



Company Profile

Commitment | Integrity | Excellence

Presented by Forensic Services Malaysia

About Us



Established in 1986, Forensic Services (M) Sdn Bhd [Company No. 198601007340 (156528-W)] is a leading independent forensic investigation company specializing in fires, explosions, and engineering failures across Asia. Our mission is rooted in commitment, integrity, and excellence, driven by a clear purpose: *uncovering the truth and delivering clarity* in every investigation we undertake.

With more than 6,000 in-house case histories, our multidisciplinary team of forensic consultants provides comprehensive expertise in fire and explosion investigation, electrical and mechanical failure analysis, metallurgical analysis, damage assessment, vehicular collision reconstruction, and risk assessment. We combine deep industry knowledge with scientific rigor to support insurers, legal professionals, and industrial clients across the region.

Our capabilities are strengthened through continuous investment in technology and people. The forensic laboratory is equipped with advanced metallurgical instrumentation, gas chromatography systems, 3D imaging technology, and drone-assisted documentation tools, enabling first time right investigations.

At Forensic Services, we are committed to delivering accurate and actionable insights, empowering stakeholders to make informed decisions when it matters most.



Our Services

Commitment | Integrity | Excellence

- 1 Root Cause Investigation
- 2 Damage Assessment
- 3 Vehicular Collision Investigation
- 4 Accredited Laboratory Services
- 5 Risk Assessment



Fire & Explosion Investigation

Origin and Cause, On-site Examination,
Desktop Review

[Back to Services List](#)





Mechanical Failure Investigation

Maritime, Land, High Hazard Industries

[Back to Services List](#)



Metallurgical Analysis



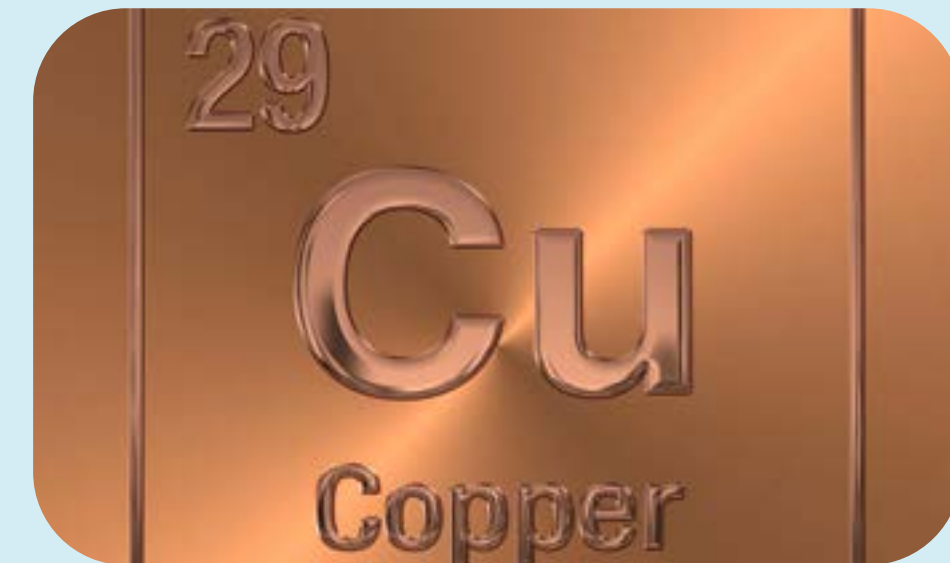
Fractography

Fracture surface examination



Chemical Composition Analysis

Comparative verification



Microstructural Examination

Micron and electron level

[Back to Services List](#)

