



STX PRECISION (JB) SDN BHD

COMPANY PROFILE



**NON-FERROUS METAL HEAVY INDUSTRY (HIGH PRESSURE DIE-CASTING)
& ENGINEERING SUPPORTING SERVICES (ESS)**

Customized development of Product, Alloys and Processes.

www.stx.com.my



VISION & MISSION STATEMENT

***We aim to be one of the biggest (Top 10)
Original Equipment Manufacturers (OEM)
specializing in casting of non-ferrous metals (alloys) and
engineering supporting (metalworking) services
operating within ASEAN region
for our global customers involving in
various industrial segments.***





Integrity

We believe integrity is at the heart of our individual and corporate actions.

Quality Driven

We focus on doing the right things and no compromise on quality.

“Near Enough is never Good Enough”

Cost Effectiveness

We empathizes on cost effectiveness for all activities, thus to be profitable and meeting the change of market demands.

Customer Orientated

We place our customer at the core of the company’s business and ensure high quality services. “It begins and ends with our customer”

Effective Communication

We believe on engaged listening and open communication are essential for a productive and efficient workplace.

Human Development

We believe the best way to improve productivity is to provide an opportunity for people to learn and improve their personal skills, organizational skills, knowledge, and abilities that contribute to the work process and to be satisfied with their achievements.

Teamwork

Together everyone achieves more and success will go hand-in-hand.



STX PRECISION (JB) SDN BHD

STX PRECISION (JB) SDN BHD (Headquarter)



PLANT 1

Lot 153 (No. 17A), Jalan Angkasa Mas 6
Kawasan Perindustrian Tebrau II,
81100 Johor Bahru
Johor, Malaysia.

Aluminium Die Casting,
Deburring



PLANT 2

PLO 170 (No.2), Jalan Angkasa Mas 3,
Kawasan Perindustrian Tebrau II,
81100 Johor Bahru
Johor, Malaysia.

Precision CNC Machining,
Design & Fabrication of Molds,
Jigs and Fixtures



PLANT 3

Lot 154 Jalan Angkasa Mas 6,
Kawasan Perindustrian Tebrau II,
81100 Johor Bahru
Johor, Malaysia.

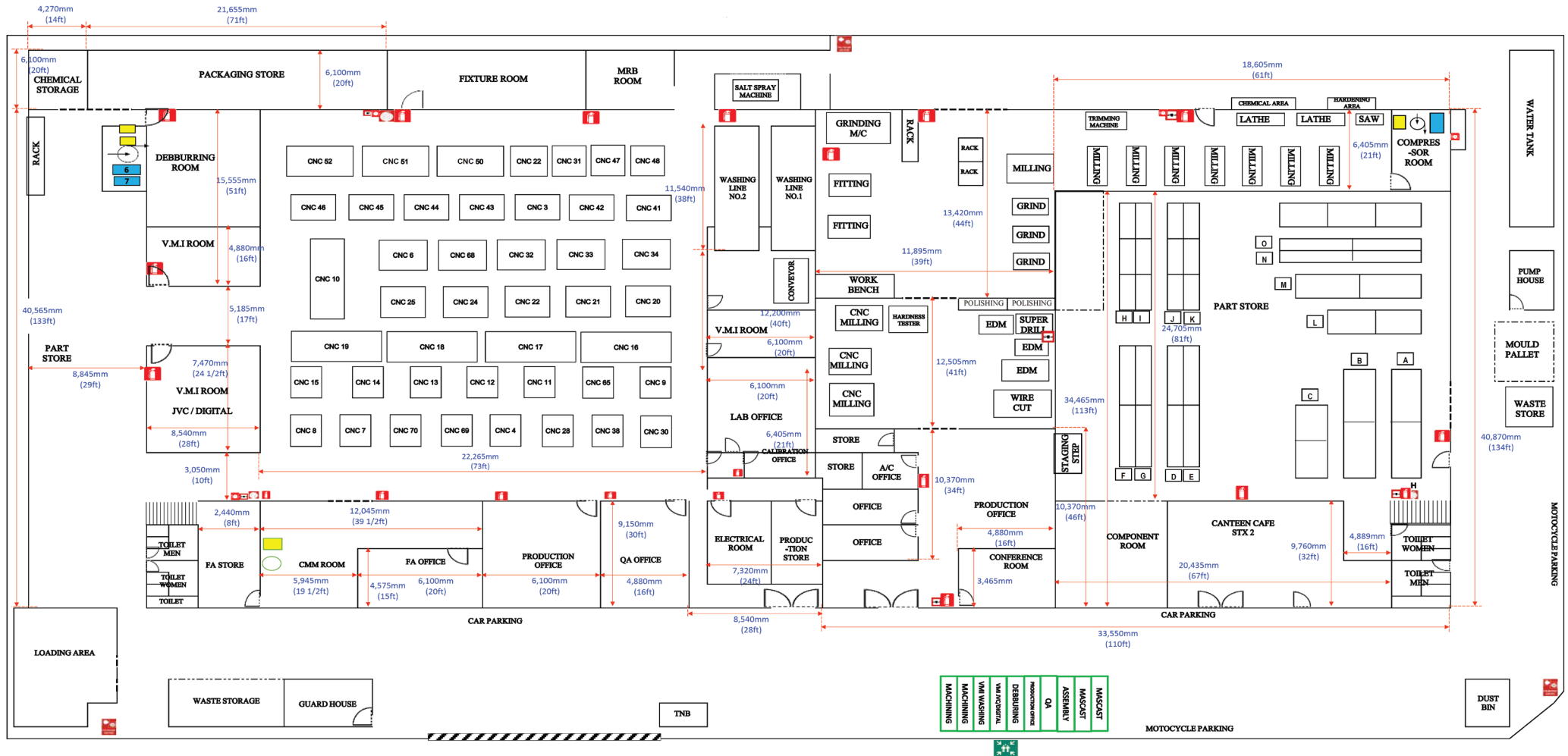
Powder Coating, Assembly,
Zinc Die Casting



