INDUSTRIAL SOLUTIONS



TAILOR-MADE SOLUTIONS FOR YOUR GROWTH BACKED-BY OUR

ONE-MAN ARMY SYSTEM

INNOVATIONS

EFFECIENCY

RELIABILITY

Who are we?

HG Industrial Solutions is **Malaysia premium System Developer** of bespoke technology solutions—crafting sophisticated software and hardware ecosystems for **industrial excellence**, **enterprise digital transformation**, and the **future of intelligent operations**.

Helping businesses streamline processes, improve reliability and perform at their best.

Our "**One Man Army System**" leverages advanced AI to automate workflows, predict outcomes, and optimize operations.

in partnership with :

Microsoft Meta WhatsApp Copilot

ARE YOU FACING **THESE PROBLEMS?**



01

OPERATIONAL HURDLES

Siloed department, resistance to change, as well as disgruntled staff that bypassing protocols, resulting in inefficient workflows, exhaustion and delayed schedules



02

INSUFFICIENT PROCESSES

Traditional Manual operations slow down productivity and reduce competitiveness



03

BUSINESS GROWTH BOTTLENECK

Inadequate data insights leads to poor decision making



04

DISJOINTED SYSTEMS

lack of integrations between softwares and tools



05

LACK OF EFFECTIVE

Coordination Struggling with disorganized internal management and miscommunication



06

CYBERSECURITY THREAT

Worry about getting hacked and data breaches, as well as compliance issues



07

UNABLE TO SCALE

Growth is restricted by outdated IT infrastructure

Featured Industrial Solutions:

SPKA BOMBA by Litcom

Sistem Pengawasan Kebakaran Automatic

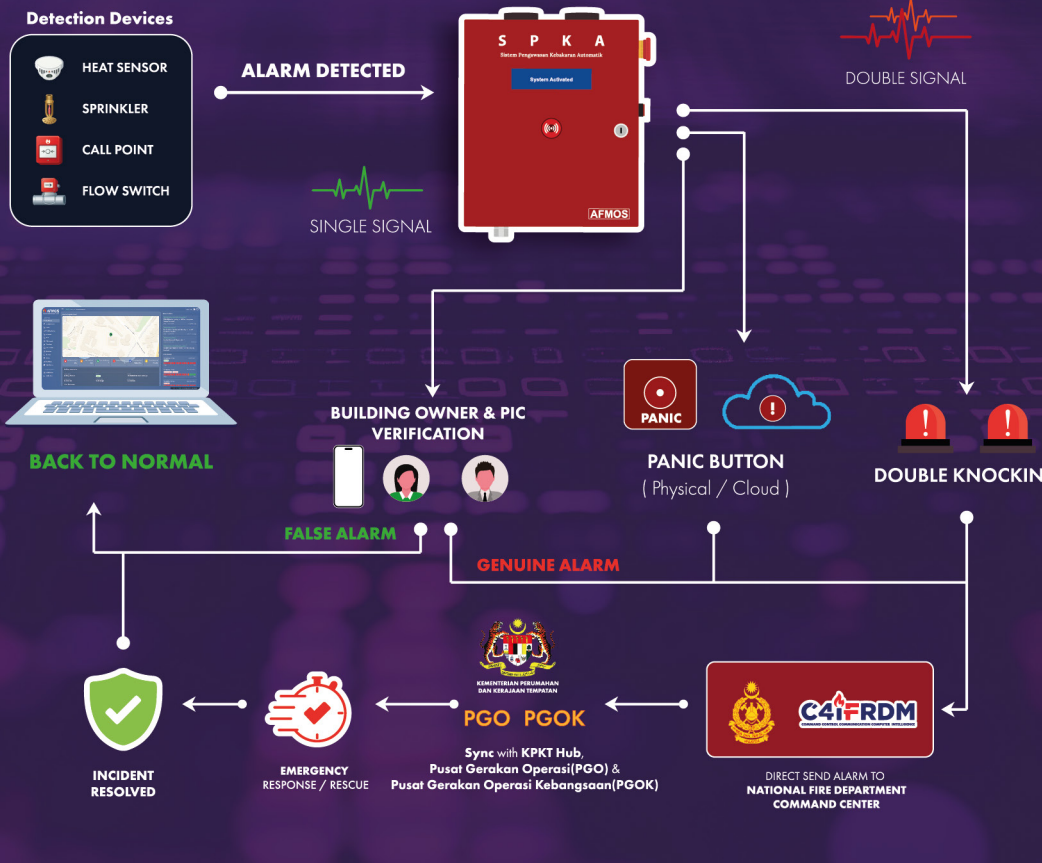
SAFETY IS BUILT IN

SPKA is one example of an **HGIS-developed** operational solution. It connects fire detection infrastructure with intelligent monitoring, verification workflows, emergency escalation, devicetelemetry, and incident traceability.

