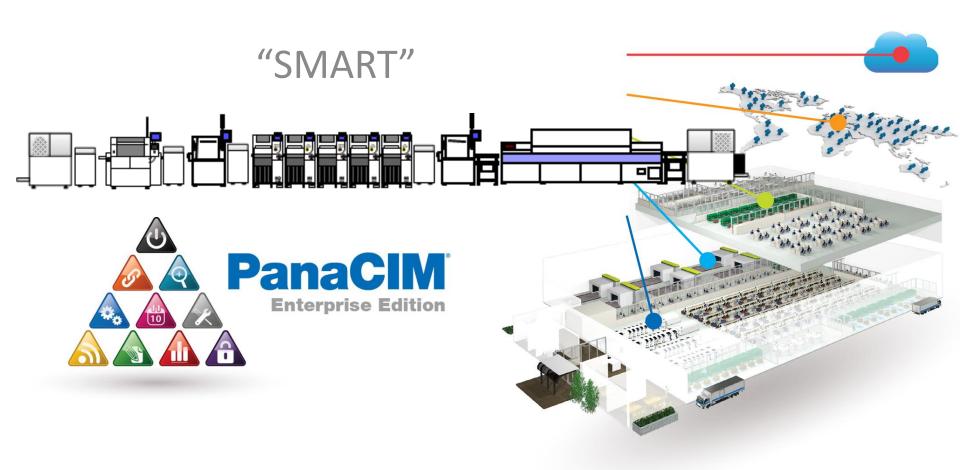
PANASONIC XXXX Day...



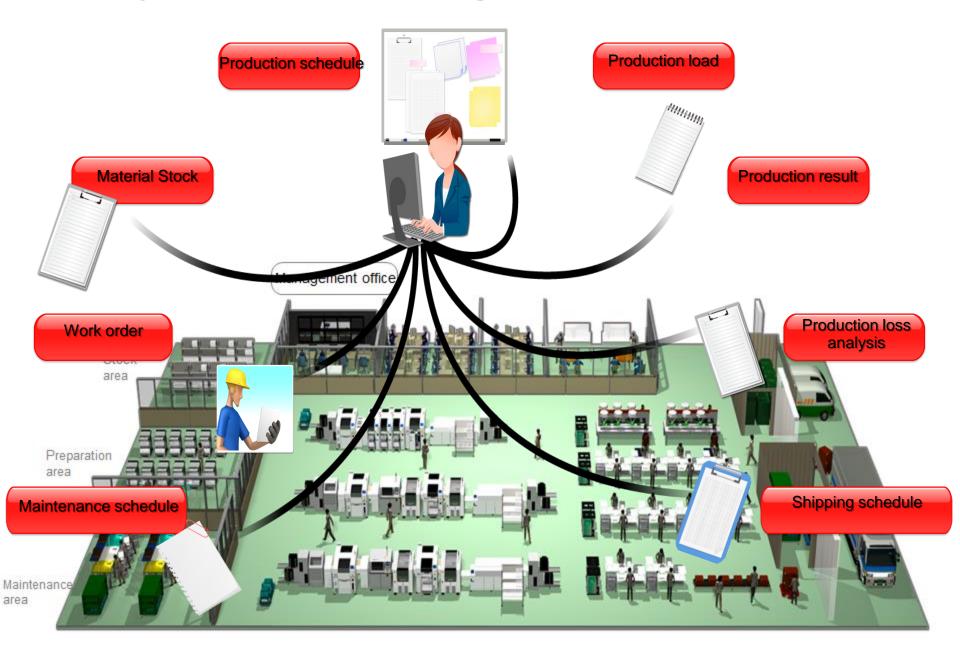
What are these Devices

What are the other "SMART" do you know..