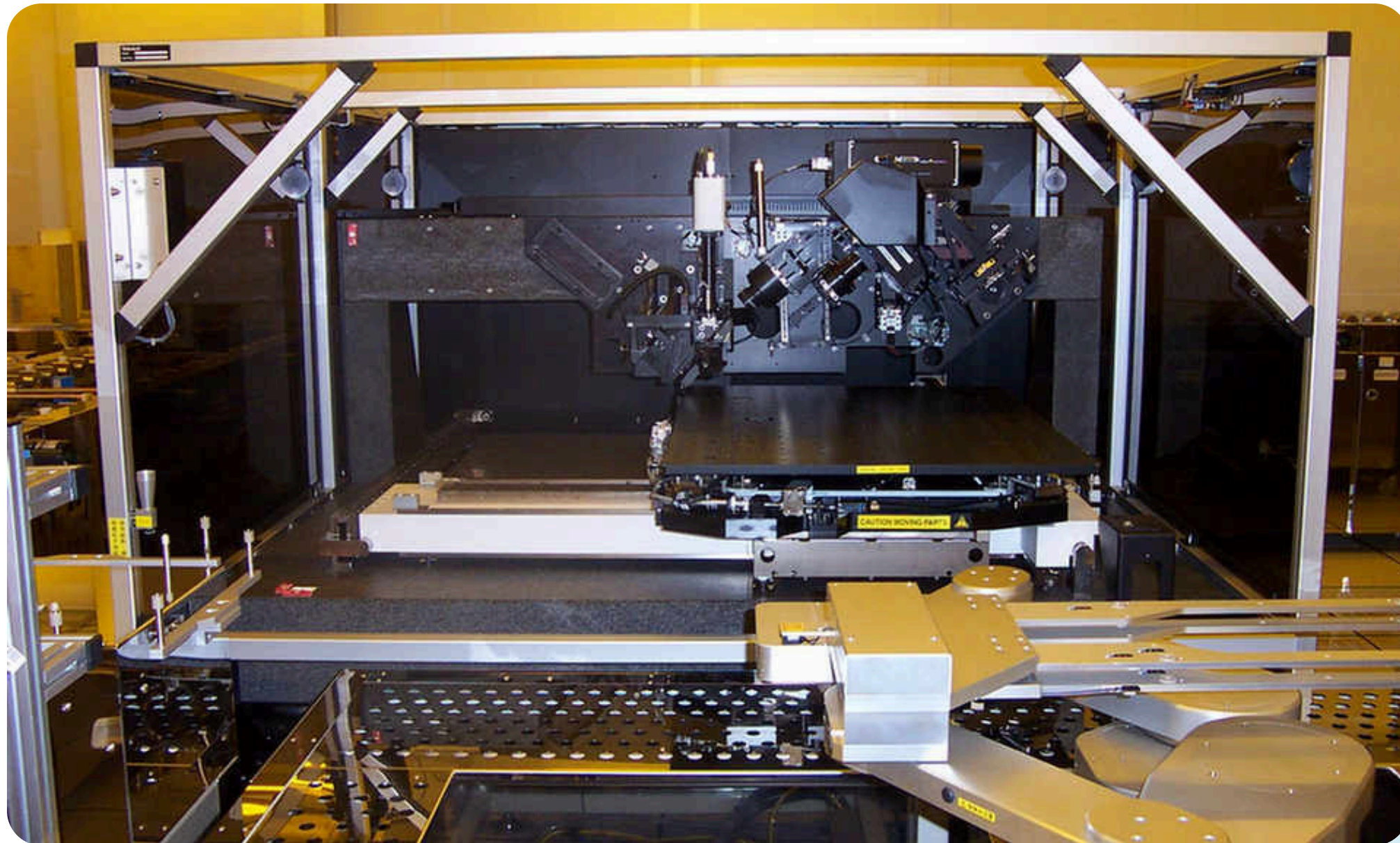
Electrical Failure Investigation

Solar farm, data centre,
wind turbine, transformer,
switchgear, furnace, tank

*Arcing, earth fault, lightning,
operator error, poor workmanship,
manufacturing defects*

[Back to Services List](#)





Non-Marine Damage Assessment

**Furnace, Pressure Vessel, Crane,
Reactor, Generator, Chiller,
Wind Turbine, Industrial Pipes,
Boiler Tubes, Lift, Escalator,
Poultry Farm, Sawmill, Racking**



*Windstorm, Lightning Strike, Flood,
Theft, Vandalism, Fire, Smoke,
Explosion, Falling*

[Back to Services List](#)

Marine Damage Assessment

**Steel Coils, Precision Machine,
Goods in Transit, Dangerous
Goods, Cargoes, Chemical
Drums, Containers, Reefers,
Bulk Carriers, Tankers.**

*Inherent Vice, Collision, Improper Cargo
Handling, Fire, Wetting, Leaking,
Contamination, Corrosion, Poor Stowage,
Insufficient Lashing/Securing*

[Back to Services List](#)