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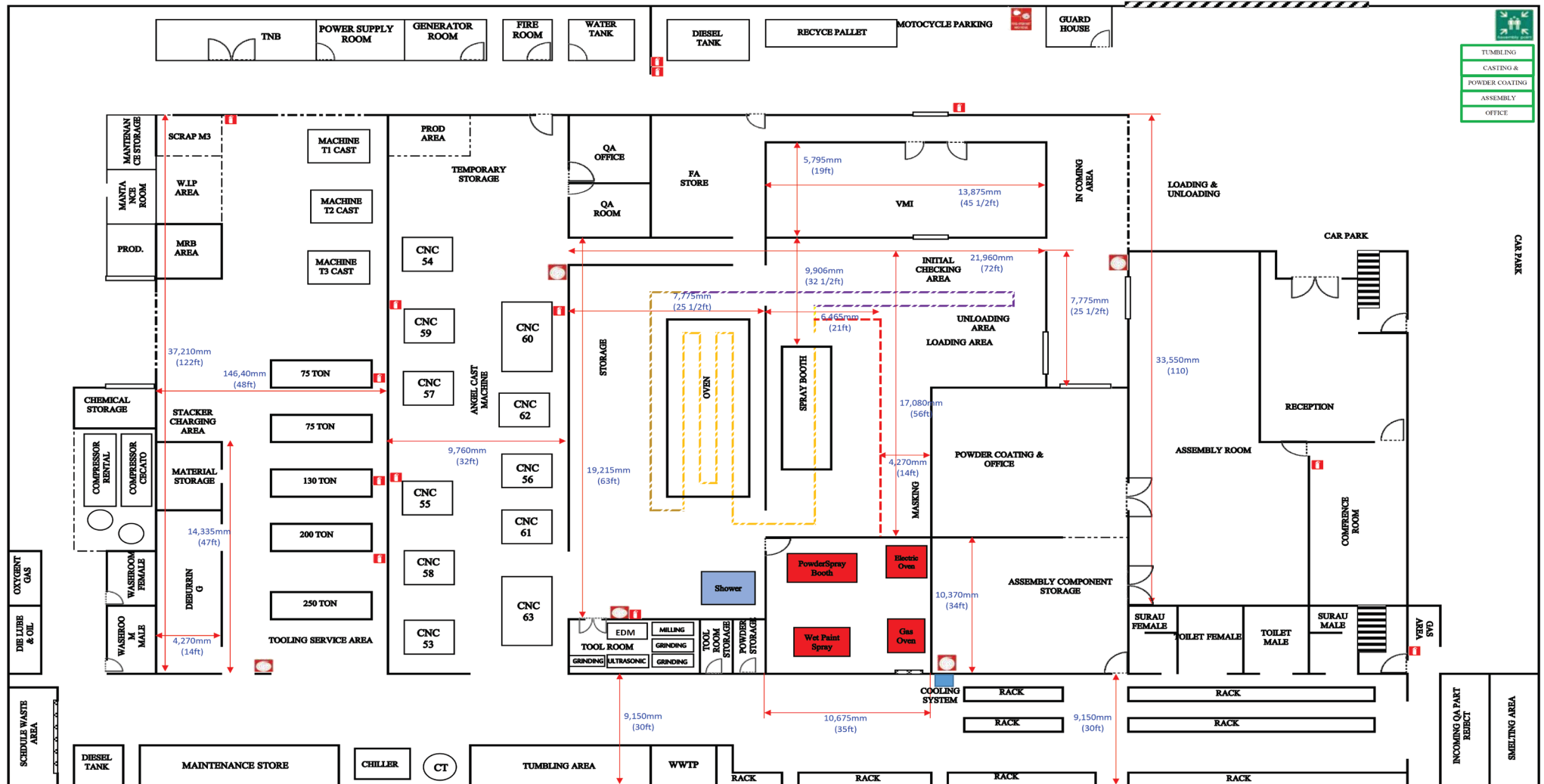