Our Strategic Partners :

KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN

LITCOM ENGINEERING SDN BHD



Featured Industrial Solutions:

EMARSS

Employee Medical Analysis Report Software System

Medical Leave Management Made Clearer

A secure, centralised way to manage medical leave across a large workforce.

Bring medical leave requests, supporting documents, approvals and return-to-work actions into one connected workflow.

THE SOLUTION PROVIDES

DIGITAL LEAVE REQUESTS

Employee submit medical leave and supporting documents securely.

MEDICAL CERTIFICATE MANAGEMENT

Store, verify and track certificates in one protected place.

STRUCTURED APPROVALS

Route request to managers and HR with clear status visibility.

EXTENDED LEAVE TRACKING

Monitor ongoing cases, follow-ups and return-to-work dates

WORKFORCE LEAVE INSIGHT

View adsence trends, team impact and pending actions in real time.

PAYROLL-READY RECORDS

Keep approved leave information accurate and ready for processing.

THE RESULT

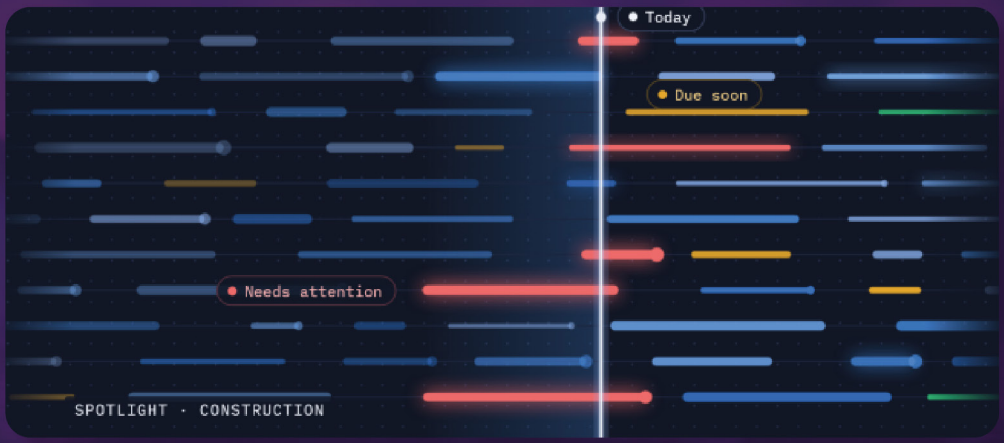
Faster processing. Better compliance. Clearer workforce visibility.

Featured Industrial Solutions:

G.R.I.D

General Resources & Infrastructure Dashboard

Every project. Every Deadline. Every ringit. In plain sight.



Project management that speaks fluent accounting.

G.R.I.D plugs straight into the books you already keep, so the work on side and the numbers in your accounts always tell the same story.

See the full picture. Act with confidence.

01 Deadline
Flagged before they're missed.

02 Debts
Clearer debt insight

03 Costs
Tracked against plan.

04 Retention
Brought home on time

PLUGS INTO SQL Account AutoCount

Featured Industrial Solutions:

ATLAS

Attendance, Time & Labor Automation System

CONNECTED HR
FROM HIRE TO INSIGHT

We helped a growing organisation bring its people processes, workforce data and approvals into on connected Human Resources Management environment.

1



RECRUIT & HIRE

Create vacancy • manage candidates • record interview decisions

2



ONBOARD EMPLOYEE

Create employee profile • collect documents • assign tasks and training

3



EMPLOYEE SELF-SERVICE

Update details • request leave • view records and policies

4



MANAGER WORKFLOW

Approve requests • manage shifts • review goals and performance

5



HR OPERATIONS

Maintain secure records • automate workflow • manage compliance

6



PAYROLL & FINANCE

Send approved leave, attendance and overtime data • calculate workforce costs

7



ANALYTICS & PLANNING

Track headcount • monitor trends • support workforce decision

THE SOLUTION DELIVERED



ONE SOURCE OF TRUTH

Centralised employee records, documents and workforce information in on esecure place.



STREAMLINED EVERYDAY WORK

Digital workflows for onboarding, leave, approvals, compliance and performance management.



CLEARER DECISIONS

Connected workforce data, payroll-ready information and real-time reporting for HR and leaders

Featured Industrial Solutions:

APEX

Academic Peer Evaluation & Exchange Platform

Great research deserves a better publishing experience.

Give authors clarity. Keep reviewers connected. Put editors in control.



ACADEMIC PEER REVIEW SYSTEM

Purpose-built for physics publications, our tailored platform brings manuscript submissions, reviewer coordination and editorial decisions into one connected workspace.

More clarity at every stage

SIMPLIFY SUBMISSIONS

Give authors an organised starting point for their manuscript

REVIEWER COORDINATION

Keep reviewer assignments and review progress in view.

SUPPORT EDITORIAL DECISIONS

Bring the publication workflor together for clearer oversight

YOUR EDITORIAL PROCESS. PRECISED SUPPORTED.

HGIS develops custom software around the way your organisation works, with thoughtful design and attentive service from discovery to ongoing support.