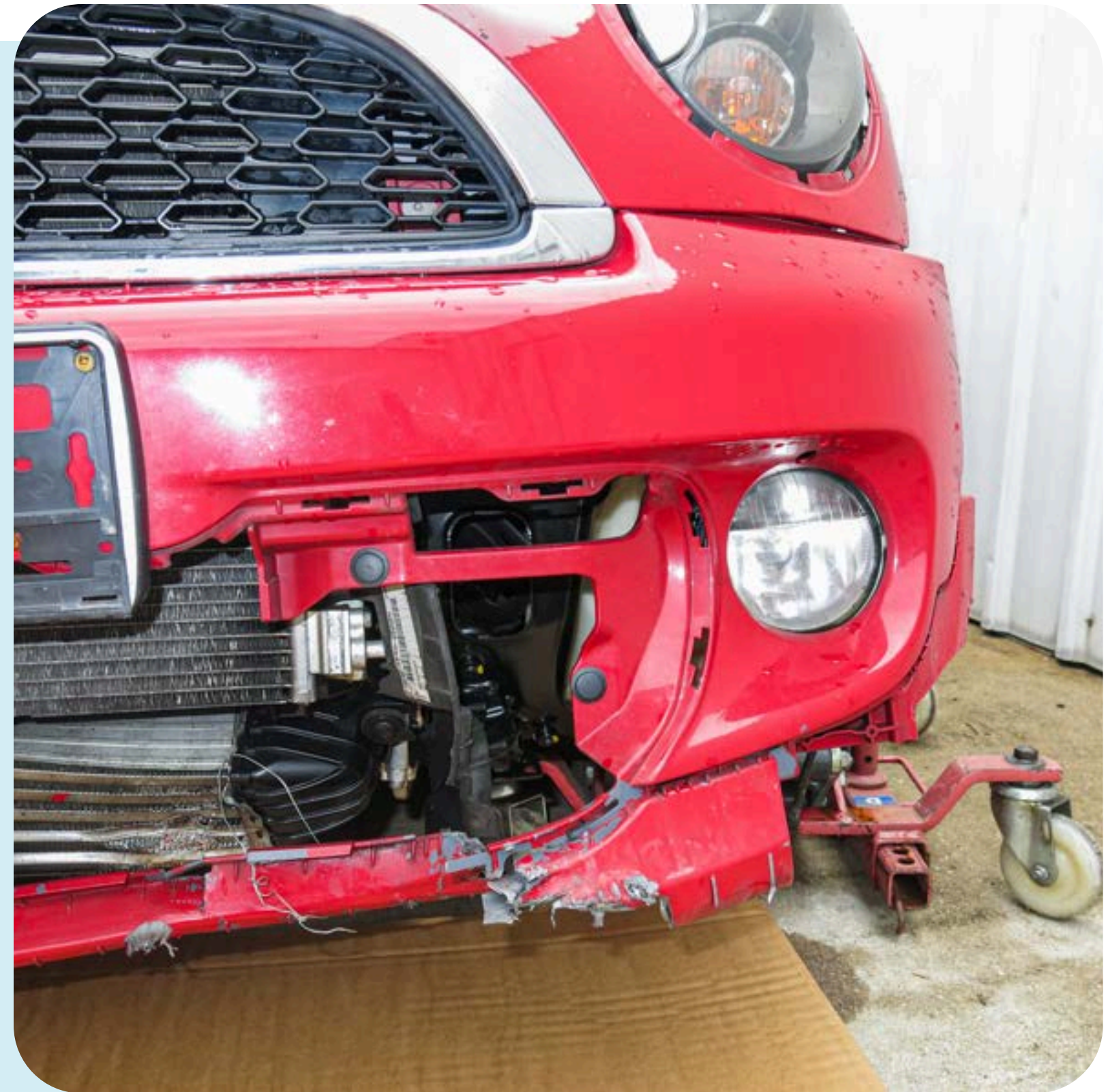




Vehicular Collision Investigation

Scene Reconstruction, Damage Consistency, Computer Simulation, Paint Flake Analysis, Verification of Chassis Number, Engine Failure

[Back to Services List](#)