STX PRECISION JB LAYOUT PLANT 2



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STX PRECISION JB LAYOUT PLAN 3



STX PRECISION (JB) SDN BHD STRUCTURE



STG CO. LTD

**STX Precision (JB)
Sdn Bhd
(100%)**



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STX COMPANY LOCATION MAP

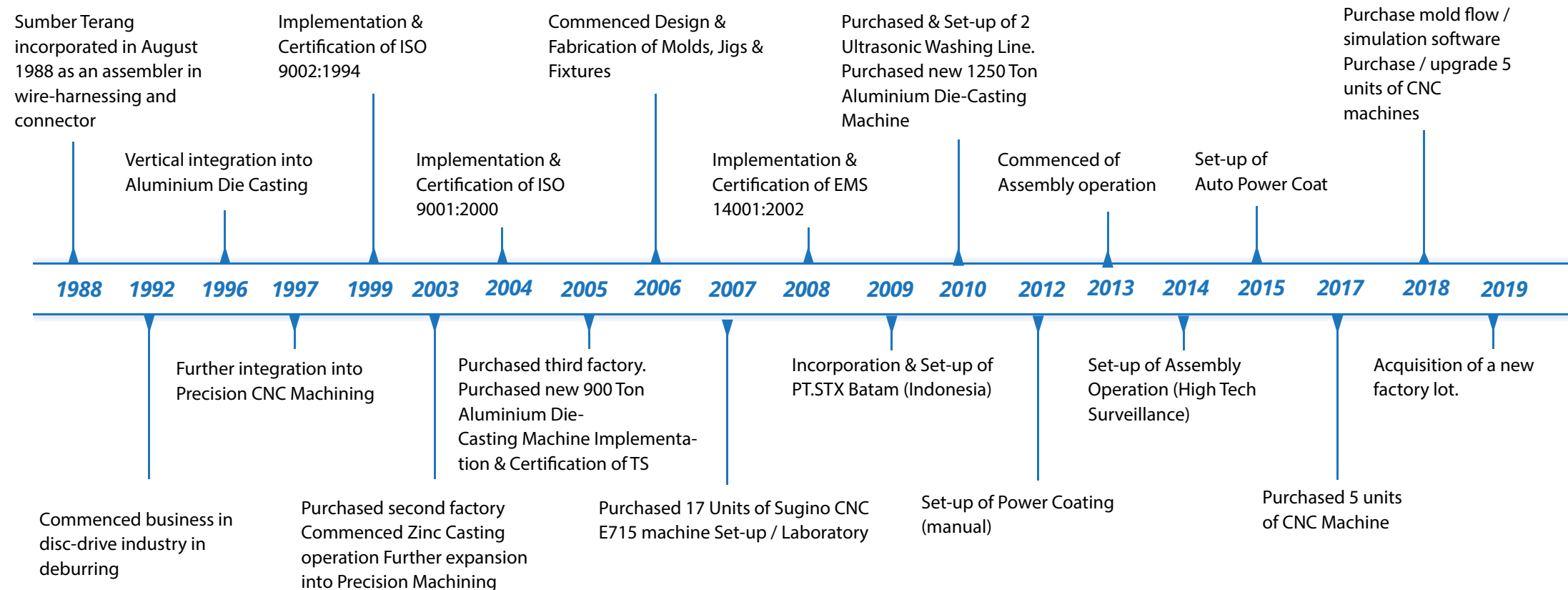


Latitude:1.540468 , Longitude: 103.787944





HISTORY TIMELINE (1988–2019)





ROADMAP

- ◆ Acquisition of JB3 Plant
- ◆ Set-up assembly operations
- ◆ Tool room machineries upgrade

2012 / 2013

- ◆ Purchase vacuum casting system
- ◆ Upgrading casting/CNC machining centers

2015

- ◆ Purchase mold flow/simulation software
- ◆ Purchase/upgrade 5 units of CNC machines

2018

2014

- ◆ Setup powder coating lines
- ◆ Expansions of Batam2 Plant
- ◆ Purchase 800T casting machine & CNC machines for Batam