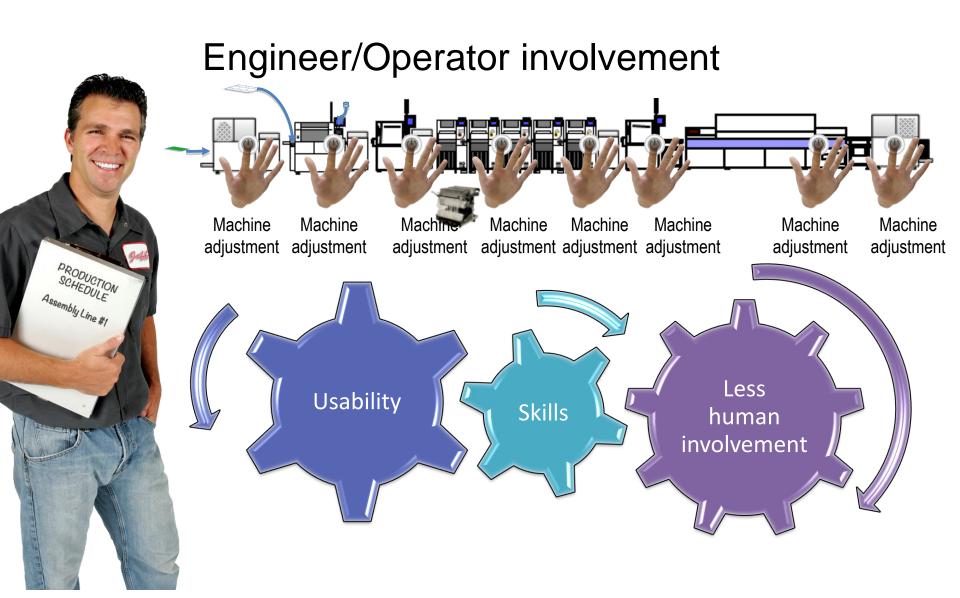
- **1.SMART Electrical/Water Meter**
- 2.SMART Fire/Smoke Detector
- 3.SMART Car
- 4.SMART Vacuum (Robotic Vacuum)
- **5.SMART Home Control System**
- 6.... I can keep going...

Is your Factory "SMART"?

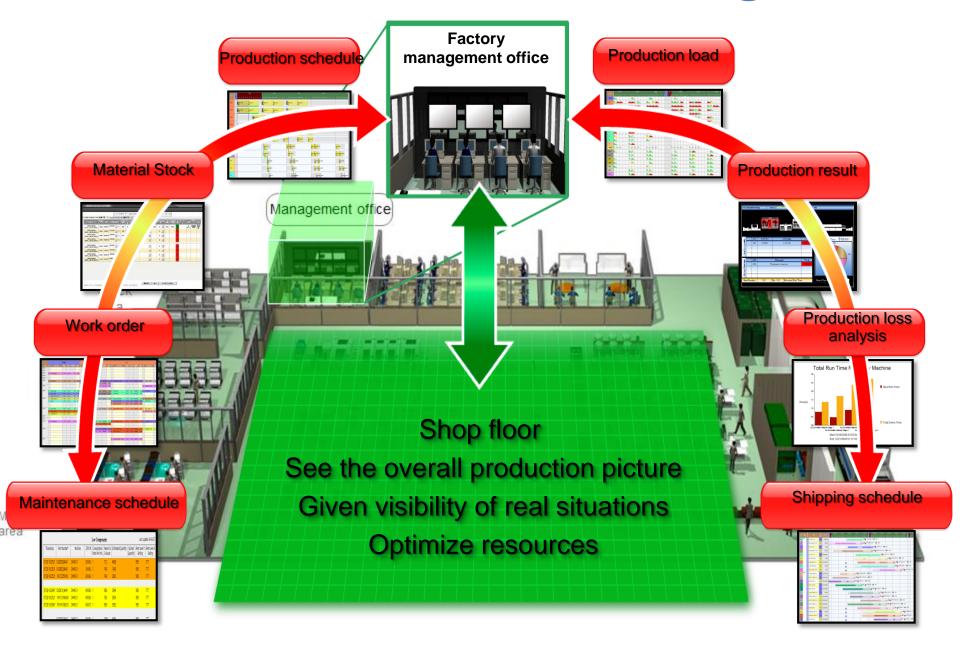
Today's Manufacturing (Traditional Method)