Virtual CRASH 6
Accident Reconstruction Software



Laboratory Services



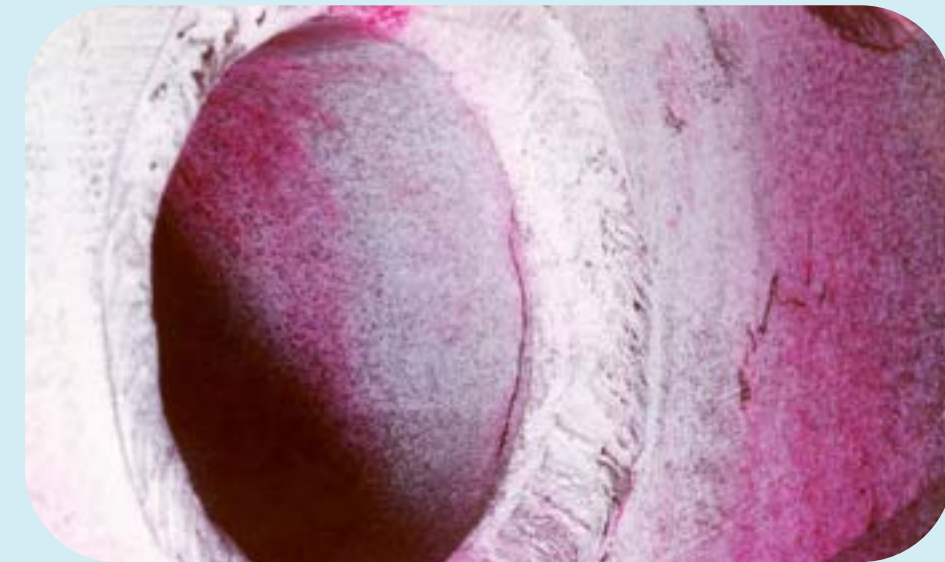
Microscopy

Visual and Microscopic
Examination



Fire Debris Analysis

Ignitable Liquid Residues
Determination



Non-Destructive Test

Dye Penetrant and Magnetic
Particle Crack Detection

[Back to Services List](#)



In-House ISO* Accredited Laboratory

Testing	Method
Fire debris	ASTM E 1412-19 Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Activated Charcoal
	ASTM E 1618-19 Standard Test Method for Ignitable Liquid Residues in Extracts from Fire Debris samples by Gas Chromatography-Mass Spectrometry
Ferrous materials <ul style="list-style-type: none"> • Carbon Steels • Low Alloy Steels • Austenitic Stainless Steels Non-ferrous materials <ul style="list-style-type: none"> • Copper and Copper Alloy 	ASTM E3-11 (Reapproved 2017) Standard Guide for Preparation of Metallographic Specimens
	ASTM E3-11 (Reapproved 2017) Standard Guide for Preparation of Metallographic Specimens
	American Society for Metals (ASM) Handbook Volume 9: Metallography and Microstructures; 9th Edition, 1989.

*MS ISO/IEC 17025:2017

Risk Assessment

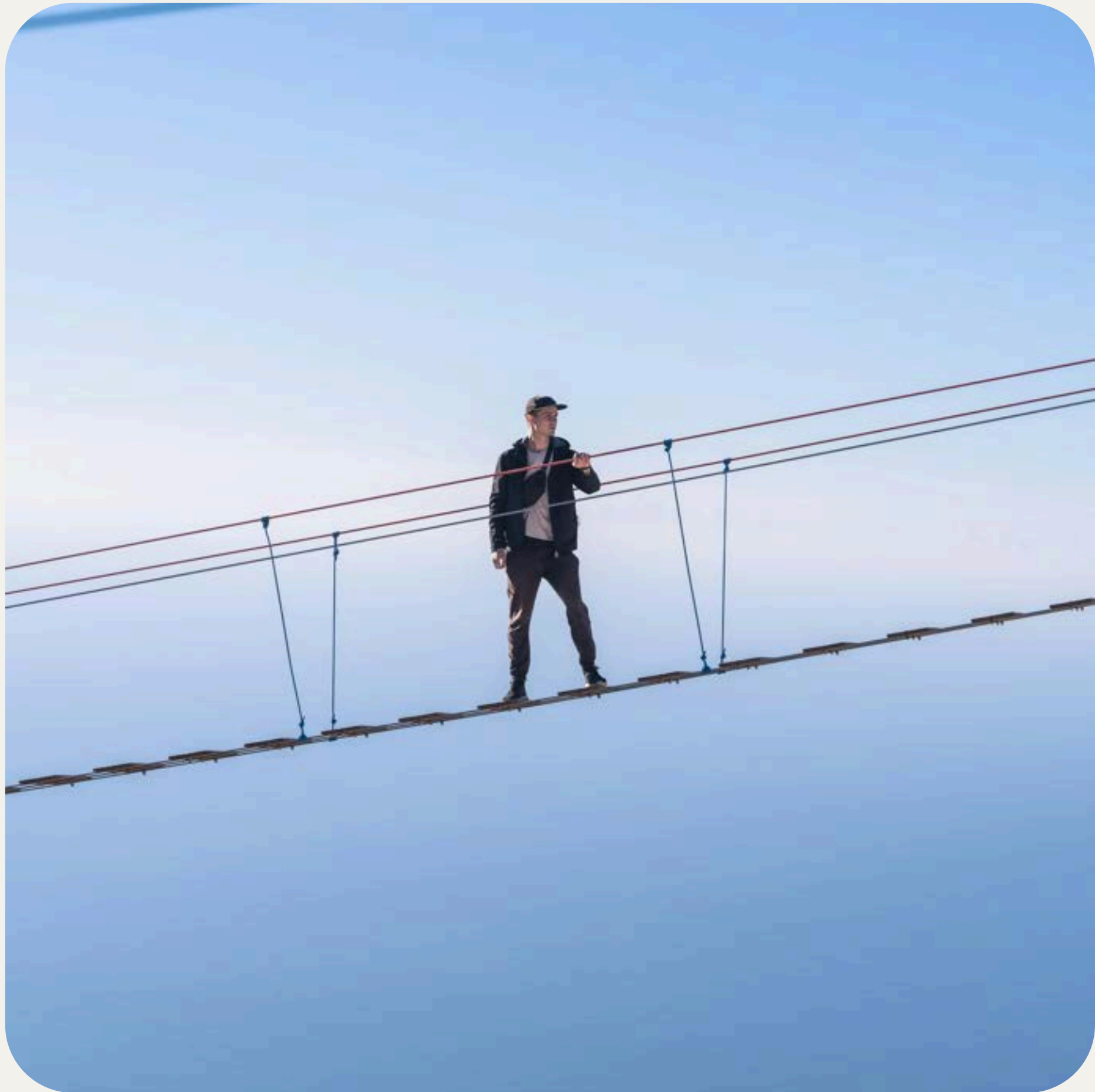
Infrared Thermography Screening
Electrical Failure Evaluation