2017

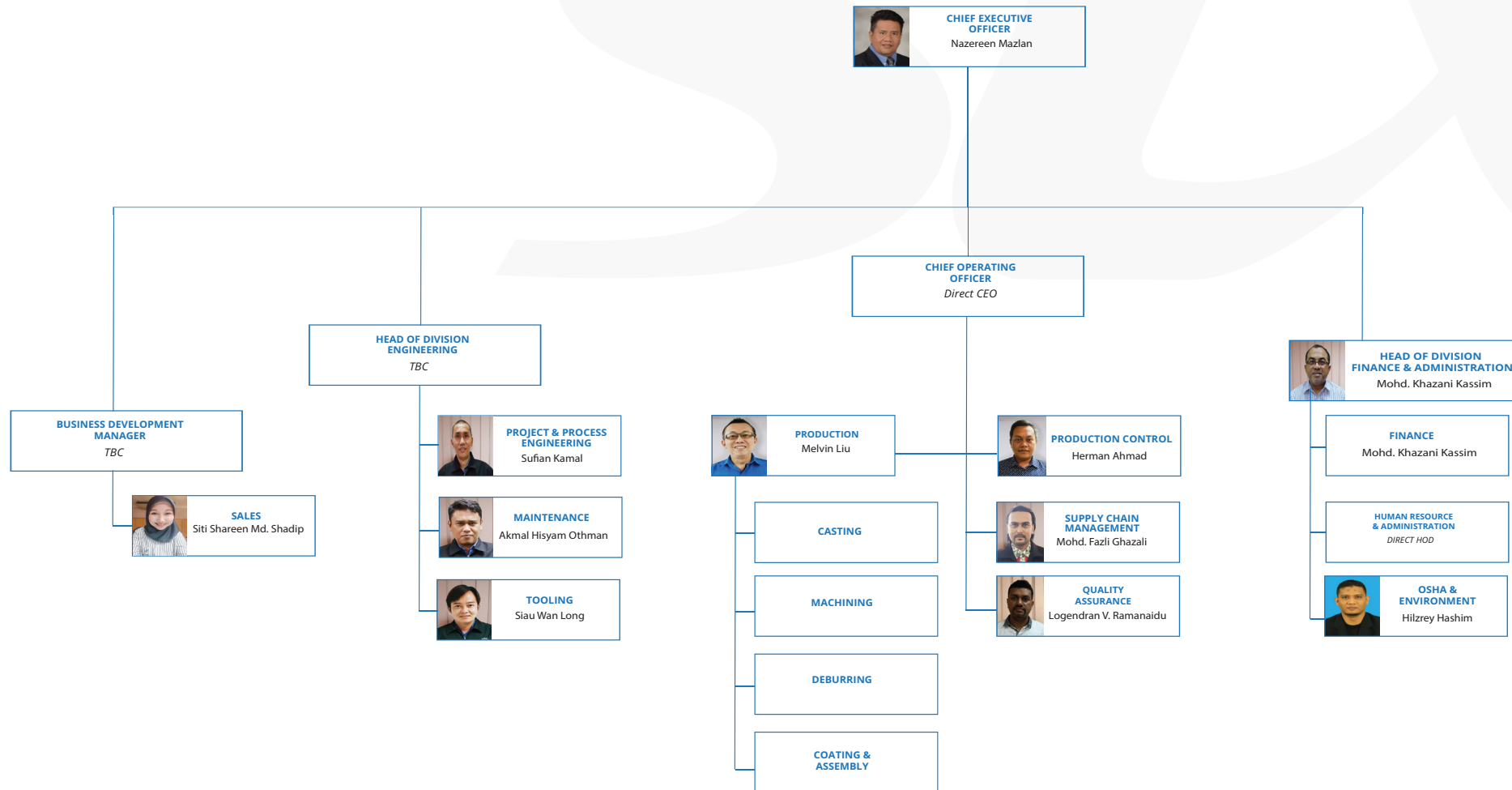
- ◆ Purchase/upgrade 5 units of CNC machines

2020

- ◆ Relocation of STX 1, 2 & 3



MANAGEMENT TEAM



MANAGEMENT TEAM PROFILES



Chief Executive Officer **Nazereen Mazlan**

- ◆ > 15 years in leading and managing MNC & GLC with manufacturing facility in Malaysia.
- ◆ > Proven track record in Sales & Marketing including managerial capacity for local and Asia region in Automotive, Military, Medical, Oil & Gas, Electronic, Aerospace, FMCG and Telecommunication industries.
- ◆ Obtained Degree in Mechanical Engineering from Gifu University, Japan. Having in-depth experience in 6 Sigma, Lean Manufacturing and ISO 9001 & 14001 Quality System.