Featured Industrial Solutions:

INVENTRA

Warehouse & Inventory Management System

SMARTER STOCK. FASTER FULFILLMENT.

A connected solution for accurate inventory, efficient operations and real-time warehouse visiblity.



Bring every stock movement, warehouse task and fulfillment process into One Central System.

THE SOLUTION PROVIDED

REAL-TIME INVENTORY CONTROL

Track stock quantities, locations, batches and movements as they happen.

RECEIVING& PUT-AWAY

Verify incoming goods and assign the right storage location.

BARCODE, RFID & MOBILE SCANNING

Reduce manual errors when receiving, moving and dispatching stock.

PICKING & PACKING FLOW

Guide warehouse teams through fast, accurate order fulfillment.

STOCK TRANSFER & RETURNS

Manage movements between locations and handle returned items clearly.

DASHBOARDS & REPORTING

Monitor stock accuracy, fulfillment activity and warehouse performance.

Better stock accuracy.
Clearer warehouse control.

Featured Industrial Solutions:

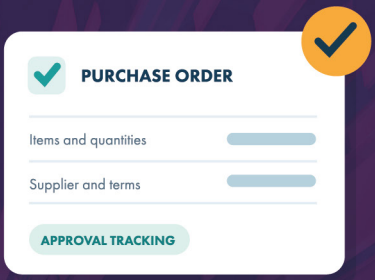
PRIME

Procurement, Requisition & Invoice Management Engine

SMARTER PURCHASING

CLEARER CONTROL.

Connect requests, suppliers and purchase orders in one platform.



A CONNECTED APPROACH TO EVERY PURCHASE

Manage approvals, supplier information and purchasing activity in one place.

01 REQUESTS & APPROVALS

Submit purchase requests and route them by department, value and purchasing policy.

02 SUPPLIERS & QUOTATIONS

Maintain supplier records and compare pricing, specifications, delivery times and commercial terms.

03 PURCHASE ORDER CONTROL

Create orders from approved requests. Track changes, confirmations and outstanding deliveries.

04 BUDGET VISIBILITY

Check available budgets and monitor committed spending to support informed purchasing decisions.

05 RECEIPT & INVOICE CHECKS

Record deliveries and match invoices with orders and receipts. Flag discrepancies before payment.

06 REPORTING & AUDIT TRAILS

Review spending, open orders and supplier performance, with a clear history of purchasing actions.

BUILT FOR BETTER PURCHASING

Less administration. Clearer spending. Better oversight.

CUSTOM DIGITAL SOLUTIONS
BUILT AROUND YOUR OPERATIONS

At HGIS, we design and develop customised digital solutions for organisations with unique operational needs. We do not force your team to adapt to generic software—we build systems around your workflow, people, devices, and business goals.

What We Build

- Custom web and mobile applications
- Operational workflow and approval systems
- Real-time monitoring dashboards
- Automation, alerts, and notification platforms
- IoT and hardware-connected solutions
- System integrations and centralised reporting
- AI-assisted operational tools

How We Work

1. Understand your operation
2. Understand your operation
3. Understand your operation
4. Understand your operation

WHAT THIS MEAN FOR YOUR ORGANISATION

Built for your workflow

Digital tools shaped around the way your people actually work.

One connected view

Bring systems, data, devices, and actions together.

Less manual work

Automate routine task, alerts, approvals, and reporting.

Ready to evolve

Add features and integrations as operational needs change.

FROM OPERATIONAL COMPLEXITY TO PRACTICAL DIGITAL SOLUTIONS

HGIS helps organisations turn real-world processes into reliable, connected digital





CUSTOMIZATION SOLUTIONS

No Two businesses are the same, your IT solutions shouldn't be either. Your visions deserves a solution as unique as your business. Tailored solutions amplify your strengths and solve your challenges.

OWNERSHIP

Full ownership & controls of the software

COST EFFECTIVE

High ROI fits for long terms needs

FLEXIBILITY

Fully adapable to align with unique workflow & business grow

SCALABILITY

Highly Scalable, designed to grow with your business

INTEGRATION

Seamless Integration with existing tools and systems

SUPPORT & UPDATE

Active support and timely update customized and prioritized based on your needs

We provide a comprehensive suite of services designed to revolutionize your business. From **AI-driven automation** and **cloud computing** to **customized solutions** and **robust cybersecurity**, we empower you to embrace the future with confidence.

INDUSTRIAL SOLUTIONS

TECHNOLOGY THAT WORKS FOR YOU

SOLUTIONS WITH PURPOSE.

We turn complex challenges into connected, scalable digital experiences for modern business.

DIGITAL TRANSFORMATION

Clearer workflows. Better decisions. Technology built around people.

SMART INTEGRATION

Systems that communicate, adapt and grow together.

FUTURE-READY SCALE

Built to perform today and ready for what comes next.

WHAT WE BELIEVE

The best technology feels less like a tool and more like progress.

LET'S BUILD WHAT'S NEXT.

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