

PMG0 Profile 2021

2021/11/17

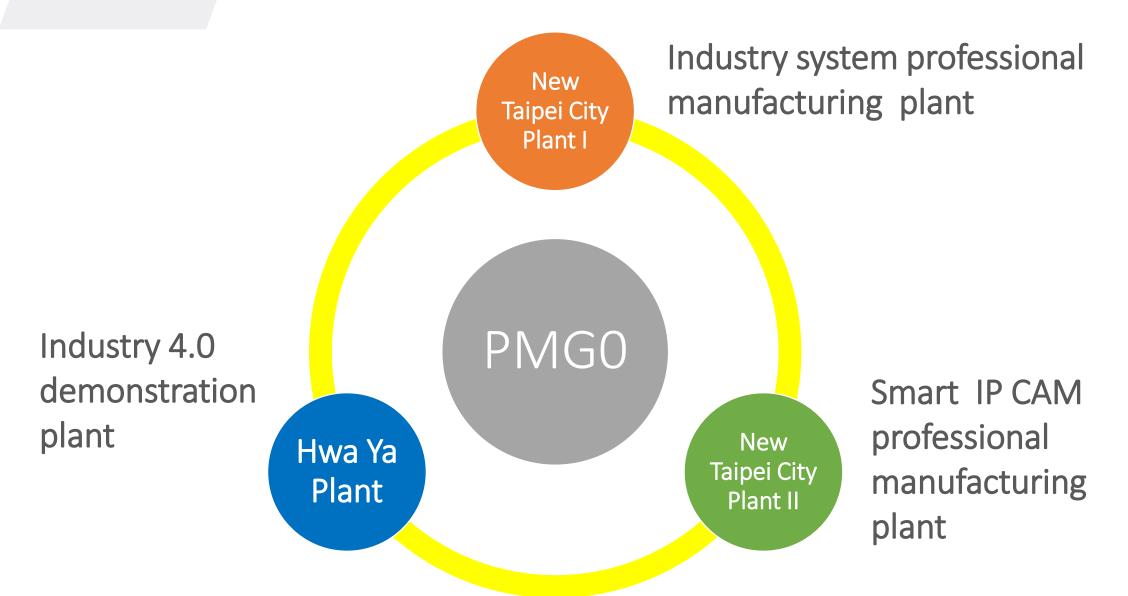
Shirley Yeh



www.nexcom.com

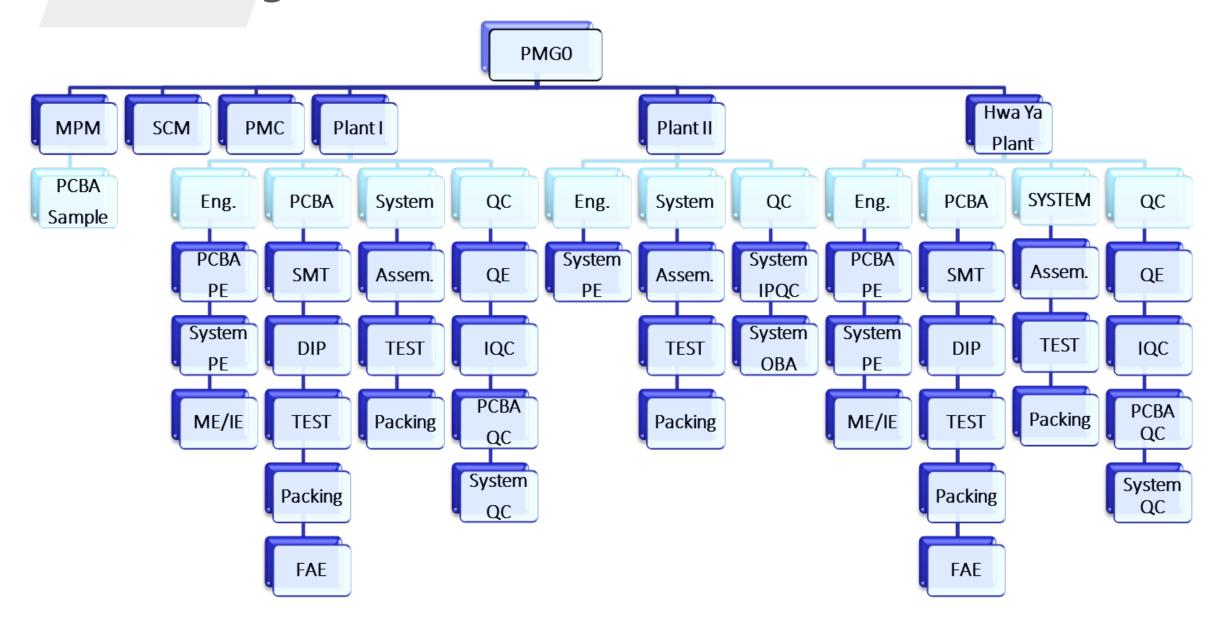
About PMG0





PMG0 Organization





PMG0 Capacity



		Line	2021 Capacity
New Taipei City Plant I	PCBA	3	37,000
New Taipei City Plant II	PCBA	0	0
Hwa Ya Plant	PCBA	2	32,000
New Taipei City Plant I	SYSTEM	1.5	13,000
New Taipei City Plant II	SYSTEM	3	15,000
Hwa Ya Plant	SYSTEM	2	22,000

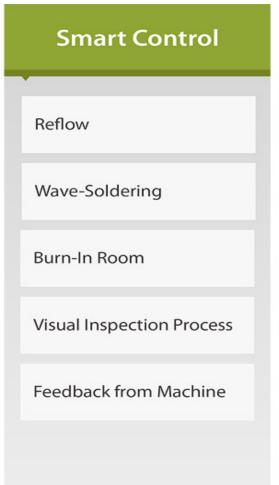
PCBA: 69,000pcs

SYSTEM: 50,000pcs

Smart Factory



Smart Site Raw Materials, Products, & Jigs w/RFID Tags Product Records through **RFID** E-SOP Optimization Sensors for Environmental Monitoring Sensor for ESD Event Detection Predictive Maintenance (PdM)





ISO Certificates List





ISO 9000, ISO 14000, ISO 45001, ISO 13485

► ISO 45001:2018

► ISO 9001:2015 (TW, US, CN)

► ISO 14001:2015

► ISO 13485:2016 (TW,US)





New Taipei City Plant I & II



Johnny

www.nexcom.com

New Taipei City Plant I & II Capacity



- 1. Board-Level Capacity → 37,000 pcs
- 2. System-Product Capacity → 28,000 units

Production Capacities	Shifts (Daily)	Hours (Daily)	PCs/Sets (month)	Facilities
Board-Level Product	3	24	37,000	SMD Line x 3
Outsourcing Capacity			>5,000	Board level>5,000 System level >10,000
System-Level Product	1	8	28,000	System Line x 4.5