Organizational Method / Special Project Director

Mohd Khazani Kassim

- ◆ Started career since 1998
- ◆ > 20 year of Managerial role & leadership consultancy. Certified in Management course by Lawrence Walter NG,
- ◆ Malaysia Institute of Accountants, Malaysia Institute of Management (MIM), Ernst and Young, Frank Covey and Companies Commission of Malaysia (SSM) & Malaysian Institute of Chartered Secretaries and Administrators (MAICSA).

Senior Operation Manager **Melvin Liu**

- ◆ > 15 years in metal fabrication industry and served in the company since 2006.
- ◆ Establishes and monitors production performances for scheduling, production quality and safety standards.



PROJECT MANAGEMENT CYCLE



01.
Customer
Input

3D Concept
Concept Sketch
Initial Layout

02.
Design
Development

Planning Layout
Design Feasibility
2D & 3D Modeling

03.
Design
Verification

Flow Simulation
DV Test

04.
Product
Validation

Production Drawing
Approval Drawing

05. Mass
Production

Software: AUTOCAD for 2D Design & QuickCast for Flow Simulation



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RANGE OF EQUIPMENT

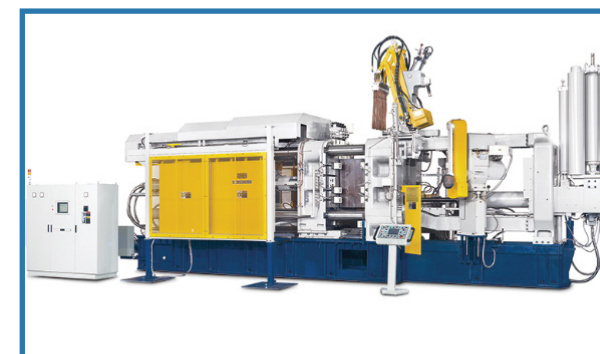
Aluminium Die-Casting Machines

(Total - 19 units)

• UBE Machine 350T	3 units
• UBE Machine 250T	2 units
• Toshiba Machine 500T	1 unit
• Toshiba Machine 350T	5 units
• Toshiba Machine 250T	1 unit
• Toshiba Machine 135T	2 units
• ZLC Machine 800T	1 unit
• Zitai Machine 900T	1 unit
• Zitai Machine 1250T	1 unit
• UBE Machine 500T	1 unit
• Zhenli Machine 500T	1 unit



Zinc Die Casting Producer 250T



Aluminium Die Casting Zitai Machine 1250T

Trimming Machines

(Total - 17 units)

• Trimming Machine 20T	15 units
• Trimming Machine 30T	2 units

Zinc Die-Casting Machines

(Total - 8units)

• Angle Cast 20 T	3 units
• Producer 75 T	2 units
• Producer 130T	1 unit
• Producer 200T	1 unit
• Producer 250T	1 unit



RANGE OF EQUIPMENT

Mold, Tool & Die Machines

(Total - 27 units)

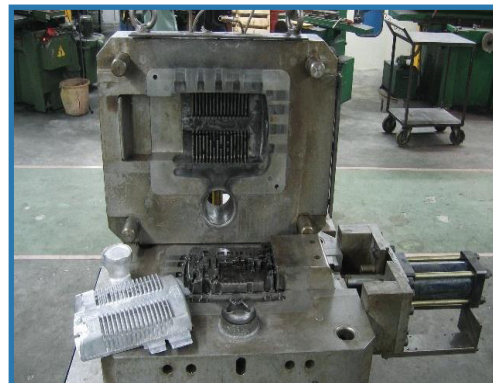
•Twinhorn CNC Machining Center VQ-1300	1 unit
• Makino CNC Machining Center S33 -A20	1 unit
•YCM CNC Machining Center NSV-102A	1 unit
• Makino CNC EDM EDNC -2	1 unit
• Makino CNC EDM EDNC 65	1 unit
• Topma EDM Precision Spark Erosion Machine T-430	1 unit
• Ichi Seiki Ard Spark Machine	1 unit
• Wire Electrical Discharge Machine DUO64	1 unit
• Ichi Seiki Drilling EDM SK -3020NA	1 unit
• Kent Surface Grinding Machine KGS-510AHD	1 unit
• Joen Lih Grinding Machine Surface Grinder JL-618	1 unit
• Joen Lih Grinding Machine Surface Grinder JL-618SA	1 unit
• Dowell Surface Grinding Machine Model : 618	1 unit
• Ichi Seiki Surface Grinding Machine HF 618	1 unit
• Tone Fan Radial Drilling Machine TF-1100	1 unit
• Manford Vertical Milling Machine	2 units
• Ichi Seiki Vertical Milling Machine SHCM-97VS	1 unit
• Ichi Seiki Vertical Milling Machine MDV-30	1 unit
• Ichi Seiki Vertical Milling Machine MDV-4.5	1 unit
• Gentiger Vertical Milling Machine SHCM-97VS (5HP)	1 unit
• Samson Vertical Milling Machine S-3A	2 units
• Ichi Seiki Lathe 430 x 1000	1 unit
• Charless Lathe CH-430X1000	1 unit
• Chin Hung Lathe CH-430X1000	1 unit
• HBS Laser Marking	1 unit



