



PT **SAT NUSAPERSADA** Tbk

HIGH TECHNOLOGY ELECTRONICS MANUFACTURER



GENERAL INFORMATION

15 FACTORIES
2 SUBSIDIARIES

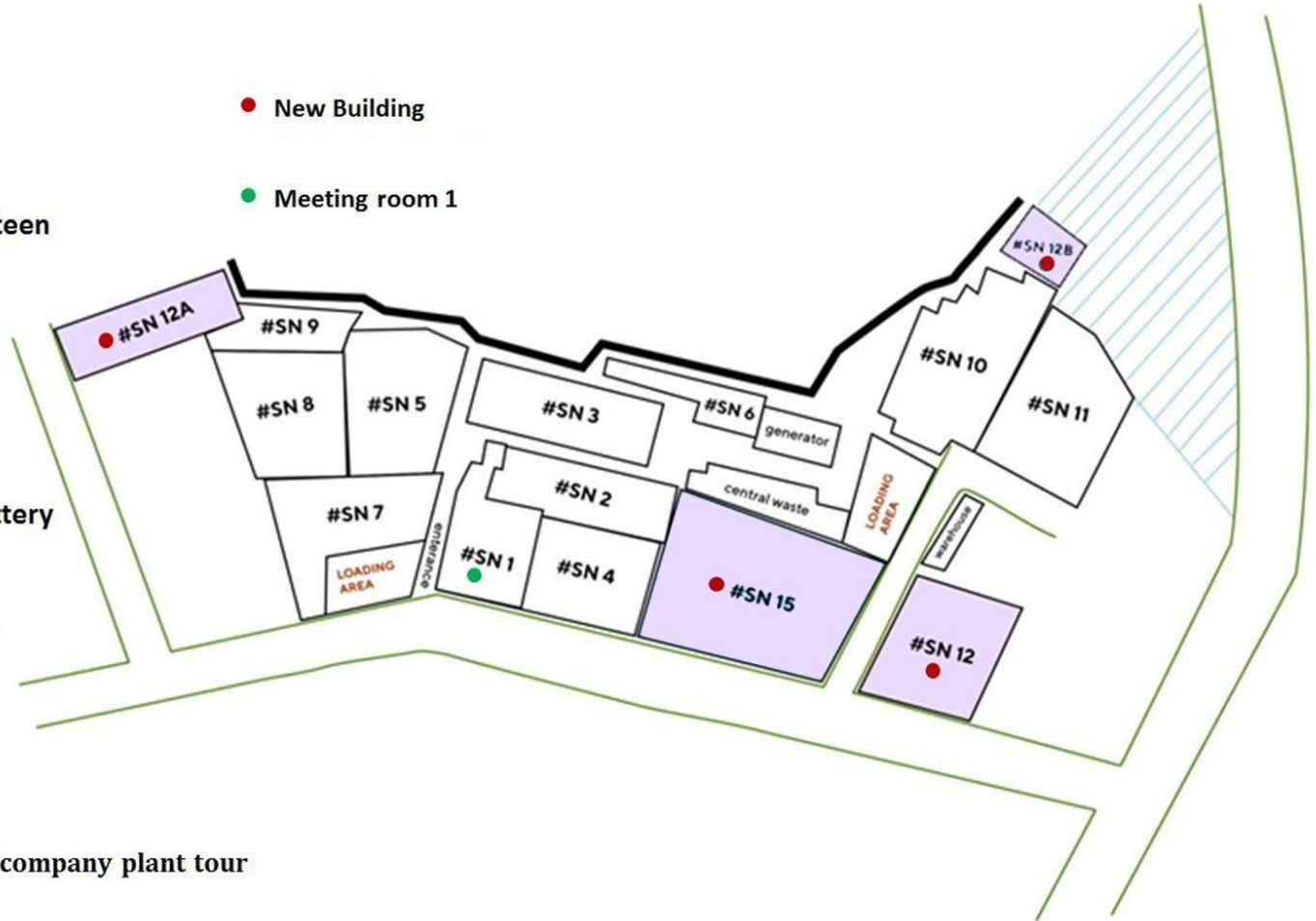
Manpower
± 7,000

Land Area
41,488 m²

Building Area
120,652 m²

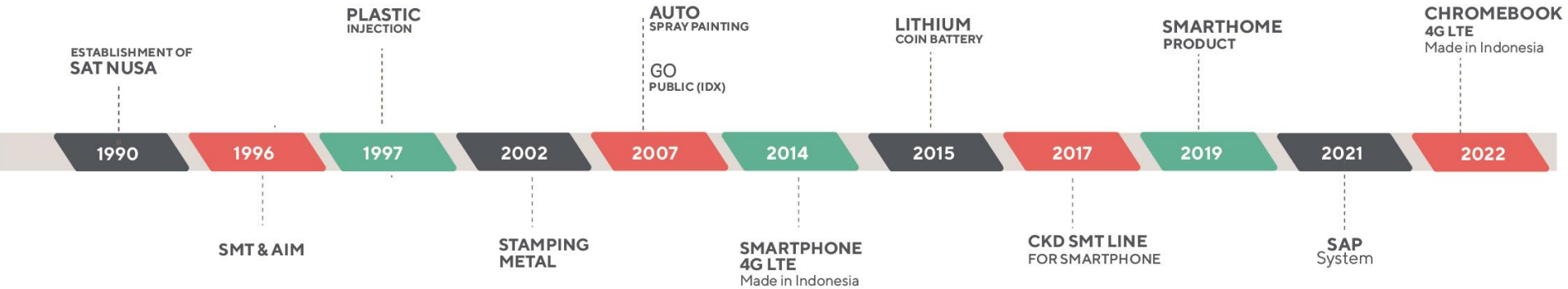


- | | |
|-----------|-----------------------|
| 1. SN1 | Office |
| 2. SN2 | Warehouse / Canteen |
| 3. SN3 | Xiaomi |
| 4. SN4 | LTE Device |
| 5. SN5 | Asus, SMT |
| 6. SN6 | Nokia / Toa |
| 7. SN7 | Asus |
| 8. SN8 | ATSN, SMT |
| 9. SN9 | SMT Store |
| 10. SN10 | Molding, Coin Battery |
| 11. SN11 | Coin Battery |
| 12. SN12 | Pegatron |
| 13. SN12A | Lenovo , Dipping |
| 14. SN12B | Generator |
| 15. SN15 | Pegatron, Huaqin |