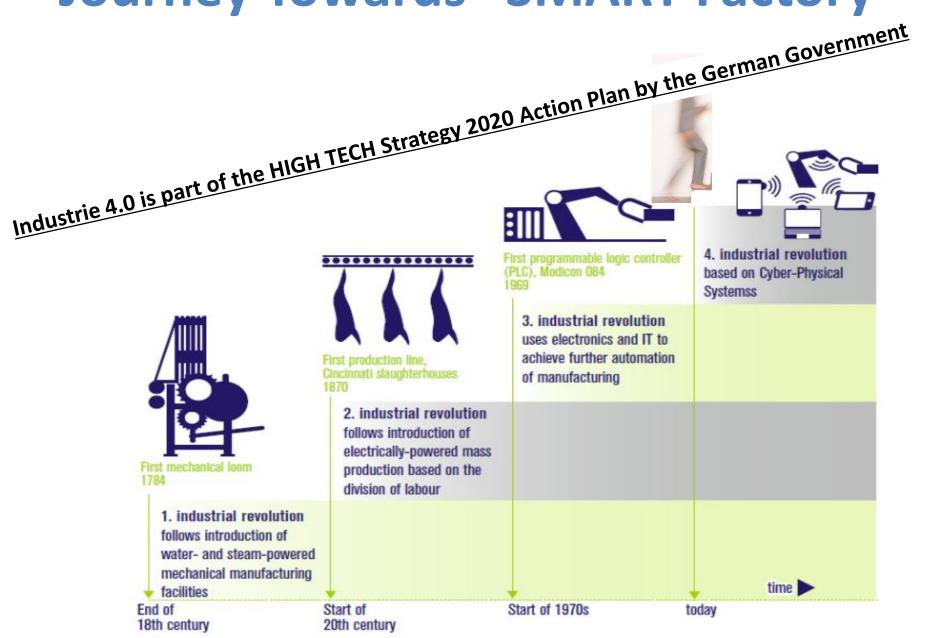
Today's Manufacturing

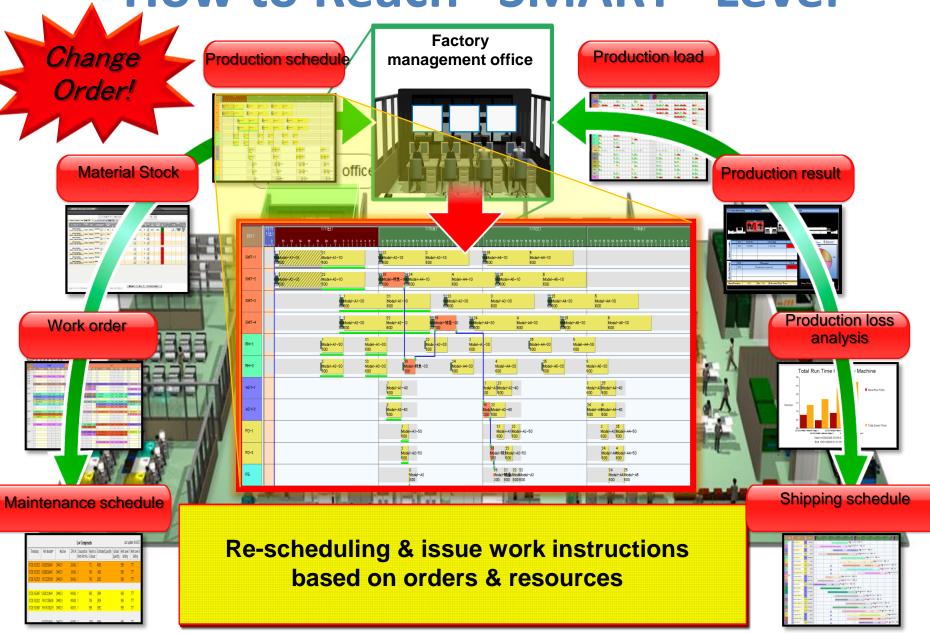