Demand/Supply Management

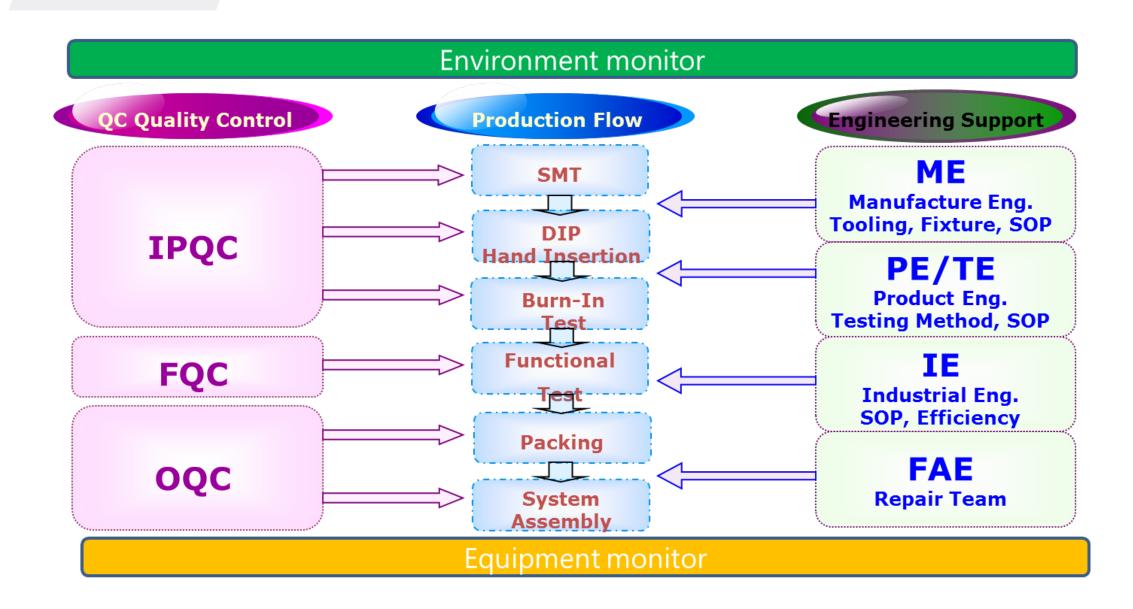


Forecasting Process

- Monthly Rolling 3-Month Sales Forecast Review
- Weekly Supply Demand Status Review
- Daily Main Production Schedule and Materials
- Requirements Program Update
- Including Customers, Subcontractors, and Components Suppliers

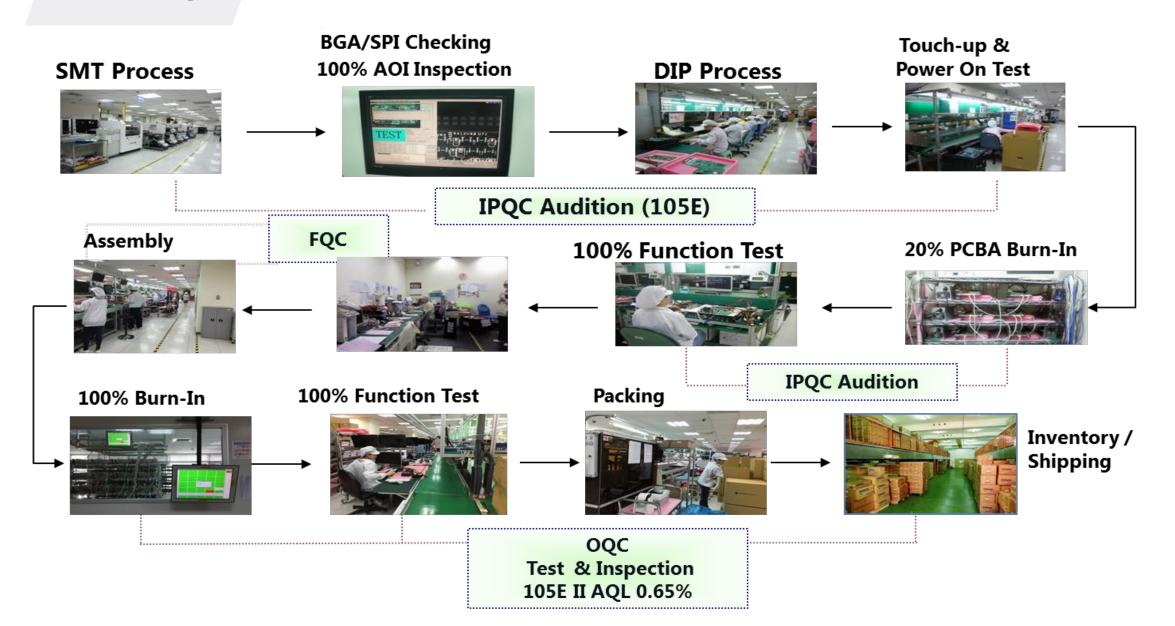
Production Flow





Quality Control







Hwa Ya Plant



Def

www.nexcom.com

Hwa Ya Plant Capacity



- 1. Board-Level Capacity → 32,000 pcs
- 2. System-Product Capacity → 22,000 units

