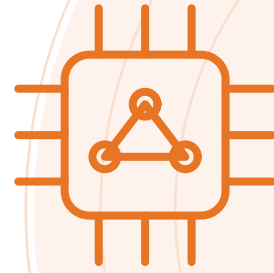




AI

DAL TECHNOLOGY | DIVISION PROFILE 2026



AI & Automation

Intelligence in Every Process

Practical artificial intelligence, document intelligence, workflow automation, computer vision, predictive analytics and private AI assistants.

Turn information into useful action.

UNDERSTAND

AUTOMATE

ASSIST

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DIVISION OVERVIEW

Specialist focus. Connected delivery.

A complete profile for project introductions, proposals and customer discussions.

DAL AI & Automation converts documents, data, images and operational processes into intelligent, measurable and repeatable workflows. Solutions can be deployed privately for regulated environments and are designed with human approval, audit trails and bilingual Arabic-English capability.

Document intelligence

Extract, classify and validate information from business documents.

Practical automation

Connect intelligent decisions with workflows and operational systems.

Governed AI

Support private deployment, human review and decision audit trails.

ABOUT DAL TECHNOLOGY

DAL Technology combines software engineering, systems integration, cloud, cybersecurity, artificial intelligence, telematics and IoT through five specialised divisions. Its regional presence and international technology ecosystem support delivery from discovery and architecture through implementation, support and continuous improvement.

**CAPABILITIES**

What we deliver

Capabilities, target sectors and deployment choices aligned with your operating needs.

CORE CAPABILITIES

- Arabic and English NLP
- OCR and intelligent document processing
- Private AI and controlled inference
- Workflow and RPA integration
- Computer vision and video analytics
- Predictive maintenance and forecasting
- Knowledge assistants and search
- Human-in-the-loop approvals
- Decision audit trails and monitoring

TARGET SECTORS

Banking and compliance
Government services
Manufacturing
Transport and logistics
Retail and customer service
Security and facilities

DEPLOYMENT MODELS

Private Cloud
On-Premises
Hybrid
Edge + Cloud

Solution selection and deployment design follow the agreed project scope, integrations and service requirements.



CORE PORTFOLIO

Five core products

A clear role for each product in the customer solution.

01 DAL DocAnalyzer

OCR, document classification, data extraction, validation, missing-information detection and automated review.

Document Intelligence

02 DAL Automate

Process orchestration, approvals, integration and repetitive-task automation using workflow engines, RPA and low-code tools.

Workflow Automation

03 DAL AI Assistant

Private knowledge assistant for employees and customers using the organisation's approved documents, policies and data sources.

Intelligent Support

04 DAL Vision

Image and video analysis, object detection, anomaly detection, safety monitoring and visual inspection.

Computer Vision

05 DAL Predict

Forecasting, risk scoring, customer analytics and predictive maintenance for vehicles, equipment, devices and infrastructure.

Predictive Analytics

Products and services are configured to the agreed customer scope.



EXTENDED PORTFOLIO

Solutions & specialist services

Capabilities that extend the core product portfolio.

DAL AI Reception

Intelligent voice and text receptionist for branches, websites, offices and contact centres.

DAL Compliance Copilot

Review support for KYC and compliance files, missing-document detection, summaries and risk indicators.

DAL Insight

Decision dashboards, forecasting, performance analytics and customer intelligence.

AI Chatbots & NLP

Arabic and English conversation, classification, summarisation and service automation.

Private AI Environments

Controlled inference environments hosted on client or DAL private cloud infrastructure.

Combine the relevant capabilities into one scoped implementation with integration, handover and ongoing support.



USE CASE EXAMPLES

Practical applications

Examples of how the portfolio supports customer operations.

01

Automated Document Validation

Government and banking portals automatically inspect uploaded documents, extract data and highlight missing or invalid information.

FASTER DOCUMENT REVIEW
02

Smart Surveillance and Safety

Computer vision detects missing safety equipment, restricted-area activity and operational anomalies.

ACTIONABLE SAFETY ALERTS
03

Predictive Maintenance

Sensor and operational data are analysed to predict equipment or vehicle failure before service disruption.