Mechanical Failure Evaluation
Process Safety Assessment

Material Integrity and Condition Assessment
Preventive Maintenance Planning

Occupational Safety and Health Check
Fire & Explosion Risk Assessment

[Back to Services List](#)



Drone

Unmanned Aerial Vehicle (UAV)

Deployed for aerial survey of large & complex sites and tall establishment.

*Fire & Explosion Site Examination,
Cranes Inspection,
High-rise Building Inspection,
High-Hazard Processing Facilities Examination*



[Back to Services List](#)



Infrared Thermography Device

Non-invasive imaging techniques to visualise the emittance of thermal energy from objects.

Deployed for commercial and industrial establishment inspection.

Electrical system monitoring - Signs of overheating
Building inspection - Presence of moisture
Machine condition monitoring - Abnormal heat pattern

[Back to Services List](#)



Computer Simulation

Scene Reconstruction using physics-based module to achieve momentum-based collision analysis.

Multi-vehicle and articulated transport collisions

Motorcycle dynamics and rider kinematics

Pedestrian and cyclist impacts

[Back to Services List](#)



Court Experiences



Expertise

Experienced subject matter experts for courtroom testimony



Accuracy

Precise and reliable findings to support legal team



Credibility

Evidence-based reports which are admissible in court

[Back to Services List](#)



Industries Served

We are renowned to have assessed the damage and investigated fires and failures for the stakeholders in the Asia region.

- | | | | |
|---|---------------------|---|--|
| I | for Insurance | R | for Reinsurance |
| P | for Power & Utility | A | for Automotive |
| O | for Oil and Gas | M | for Marine/Maritime |
| L | for Legal | * | All other industries such as Construction, Manufacturing, Chemicals, etc |



#1

Pioneering forensic
service provider in
Malaysia

40 years

Established name in
the forensic services
industry

> 6,000

Cases
investigated



Our Presence

We delivered our forensic services not only to the ASEAN countries such as Malaysia, Singapore, Indonesia, Vietnam, Philippines, and Thailand, we also served the clients from Japan, South Korea, Australia, and USA.





Contact Us

Your most trusted forensic services provider.
Uncovering the truth, delivering clarity.

Forensic Services (M) Sdn Bhd
12A, Jalan Mesra, 55000 Kuala Lumpur, Malaysia
Office Tel: +603 2145 2022 | Hotline: +60 16 228 7245

Email: office@forensic.cc

[Follow on LinkedIn](#)

[Follow on Facebook](#)

[Visit our website](#)



Business Development Manager - ASEAN Region

Chew Wan Chyn (Ms)

MSc Fire Safety Engineering, BSc (Hons) Forensic Science

Fire Risk Assessor (IFEM)

Certified Fire and Explosion Investigator (NAFI/IAFI)

AIFireE, MIAAI, IAAI-FIT, OIM-MARIM, MMIC

wanchyn@forensic.cc | +60 17 721 8556

Forensic Services (M) Sdn Bhd

12A, Jalan Mesra, 55000 Kuala Lumpur, Malaysia

Office Tel: +603 2145 2022 | Hotline: +60 16 228 7245