Production Capacities	Shifts (Daily)	Hours (Daily)	PCs/Sets (month)	Facilities
Board-Level Product	3	24	32,000	SMD Line x 2
System-Level Product	2	8	22,000	System Line x 2
System-Level Product	1	8	28,000	System Line x 4.5

Hwa Ya Plant Strength



- 1. Highly Automated Production to Reduce Manpower 15%
- 2. Highly Automated Production to add performance 20%
- 3. AOI Replace Visual Inspection in DIP Process
- 4. Real-time Equipment Monitoring & Predictive Maintenance
- 5. RFID for Warehouse & WIP Management
- 6. War Room implement for facility, production line, PDM(Predictive maintenance), nCare, eSafe

SMT Process





DIP Process



Router Machine

Automatic Insertion

Wave-solder

AOI + Selective wave soldering

Touch-up



Y-S330IN-LINE-SL(L)



NPM-W2



JC-400CLFDL/R



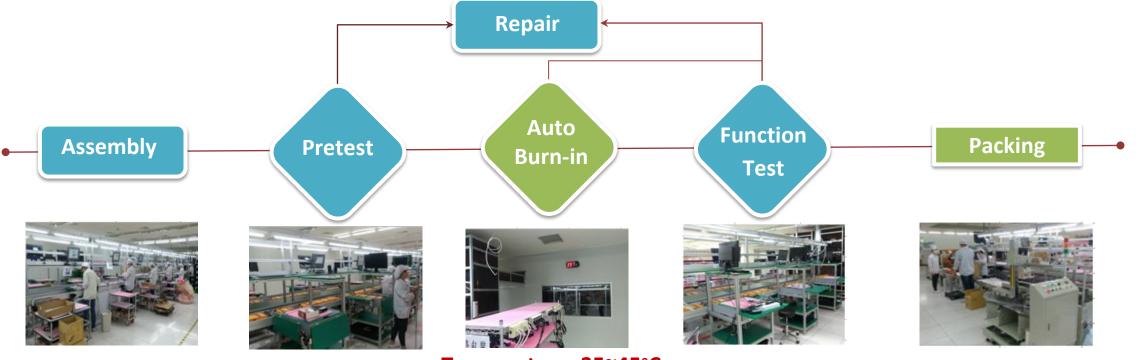
OPTIMA III/ORISSA SYNCHRODEX



Touch-up line

System Process





Temperature: 35~45°C

Auto carton folding -> sealing -> labeling -> palletizer



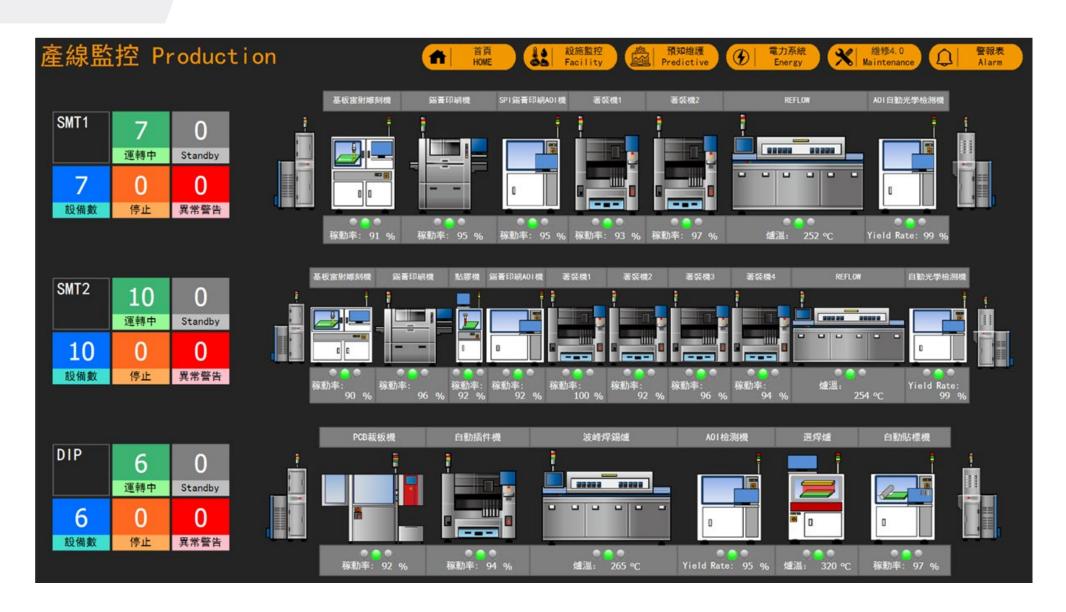






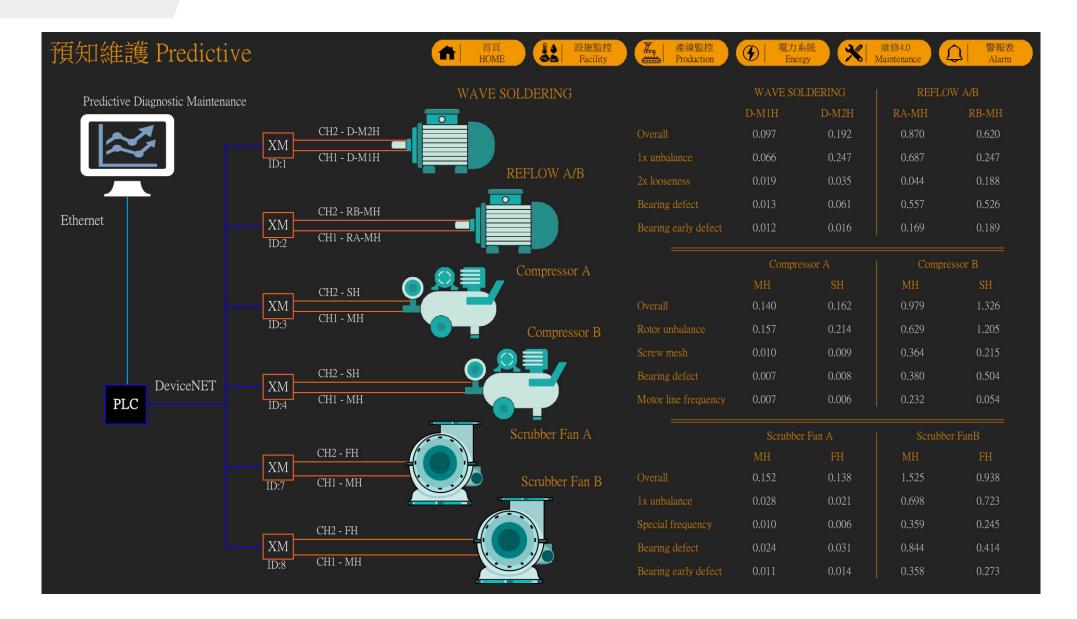
Machine Monitoring HMI





Predictive Maintenance HMI





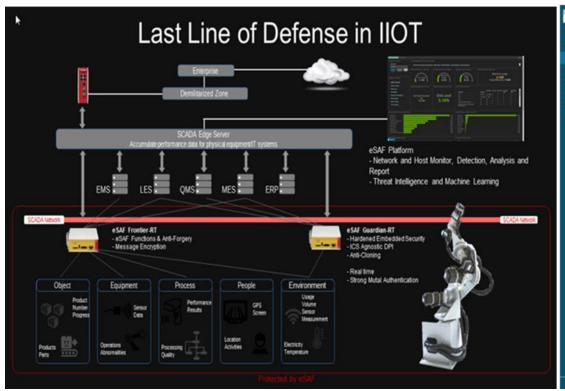
Energy Monitor and Analysis





eSafe for equipment









Thank You