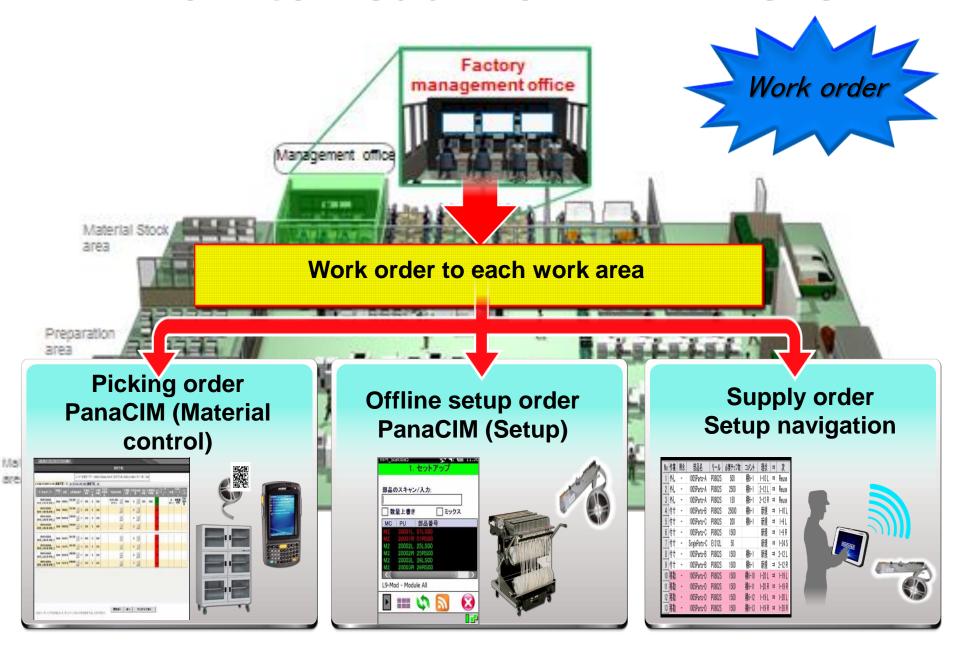
Ideal Current Manufacturing

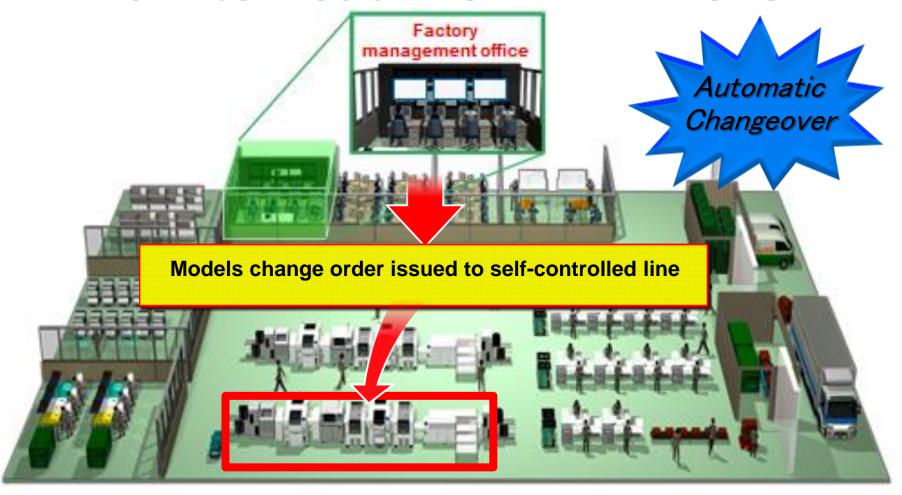


Journey Towards "SMART Factory"