EARLIER MAINTENANCE PLANNING
04

Customer and Employee Assistants

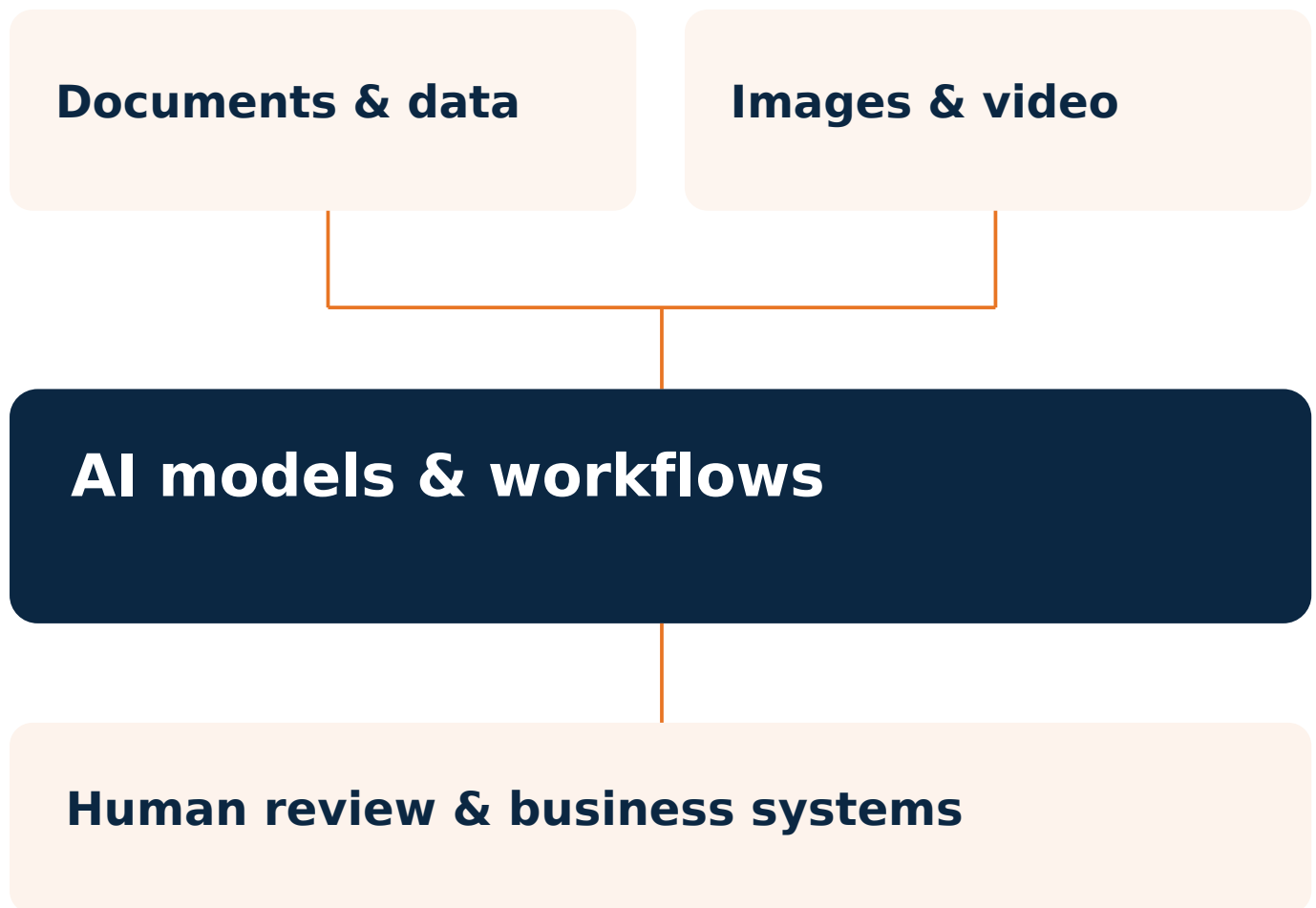
Private assistants answer questions from approved policies, manuals and enterprise knowledge while maintaining access control.

GOVERNED KNOWLEDGE ACCESS

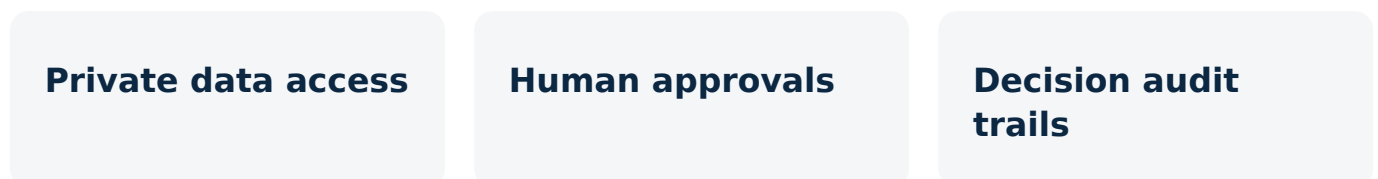
SOLUTION MODEL

How the components connect

A high-level view of the connected solution and its operational controls.



CROSS-CUTTING CONTROLS



Final architecture, interfaces and responsibilities are defined for each engagement.



DELIVERY APPROACH

From discovery to ongoing operation

Clear stages, defined ownership and a controlled path to delivery.

1 Discover

Requirements, stakeholder priorities, current-state assessment and desired outcomes.

2 Design

Architecture, scope, security model, integrations and implementation planning.

3 Build

Configuration, development, integration, device preparation or infrastructure deployment.

4 Validate

Testing, security review, user acceptance, performance checks and documentation.

5 Launch

Production rollout, migration, training, handover and operational readiness.

6 Operate

Support, monitoring, optimisation, updates and roadmap development.

DELIVERY ASSURANCE

Documented scope and milestones • Acceptance and handover • Training and knowledge transfer • Support responsibilities and service levels agreed in writing.

WORKING WITH DAL

Engagement & technology ecosystem

A commercial and operating model shaped around the project.

COMMERCIAL STRUCTURE

Setup and integration fees + subscription based on documents, users, voice minutes, transactions, automated processes or private infrastructure capacity.

ENGAGEMENT OPTIONS

- Product licence & implementation
- Managed service
- Project delivery & handover
- Subscription / SaaS
- Engineering & product development
- Support & maintenance agreement

RELEVANT TECHNOLOGIES WITHIN DAL'S WIDER ECOSYSTEM

Cloud & private infrastructure

AWS / Microsoft / Oracle / Huawei within DAL's wider ecosystem

Document & identity technologies

Regula and integrated document-verification capabilities

Delivery foundations

Arabic-English NLP, workflow integration, computer vision and analytics

Coverage, response times, platform selection and responsibilities are defined in the agreed scope and SLA.



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CONTACT DAL

Let's start with your next project.

Share your objectives, locations, systems and expected scope with our team.

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