Bearing Flange



Straight Base



Housing Modem



Frame



RANGE OF EQUIPMENT

Precision CNC Machines

(Total - 53 units)

• Fanuc Robodrill a-D21LiB	12 units	• Ares Seiki R4530	1 unit	1 unit
• Fanuc Robodrill a-D21MiB	3 units	• Top Well TW-400HV	1 unit	
• Etech EL-1166	5 units	• Akira SL40MC		1 unit
• Kiwawi Howa	4 units	• Akira SL25		1 unit
• Brother TC-217	1 unit	• Famco HL-25N		2 units
• Akira Seiki S-500	4 units	• Mazak OT-10		1 unit
• Akira Seiki RMV-500T	1 unit	• Kasuga T700 Batam	1 unit	
• Akira Seiki SR3	2 units	• Akira Seiki A-500 T Batam		1 unit
• Akira Seiki V2.5 XP	6 units	• Brother TC 312N Batam		1 unit
• Akira Seiki V5 XP	2 units			
• Akira Seiki S V5.5	1 unit			
• Akira Seiki V5.5 XP	2 units			





RANGE OF EQUIPMENT

Secondary Process Equipment

(Total - 16 units)

- | | |
|---------------------------|---------|
| • Rosler Tumbling Machine | 9 units |
| • Shot Blasting Machine | 2 units |
| • Sand Blasting Machine | 3 units |
| • Robortic Arm Deburred | 1 unit |
| • Box Oven | 1 unit |

Washing Line

(Total - 2 units)

- | | |
|------------------------|--------|
| • DI Ultrasonic | 1 unit |
| • Auto Washing Machine | 1 unit |

Powder Coat Equipment

(Total - 3 units)

- | | |
|-----------------------------|---------|
| • Auto Conveyor Curing Oven | 1 unit |
| • Box Oven | 2 units |



Powder Coating Cartridge Booth



Conveyor Powder Coat



DI Ultrasonic Washing Line



Packaging Area



Assembly Line



Conventional Drilling & Milling



PRECISION MEASURING EQUIPMENT LIST



CMM Machine

- | | |
|-----------------------------|---------|
| • Mitutoyo | 2 units |
| • Aberlink | 1 unit |
| • Hexagon (Brown and Sharp) | 3 units |

Profile Projector

- | | |
|-------------|--------|
| • Mitutoyo | 1 unit |
| • Deltronic | 1 unit |

Spectrometer (Spark Emulsion)

- | | |
|------------|--------|
| • Shimadzu | 1 unit |
|------------|--------|

Video Measuring Scope

- | | |
|---------------|--------|
| • View Master | 1 unit |
|---------------|--------|

Others

- | | |
|-------------------------|--------|
| • Digital High Gauge | 1 unit |
| • Digital Micrometer | 1 unit |
| • Pin Gauges | 1 unit |
| • Block Gauges | 1 unit |
| • Digital Caliper | 1 unit |
| • Granite Surface Plate | 1 unit |



CMM Machine



Spectrometer (Spark Emulsion)