* It is estimated \pm 5 hours for full company plant tour

SATNUSA MILESTONE



MALAYSIA

JOHOR BARU

SINGAPORE

45 minutes

1 hour
30 minutes

BATAM

STRATEGIC LOCATION



415 km² (41,500 Ha) **67% Singapore**



± **1.600.000** population



6 Ferry Terminals



3 Cargo Terminals



1 International Airport



26 Industrial Zones



Free Trade Zone

No Import and export taxes



ASEAN FTA

China - S.Korea - India - Australia - New Zealand



EU GSP & USS FTA

Less or Zero import duties



Free Visa Entry For 30 Countries

Selected immigration checked point

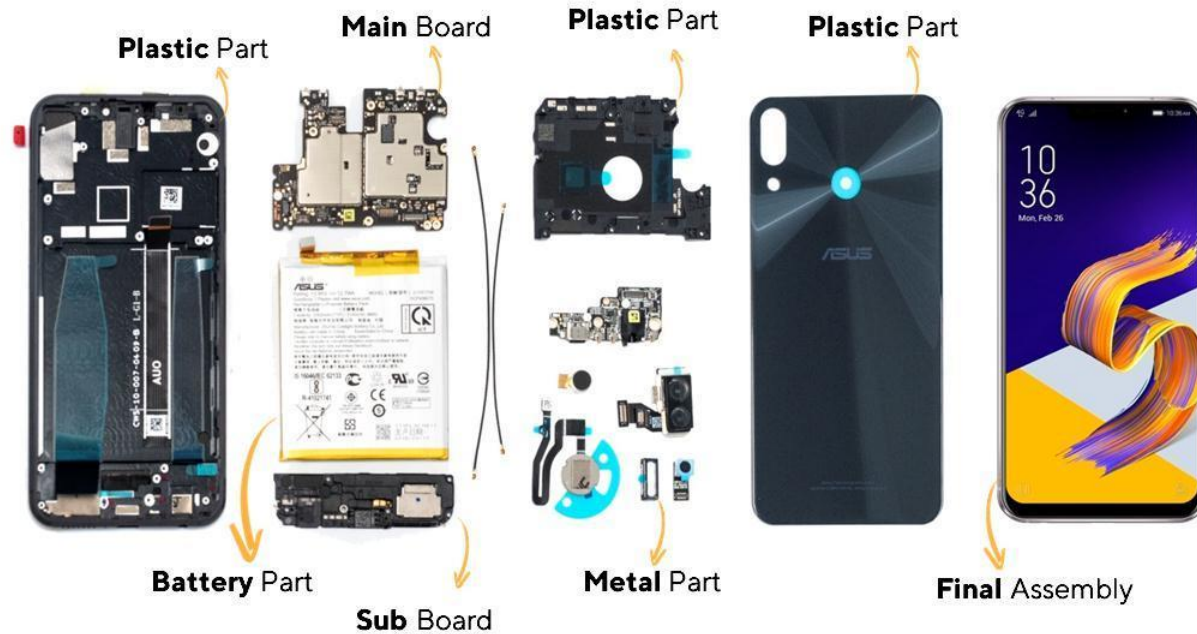


VOA For 35 Countries

Short business trip

Vertical Integration

SMT • Plastic molding • Metal Stamping • Final Assembly





SMT

Surface Mount Technology

24 SMT lines

Machine Spec:

0402 metric code / 01005 Imperial code

16 layer PCB

4 layer Flexible PCB

Flip Chip (C4 process)

Package to Package mounting

Latest X Ray Machine (Quadra 7)





Plastic Injection

30 Injection machines

50-380 tonnages

Hydraulic + Electric machines

3 units of Vacuum Tray machines





Metal Stamping

17 Stamping machines

45-300 tonnages

Handling **various types of material** and finishing



In house Tool room and Fabrication Facilities

- **Fiber Laser Cut**
- Wire Cut
- CNC High Speed
- Grinding Machine
- **High Precision Lathe**
- CNC Milling
- EDM Machine
- Super Drill



FINAL ASSEMBLY



SMART PHONE

We have **34 Smartphone** SKD Lines
with capacity of **3.4 million/month**



SMART HOME

We have **24 Smarthome** SKD Lines
with capacity of **2 million/month**

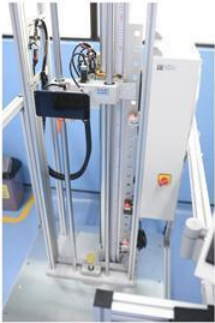
ASUS
PCBA TESTING
LINE # 1

5G





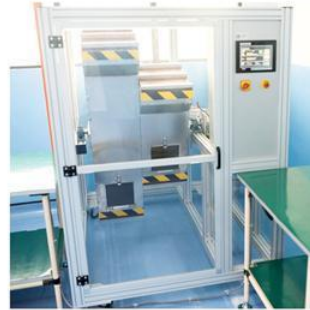
ONGOING REALIBILITY TEST



DROP TEST
1 meter 6 sides



ENVIRONMENT TEST
-20°C until +60°C



TUMBLE TEST
60 cycle, 0.5m height



P21 TEST
Water Spraying

OTHER TEST:

- Steel Ball Tester
- Twist Tester
- Back Pocket Tester
- Micro Drop Tester
- Pull & Plug Force Test
- Mini Loop
- Vibration Tester
- ESD Tester



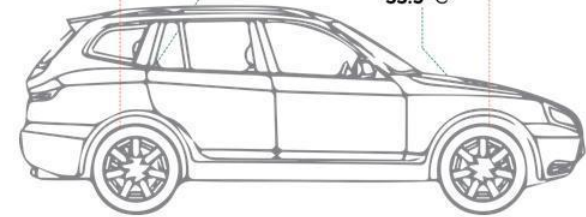
Tire Pressure Monitoring System

32 PSI
34.4 °C

33 PSI
33.8 °C

33 PSI
34.1 °C

34 PSI
33.5 °C



UNIT ELECTRONIC ROAD PRICING

LITHIUM Coin Battery

5 Production lines

16 millions monthly capacity

SMARTPHONE



Portable Barcode Scanner



Compact Microphones



OVEN PANEL



SMART HOME PEGATRON



AI Dash Camera



Chromebook



Electronic Self Label



GPS TRACKER



SMART WATCH



TPMS



Portable Modem



TABLET



MODULAR SWITCHES



WE HAVE OUR OWN MASKER PRODUCTION LINES

via subsidiary company PT SM Engineering

with capacity of
3 million pcs per month



4 PLY KF 94 MASK

3 PLY SURGICAL MASK



Dedicated **Training Centre**

Build people before **build product**

Attitude

(vision mission value)

Knowledge

(orientation, basic production,
customer standard)

Skills

(Operator, Quality Control, Store,
Engineering) **On Job Training**



Security training **by police**



Fire drill



Operator training



Abundance of workforce

OUR **ADDED VALUE**



We have innovation team
to create semi robot kits



We fabricate our own
JIG AND FIXTURE



We put in place
**TRACEABILITY
SYSTEM**

Our facilities



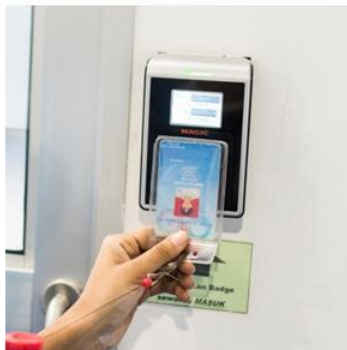
10 megawatt
Government
electricity



14 MEGAWATT



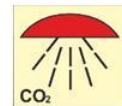
PLC MASTER
SYNCHRONIZED PANEL



Access door
In each department



Firewall storeroom
For smartphone battery



Fire Alarm
Heat & Smoke detector
And CO2 Sprinkler (selected area)

