MALAYSIA DATA CENTRE

MDC INTEGRATIONS

Building capability for critical digital infrastructure.

Malaysia-rooted. Built for a connected digital world.



MDC Integrations Sdn. Bhd.
Corporate profile | November 2026
Founding edition

01 COMPANY OVERVIEW

Connecting people and infrastructure

MDC Integrations is being established in Malaysia to develop workforce capability and deliver practical solutions for data centres and digital infrastructure.

Our proposed business brings technical learning, operational understanding and infrastructure integration into one connected proposition. We begin with workforce development, then expand into advisory and delivery as specialist teams and partnerships are established.

Our focus

Data centre technologies, critical operations, cloud infrastructure and the infrastructure requirements of artificial intelligence.

Our approach

Understand the operating environment, define the capability gap and build a scoped response with clear responsibilities and measurable deliverables.

Our ambition

Build a Malaysian company capable of serving regional clients through technical depth, dependable delivery and transparent commercial relationships.

Founding edition: MDC is a new venture. Service lines describe the proposed portfolio; delivery is subject to incorporation, team appointments and engagement readiness.

02 PURPOSE AND DIRECTION

Capability that supports continuity

Digital infrastructure performs through the decisions people make every day.

A data centre combines power, cooling, connectivity, computing, physical protection and operating procedures. MDC is designed around the relationships between these disciplines, helping clients connect technical knowledge with operational decisions.

Vision

To become a trusted Malaysian contributor to regional data centre capability and digital infrastructure readiness.

Mission

Develop people, strengthen operating practices and integrate technology through clearly scoped, evidence-led engagements.

Brand promise

Practical capability. Connected infrastructure.

Working principles

Technical clarity: explain dependencies and limitations.
Delivery discipline: define ownership, change control and acceptance.
Evidence: support claims with records and results.
Stewardship: respect safety, information and resource use.

03 OUR POSITION IN THE ECOSYSTEM

An integration mindset

The value of infrastructure lies in how its parts work together.

Our proposed role is to help clients bridge workforce skills, operational processes and technology interfaces. That can start with a training cohort, an operational readiness review or a defined integration requirement.

People

Role-based learning, technical communication and assessed decision-making for teams working around critical infrastructure.

Processes

Procedures, escalation paths, change records, maintenance coordination and acceptance criteria that fit the operating context.

Systems

Visibility of dependencies across IT, power, cooling, monitoring and security interfaces, with specialist work assigned to appropriately qualified parties.

MDC is being positioned as a capability and solutions company. Facility ownership, hyperscale operations and third-party certification authority are not represented as established capabilities.

04 SERVICE PORTFOLIO

One connected portfolio

A focused entry point with a disciplined path to broader delivery.

Workforce development is the proposed launch priority. Additional service lines will be activated against demonstrated demand, qualified resources and defined delivery arrangements.

Service line	Client need	Delivery stage
MDC Academy	Technical learning and workforce development	Launch priority
MDC Advisory	Readiness, skills and operating practices	Specialist-led expansion
MDC Integration	Defined IT infrastructure deployment and handover	Partner-enabled expansion
MDC Operations	Ongoing monitoring and support for agreed assets	Contract-led expansion

A clear entry point

Clients can engage around one business requirement. Scope, deliverables, dependencies and commercial terms are defined for that engagement.

Portfolio naming

MDC Academy, MDC Advisory, MDC Integration and MDC Operations are proposed service-line names under MDC Integrations; they are not represented as separate legal entities.

05 MDC ACADEMY

Learning designed around the work

Develop practical understanding before asking people to make critical decisions.

MDC Academy is the proposed workforce development platform of MDC Integrations. Programmes are designed to connect technical concepts with job tasks, documented procedures and assessed scenarios.

Who the programmes serve

Data centre technicians, operations personnel, IT infrastructure teams, facilities coordinators, supervisors and managers. Entry requirements are determined by pathway and employer needs.

What learning looks like

Facilitated technical sessions, system-mapping exercises, synthetic alarm data, procedure drafting, scenario discussions and individual assessment. Site exposure is an optional component requiring operator permission.

What learners take back

A role-relevant learning portfolio that may include a system map, capacity worksheet, risk register, draft procedure, incident record and workplace action plan.

How employers see progress

Baseline assessment, recorded attendance, assessment outcomes and supervisor follow-up, with reporting permissions and response rates defined upfront.

MDC course completion certificates are distinct from external professional certifications. Funding eligibility and recognition are subject to the applicable approvals.

06 LEARNING PATHWAYS

From foundations to operational judgement

A proposed learning architecture that supports different roles and levels of experience.

Pathways are selected after a training needs review. They are not a mandatory sequence and do not imply equivalence to a third-party certification.