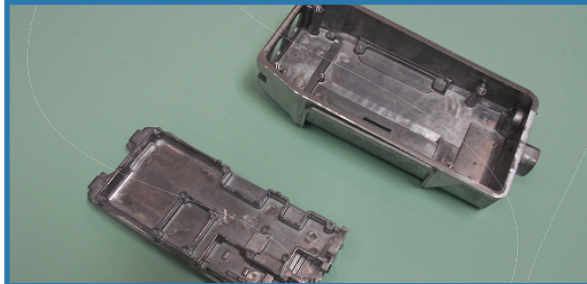
Profile Projector



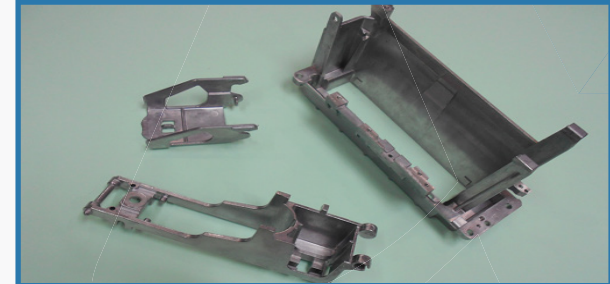
PRODUCTS – NON AUTOMOTIVE



Camera Housing
Surveillance Components



Upper Shell & Chasis
Telecommunication Components



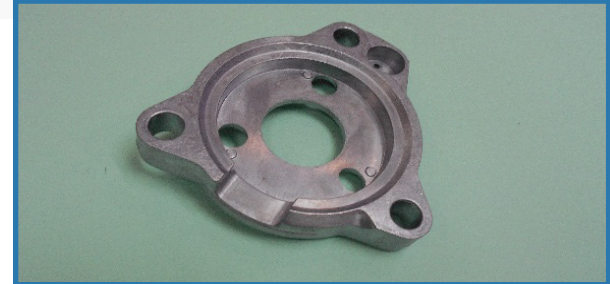
Pen Pocket Integrated
Industrial Components



Drive Roller Support
Industrial Components



Deck Plate
Electrical Component



Draifuss
Measurement Technology



Rotor Inner & Outer
Medical Equipment



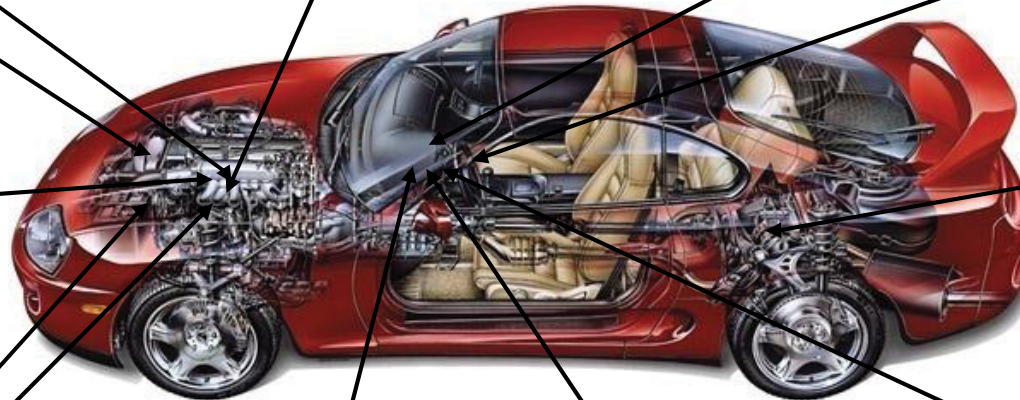
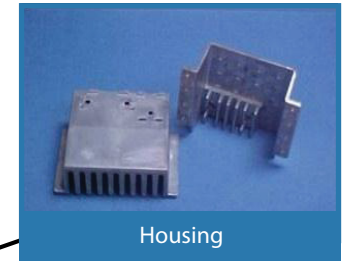
Before
Assembly

After
Assembly



Surface Finishing and Treatment

PRODUCTS – AUTOMOTIVE



OVERVIEW

Date of Corporation
Business Nature

: Aug 1988
: Manufacture and Sale Aluminium and Zinc Die Casting,
Precision CNC Machining, Powder Coating & Assembly of Parts and
Components Design & Fabrication of Molds, Jigs & Fixtures.

Workforce

: 455 persons



QUALITY CERTIFICATION



STXJB - ISO 14001: 2015

Certificate No:

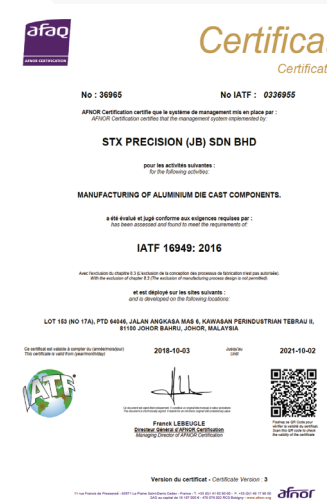
QA-D/MYS/14001/0066



STXJB - ISO 9001: 2015

Certificate No:

N°2010/36966.3



STXJB - IATF 16949 : 2016

Certificate No:

36965



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CUSTOMERS

We continuously expand our footprint through sustainable supply to world renowned multinational customers. Our broad regional presence ensures we are always available for our customers