MoU BETWEEN SATNUSA AND POLICE

As Satnusa is designated as a National Vital Object



CORONA VIRUS PREVENTION



TEMPERATURE CHECK



HAND SANITIZER



DISINFECTANT SPRAY



VACCINATION WITNESSED BY

Coordinating Ministry for Economic Affairs Mr Airlangga

Industry Ministry Mr Agus Gumiwang

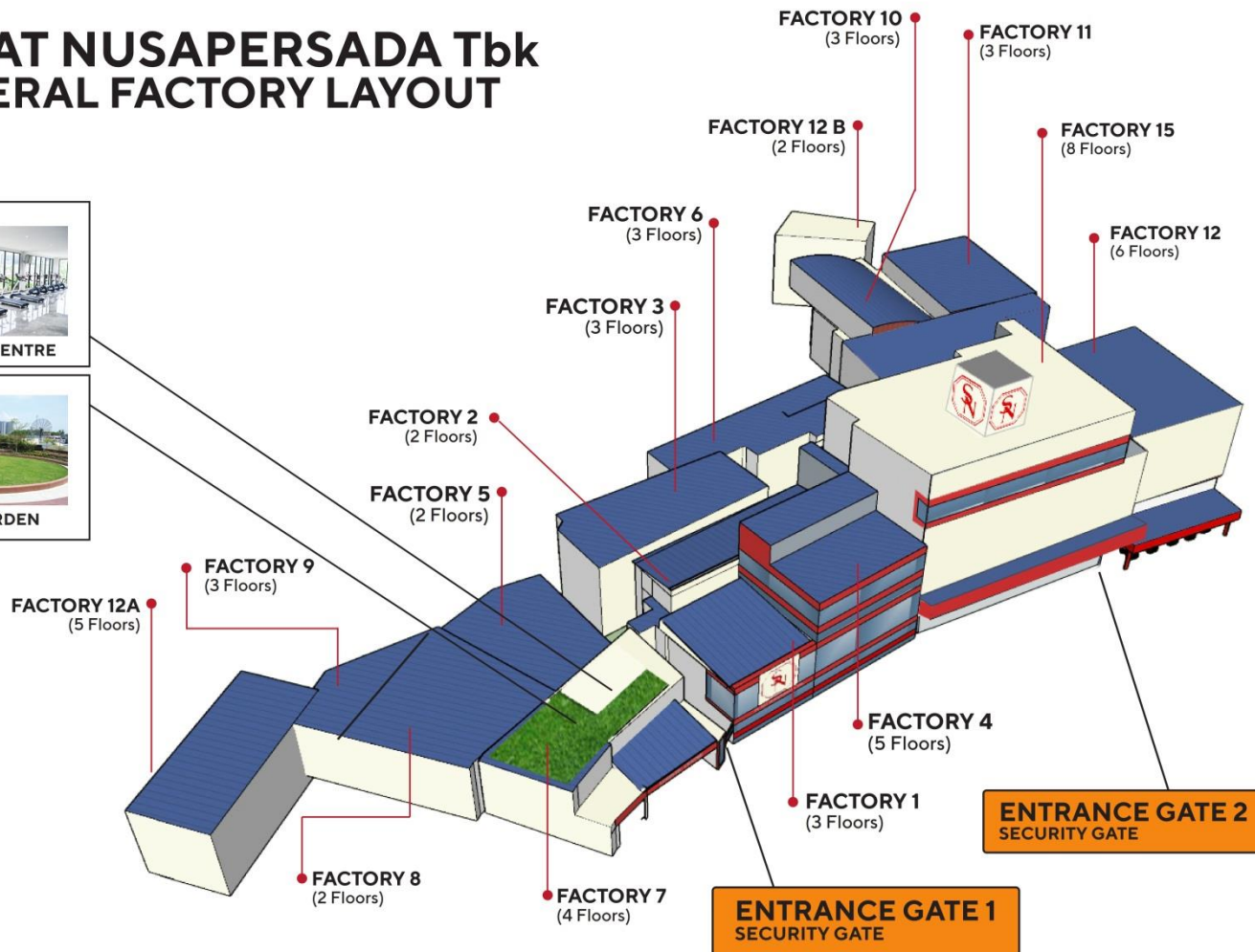
Kepri Governor Mr Ansar Ahmad

And BP Head and Batam Governor Mr Muhammad Rudi



12 June 2021

PT SAT NUSAPERSADA Tbk GENERAL FACTORY LAYOUT



ARWANA CITRAMULIA

BUKIT ASAM

DATARRICKS,
ONE OF THE
WORLD'S MOST
VALUABLE
STARTUPS

ERAJAYA SWASEMBADA

ALKINDO NARATAMA

Indonesia
Forbes

AUGUST 2021

ELEVENTH ANNUAL

BEST
of the
BEST

2021

THE 50 BEST COMPANIES

WWW.FORBESINDONESIA.COM

RP 70.000



97 72 08 11 99 00 1

INDONESIA
Forbes
BEST
OF THE
BEST
2022
COMPANIES

Welcome to the annual Best of the Best list for 2022, which recognizes 50 of Indonesia's best-performing publicly traded firms, each of which is a champion in its own right. The list, which is entering its 12th year, is based on the long-term fundamental performance of these Indonesian companies, including their results from the past year, when they and all other listed companies had to demonstrate their adaptability and resilience in the face of the new economic environment brought on by the pandemic. It is therefore a testament to the hard work and dedication of these organizations and their management teams that they have maintained growth despite the adverse economic climate.