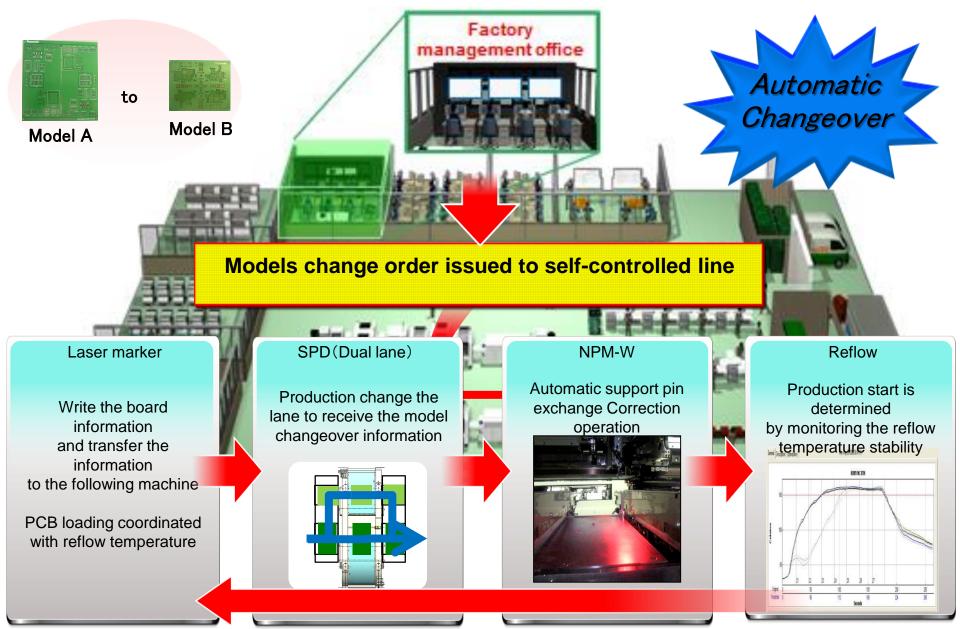






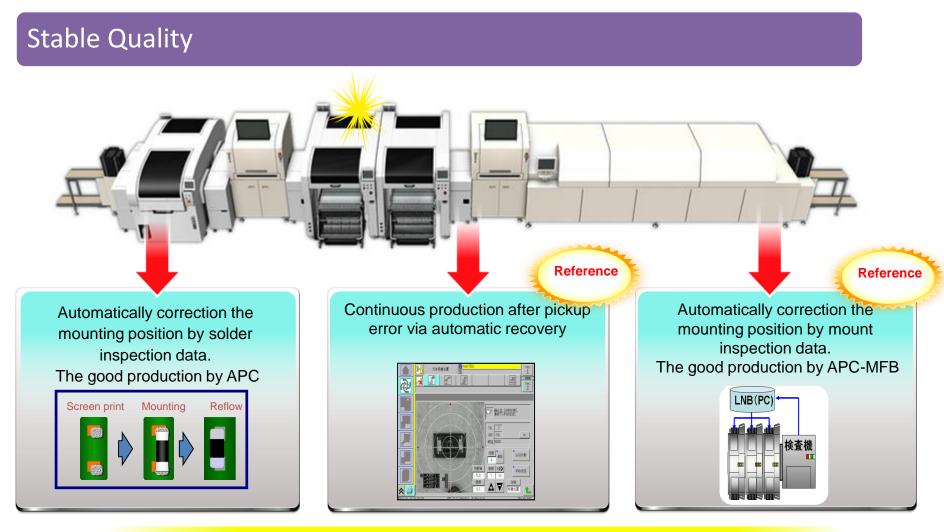


Execution of automatic changeover by connecting each machine in the line





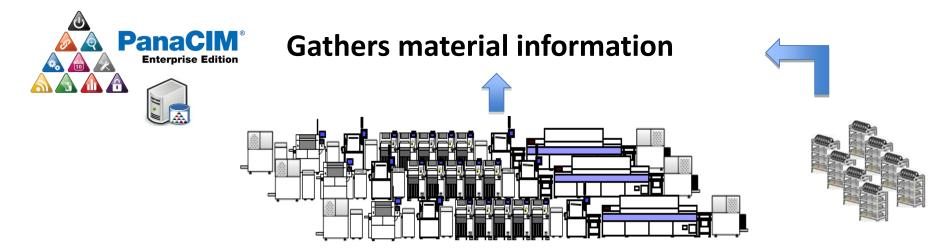
Machine/Level "SMART" Level



Achieve a good production and stable operation from the first board.

