



I4TAP


Industry 4.0 Technology Acceleration Programme

I4TAP, powered by MIMOS technologies, accelerates Industry 4.0 adoption among Malaysian SME manufacturers through cost-effective, flexible, and reliable solutions.

By integrating siloed data, connecting smart machines and factories, and enabling intelligent automation, I4TAP enhances operational efficiency, workforce capability, and productivity.

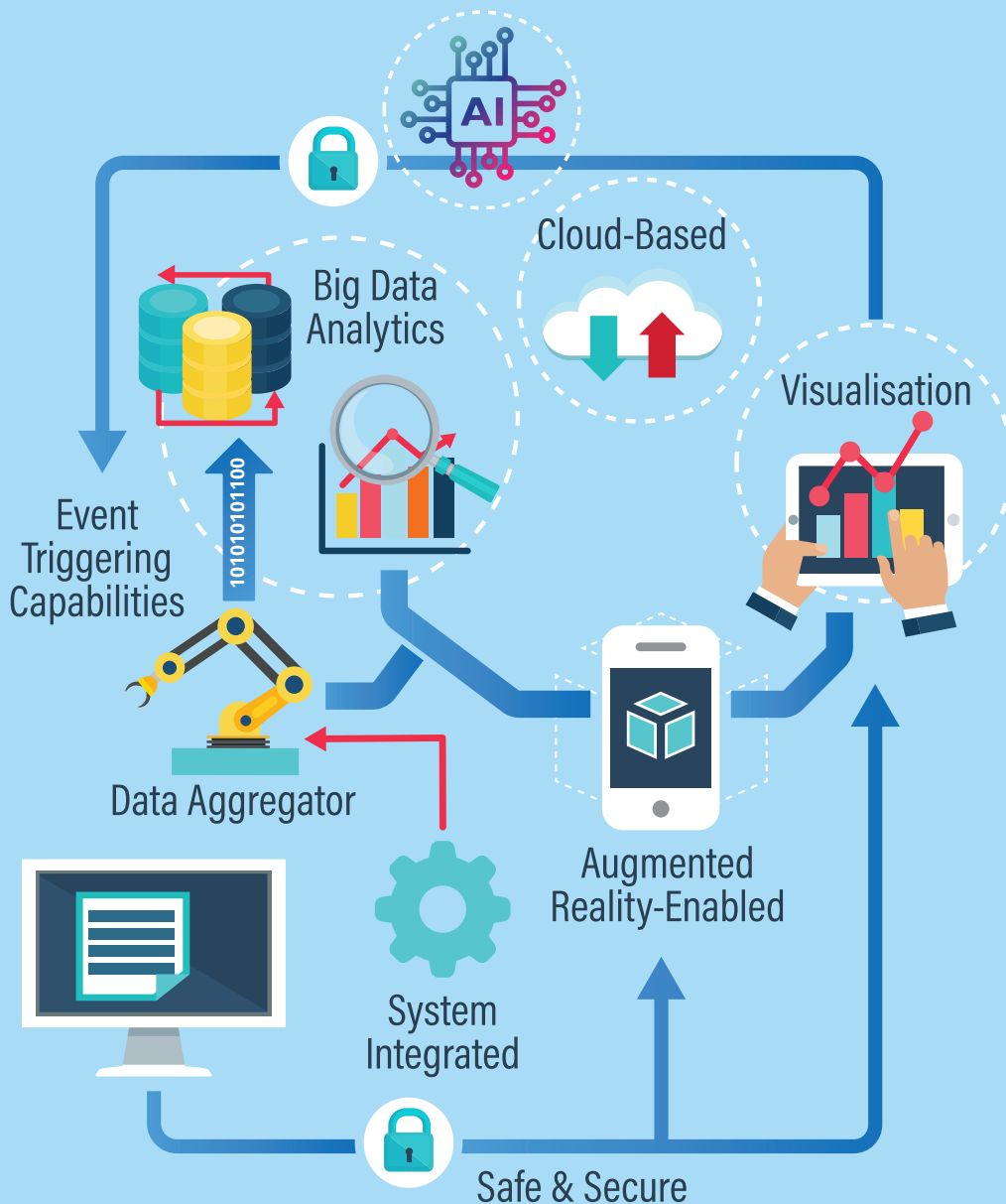
IMPACT

1. **Cost saving** – With energy planning and optimisation, companies can save up to 15% on electricity bill
2. **Reduced wastage** – Improved production control with optimum use of raw material; efficient production scheduling and intelligent progress tracking
3. **Reduced production loss** – Real time tracking and monitoring of equipment improves production performance
4. **Enhanced quality control** – In food production, digital maintenance of temperature control for processing room results in higher quality products
5. **More efficient production cycle** – Big Data Analytics reduce time taken for assembling, testing, verification and manufacturing movement
6. **More accurate machine troubleshooting** – Augmented Reality provides real-time visibility of machine problems for debugging and maintenance.



I4TAP transforms traditional SME manufacturing into future-ready, digitally empowered enterprises.

I4TAP: Enabling Smart Decisions and Smarter Machines



Key Capabilities



Real-Time Monitoring:
AI and IoT integration enable continuous, real-time data updates, allowing users to monitor operations from anywhere, at any time.



Smart Data Visualization & Decision Support
The system tracks, analyzes, and visually presents key sensor data to support informed, data-driven decision-making-enhancing operational transparency and responsiveness.



Context-Aware Industrial Environments
Responsive to human and machine behaviors, environmental conditions, and operational needs-delivering intelligent services aligned with business objectives.



Interoperability & Scalability
MIMOS technologies are designed to be compatible with third-party platforms, enabling a wide range of services and seamless integration across diverse industrial ecosystems.