As the economy began to recover last year, energy demand began to increase, resulting in record-breaking prices for coal, oil, and gas, among other commodities. Ten coal miners, one nickel producer, and one LPG producer perhaps unsurprisingly, feature among this year's award recipients.



METHODOLOGY: Multiple indicators, including five-year net income growth, return on equity (ROE), and return on assets (ROA) growth, were weighted differently in a formula to produce a composite score that was used to rank companies. These outcomes were subsequently evaluated for governance. The financial statements contained the most recent accessible full-year numbers, often for the year 2021. Mid-July prices and exchange rates are reflected.

AUGUST 2022

FORBES INDONESIA

44. SAT NUSAPERSADA 2

MANUFACTURING

MARKET CAP: \$70.44 MN

NET INCOME: \$5.82 MN

Based in Batam and founded in 1990, PT Sat Nusapersada provides an integrated suite of electronic solutions from procurement & inventory management, surface mount technology, plastic injection molding, metal stamping, final assembly, testing, to shipment to end customers. It serves a wide variety of industries, including automotives, communications, and home appliances, with clients such as Sony, Panasonic, Epson, Asus, and many more.

Despite the challenges throughout 2021, from COVID-19 to chipsets shortage, the company managed to achieve its goal of increased revenue by 10.18% to \$159.9 million. Earlier this year, the company announced it will work with PT Tata Sarana Mandiri to produce Indonesia's first designed and produced Chromabook 4G LTE.



Abidin Fan, President Director of PT Sat Nusapersada



Abidin Fan, President Director of PT Sat Nusapersada

39. METRODATA ELECTRONICS 3

TECHNOLOGY HARDWARE & EQUIPMENT

MARKET CAP: \$292.63 MN

NET INCOME: RP 541.67 BN

PT Metrodata Electronics is one of Indonesia's largest IT distribution and solution companies. There are over 100 IT brands that the company distributes through more than 5,200 channels and dealers spread in over 150 cities across Indonesia. Last year, Metrodata saw a significant uptick in sales in notebook computers, smartphones, gaming devices, as well as increasing recurring revenue from the company's SaaS and IaaS solutions.

41. SAT NUSAPERSADA 1

MANUFACTURING

MARKET CAP: \$76 MN

NET INCOME: \$4.83 MN

PT Sat Nusapersada was founded in Batam in 1990, manufacturing electronic components and supplying printed circuit boards and mechanical parts assembly. Satrusa offers an integrated suite of electronic manufacturing solutions, from surface mount technology, plastic injection molding, metal stamping, and final assembly. Its products range from smartphone, networking devices, consumer electronic products, to automobiles, with clients such as Xiaomi, Huawei, Cisco, Epson, Cisco, Sony, and many more.

荣誉证书

HONORARY CREDENTIAL

2021年小米质量进步奖 2021 Xiaomi Quality Progress Award

为表彰2021年小米质量进步奖获得者，
特颁发此证书。

This Certificate is Proudly Presented to award
winners in Recognition of their contribution to
Miphone Quality.

获奖单位: PT. Sat Nusapersada Tbk
Award Winner: PT. Sat Nusapersada Tbk



小米手机部
Miphone Dept.

证书编号 (Certificate No.): XMSJZLJBj-2021010



2021年小米质量进步奖
2021 Xiaomi Quality Progress Award

小米手机部
Miphone Dept.

XIAOMI QUALITY AWARD
BEST XIAOMI EMS
IN THE WORLD
(out of 9 EMS companies)





FACTORY 15



THANK YOU