Floor "SMART" Level

Material Visibility & Control

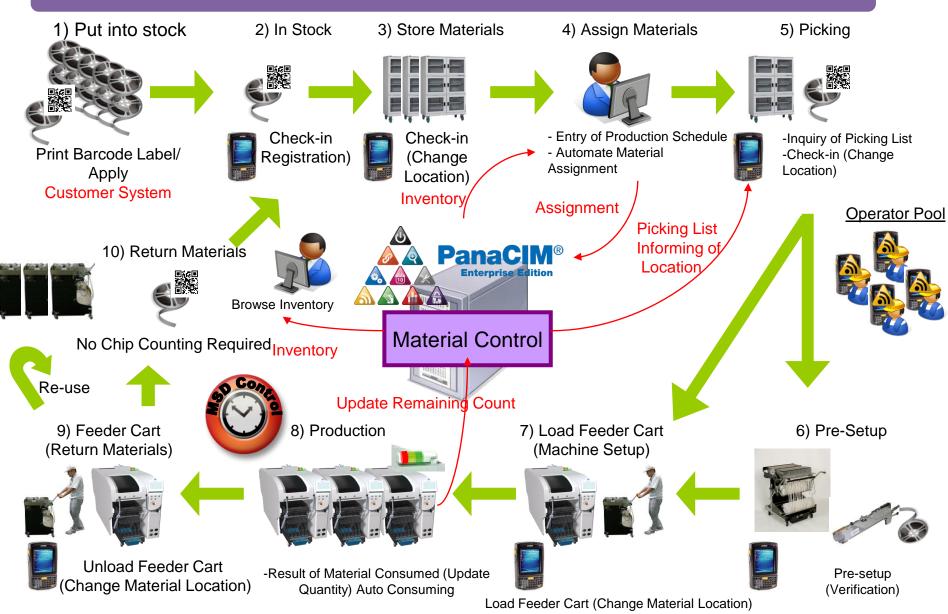






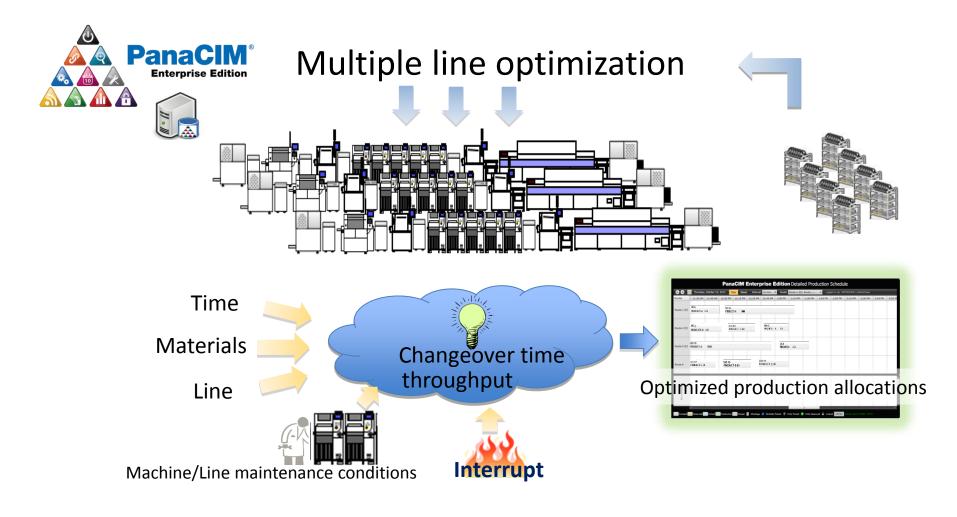


Example: Accurate Parts Management and Allocation