Malaysia, Portugal, Germany & Romania



Sweden



China & Singapore



USA



Spain & Singapore



Singapore & Switzerland



Switzerland



Switzerland



Ireland & Singapore



Pulau Batam, Indonesia



Pulau Batam, Indonesia



Pulau Batam, Indonesia



San Jose, United States



Singapore



Selangor, Malaysia



Tampoi, Malaysia



Senai, Malaysia



Senai, Malaysia



Penang, Malaysia



Selangor, Malaysia



Malaysia & Mexico



Singapore



Poland, Netherland & USA



Thailand



Pulau Batam, Indonesia



Pulau Batam, Indonesia



Penang, Malaysia



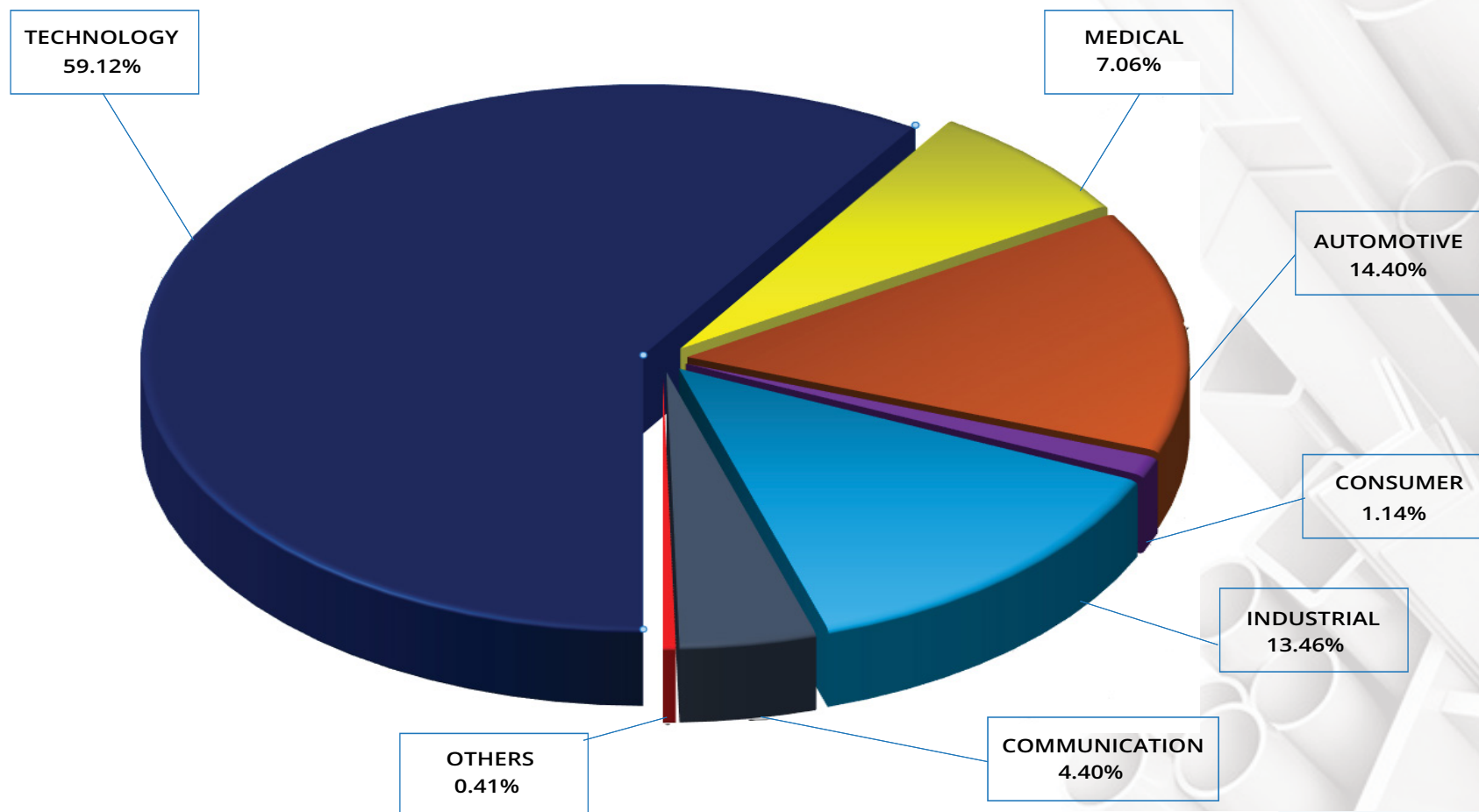
Singapore

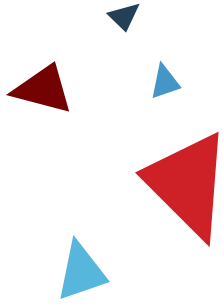




INDUSTRIES SEGMENT SALES 2020

Serving wide range of industries to weather cyclical economy impact





THANK YOU

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**STX PRECISION (JB)
SDN BHD**