Proposed pathway	Duration	Illustrative assessed output
Data Centre Foundations	2 days / 14 hours	System dependency map
Operations and Maintenance	3 days / 21 hours	Procedure and incident scenario
Engineering and Infrastructure	3 days / 21 hours	Capacity and resilience exercise
AI Infrastructure	3 days / 21 hours	Compute density and cooling case
Management and Optimisation	2 days / 14 hours	Operational improvement plan

Flagship programme

Data Centre Foundation and Operations Readiness combines the first two pathways into five days and 35 net learning hours. Breaks are excluded from learning hours.

Assessment philosophy

Use knowledge checks, individual tasks and practical simulations. Course-specific rubrics, attendance rules, reassessment arrangements and completion criteria are agreed before delivery.

All durations and course structures are proposed. Technical simulations do not authorise live electrical switching or confer regulated professional competence.

07 MDC ADVISORY

Readiness before commitment

Turn a broad infrastructure ambition into a defined set of decisions.

MDC Advisory is planned to support clients with capability reviews, operational readiness and infrastructure planning. Specialist assignments will be offered only when the appropriate technical resources are secured.

Workforce and competency planning

Review job tasks, existing skills and development priorities. Deliver a role-based competency matrix, learning priorities and a proposed development plan.

Operational readiness

Review selected procedures, escalation routes, handover practices and maintenance coordination. Deliver a scoped gap register and prioritised improvement actions.

Infrastructure requirements

Translate business needs into functional requirements for computing, storage, connectivity, capacity and monitoring, supported by assumptions and dependencies.

Procurement and delivery support

Assist with requirement schedules, technical comparison criteria, responsibility matrices and acceptance planning. Formal design certification remains with the authorised professional or appointed certifying party.

Typical outputs are advisory deliverables. Certification, statutory approval and independent assurance are separate scopes requiring the relevant authority.

08 MDC INTEGRATION

Integration with clear accountability

Connect a defined technical requirement to a controlled implementation and usable handover.

MDC Integration is the proposed project delivery service line for selected IT infrastructure solutions. Delivery will combine MDC coordination with qualified internal resources or formally appointed specialist partners.

Potential project scope

Servers and storage, networking, virtualisation, backup and recovery platforms, monitoring interfaces and associated software. Each project identifies the assets and interfaces included.

Delivery controls

Requirements baseline, site prerequisites, bill of materials, implementation plan, access approval, test criteria, rollback plan and change control.

Acceptance and handover

Document installation records, configuration baselines, test outcomes, asset information, warranty arrangements, known limitations and customer acceptance.

Specialist interfaces

Electrical, mechanical, fire protection and other regulated activities are assigned to appropriately licensed or registered parties. Scope ownership is established before mobilisation.

Project availability depends on confirmed resources and partner agreements. Vendor names, reseller status and accreditations are only used after authorisation is verified.

09 MDC OPERATIONS

Support built around the operating reality

Recurring services should begin with an accurate understanding of the assets, responsibilities and support boundaries.

MDC Operations is a planned expansion into contracted infrastructure support. The operating model is established per client, including coverage hours, escalation, response definitions and access controls.

Services under consideration

Asset and configuration records, selected platform monitoring, maintenance coordination, vendor escalation, backup-job review and periodic service reporting.

Service design

Define the supported estate, exclusions, monitoring sources, service windows, incident priorities, escalation contacts and dependency on third-party providers.

Operational visibility

Use agreed measures such as ticket response, resolution within scope, backup-job outcomes, maintenance completion and recurring incident trends.

Commercial discipline

Establish onboarding requirements, subscription or retainer scope, change requests, renewal terms and exit assistance. Service levels are agreed against staffing and technical capacity.

Round-the-clock coverage, a network operations centre, a security operations centre and guaranteed availability are not included unless specifically established and contracted.

10 AI AND RESOURCE AWARENESS

Prepare for more demanding workloads

AI infrastructure planning needs to connect computing requirements with physical and operational constraints.

MDC proposes to incorporate AI infrastructure awareness and resource considerations into learning and advisory work, with specialist delivery engaged where needed.

AI infrastructure readiness

Explore how workload characteristics influence accelerator selection, interconnects, storage throughput, power demand, rack density and thermal management.

Power and cooling interfaces

Build understanding of capacity assumptions, resilience choices, monitoring and the operating implications of higher-density deployments. Detailed engineering is a specialist scope.

Resource visibility

Introduce energy and water metrics with defined measurement boundaries. Establish a baseline before discussing efficiency improvements or comparing facilities.

Responsible implementation

Consider maintainability, equipment lifecycle, safe access, operating documentation and end-of-life arrangements as part of the defined assignment.

Efficiency gains, environmental outcomes and AI performance are not guaranteed. Site-specific analysis and measured evidence are required.