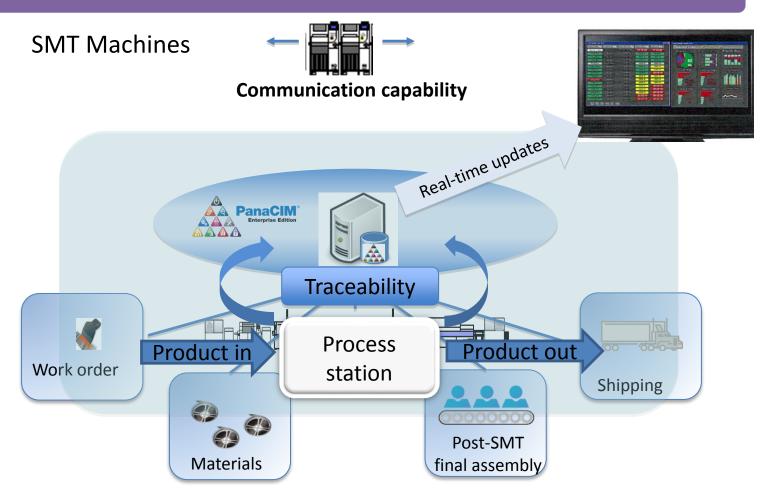
Floor "SMART" Level

Material visibility & control

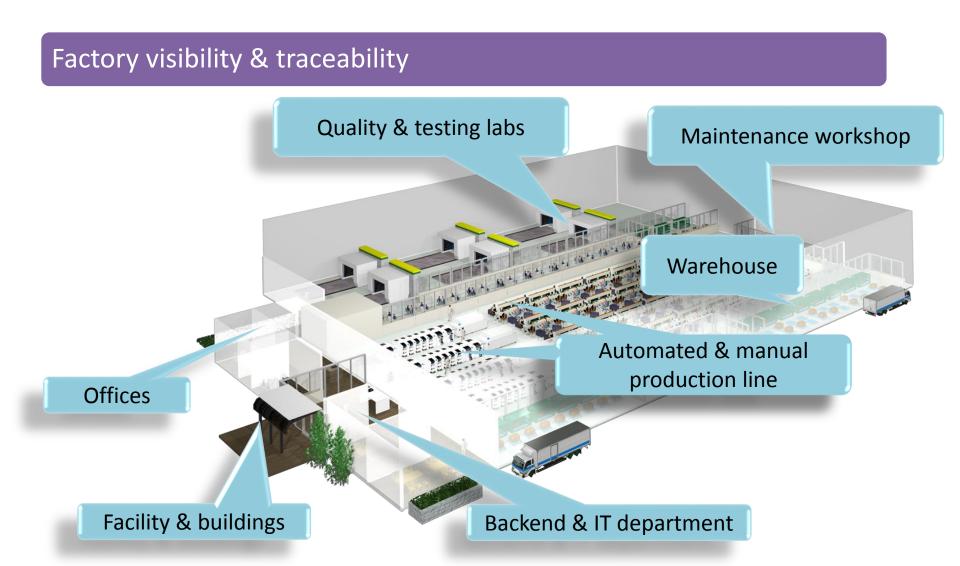


Floor "SMART" Level

Beyond SMT



Factory "SMART" Level





Panasonic