11 DELIVERY MODEL

From requirement to evidence

A common delivery discipline across learning, advisory and integration.

Each engagement is built around a practical sequence. The level of documentation scales to project size, operating risk and customer requirements.

01	**Discover**	Clarify business objectives, users, baseline conditions and technical constraints.
02	**Define**	Agree scope, roles, deliverables, resources, dependencies and acceptance criteria.
03	**Deliver**	Execute the agreed activities with documented changes, communication and quality reviews.
04	**Validate**	Assess learning or test technical outcomes against the agreed criteria.
05	**Transfer**	Hand over records, explain limitations and agree follow-up or support arrangements.

Evidence by engagement type

Training: attendance, assessments and learning outputs.
Advisory: assumptions, findings and recommendations.
Integration: test records, configurations and acceptance.
Support: service reports, incidents and agreed actions.

12 CLIENTS AND USE CASES

Built around client requirements

A proposed market focus across the organisations that develop, operate and depend on digital infrastructure.

These are target client segments, not a list of existing MDC customers. Engagements are tailored to the buyer, operating context and readiness of the proposed service line.

Target segment	Illustrative requirement
Data centre operators	Role-based learning and operational readiness
Enterprise IT and facilities teams	Shared understanding of IT and facility dependencies
Cloud and managed service providers	Infrastructure skills and defined deployment support
Technology suppliers and integrators	Technical enablement and project coordination
Education and workforce institutions	Employer-informed curriculum and assessed learning
Public agencies and ecosystem bodies	Scoped workforce development initiatives

Engagement formats

Employer-sponsored cohorts, open enrolment programmes when scheduled, scoped advisory assignments, defined integration projects and contracted support as capacity develops.

Geographic ambition

Malaysia is the proposed launch market. Regional delivery will follow confirmed demand, delivery capability and the requirements of each jurisdiction.

13 LEADERSHIP AND GOVERNANCE

Trust through accountable delivery

A credible company profile is supported by clear ownership, qualified people and evidence that clients can examine.

MDC is a new venture being developed by Mashar Mokhtar. His founder-led direction centres on workforce development, commercially practical services and a staged expansion into infrastructure solutions.

Proposed leadership structure

Corporate leadership oversees strategy and commercial decisions. Technical leadership validates scope and appoints specialists. Programme and delivery management coordinate resources, quality and records. Appointments will be confirmed as the company is established.

Technical competence

Maintain role-specific CVs, qualification records, trainer credentials and project responsibilities. Use experience attributable to the individual or delivery partner, with permission and clear attribution.

Customer information

Define access permissions, confidentiality, data handling and retention in the engagement. Use synthetic data in training unless customer information is expressly authorised.

Quality and integrity

State deliverables, document changes, review outputs and record acceptance. Client references, partner logos and accreditation claims require verification and permission.

MDC does not inherit the registrations, licences, certifications, projects or client relationships of any other company through a shared founder.

14 COLLABORATION

Partnerships with a defined purpose

Build an ecosystem around the work clients need delivered.

MDC intends to develop complementary relationships with employers, specialist practitioners, technology providers, educational institutions and authorised certification bodies.

Employers and operators

Validate role requirements, contribute operational context and support learning transfer. Site access and data use require separate permission.

Technical and technology partners

Provide agreed specialist delivery, equipment, product expertise or implementation support under documented responsibilities.

Education and workforce partners

Co-develop relevant learning activities and pathways where quality standards, intellectual property and delivery responsibilities are agreed.

Certification bodies

Explore authorised routes where demand supports them. Accreditation, examination rights, brand use and certificate issuance require a formal agreement.

No partnership, endorsement, government appointment or certification-body affiliation is asserted in this founding profile. Confirmed arrangements will be added when documented.

15 CORPORATE INFORMATION

Start with a defined requirement

A workforce challenge. An operational gap. An infrastructure project.

MDC Integrations is being built to connect these needs through practical learning and progressively developed technical services. The starting point is a clear discussion of your objectives, constraints and expected outcomes.

Corporate field	Current profile record
Proposed legal name	MDC Integrations Sdn. Bhd.
Brand descriptor	Malaysia Data Centre
Initial market	Malaysia
Proposed launch focus	Data centre workforce development
Venture initiator	Mashar Mokhtar
Registration and incorporation	To be inserted after SSM confirmation
Business address and contacts	To be confirmed before external publication

Engage with MDC

For an initial discussion, define the target roles or supported systems, location, desired timeline and expected deliverables. A scoped response can then identify the required resources and delivery conditions.

Founding edition | 17 November 2026. This profile presents the proposed positioning and portfolio of a new venture. Corporate particulars and active service availability must be confirmed before external issue.