

Bold ideas. Connected intelligence.

Your expertise becomes your AI.

Specialist intelligence. Connected workflows. Governance at the point of action. Built around your knowledge, systems and operating boundaries.

One connected product family.

 **ACI Enterprise**

 **ACI Sovereign**

 **ACI Flow**

INSIDE

A closer look at what we build.

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WHO WE ARE

Built around your expertise.

appana technologies creates and integrates specialist AI, agents and business systems. We turn a defined workflow into an outcome that can be tested, reviewed and improved.

OWNERSHIP & LEADERSHIP

Founded, owned and led by a UAE national. Based in Dubai.

Our mission

Help organisations solve real problems with AI that is practical, secure and worth every dirham.

Our vision

A UAE where every organisation has AI built around its own needs, not copied from someone else's.

Founded	2025
Experience	17+ years in technology
Focus	AI integration, agents & SLMs
Languages	Arabic & English

Your expertise is the advantage. We build around it.

appana technologies combines specialist models, connected agents and governance in one delivery approach. The work starts with your business knowledge, the systems you already use and a result worth measuring.

01

Local ownership. Direct accountability.

Accountable people, a direct working relationship and a delivery approach built around your organisation.

02

Intelligence shaped by your experts.

Specialise models around the decisions, vocabulary and exceptions in your own work. Evaluate the result on separate tasks your team controls.

03

Your infrastructure and boundaries.

Enterprise and Sovereign can run on-premise with local models and internal dependencies. Your team defines access, retention and permitted connections.

04

Connected to the way work happens.

Bring agents, documents, data and business applications into a coordinated workflow, with explicit hand-offs and approval points.

05

Governance in the execution path.

Use Sovereign to apply policies around supported model and tool calls, protect sensitive information and retain the evidence behind a verdict.

06

Proof before wider responsibility.

Agree a baseline, evaluate unseen work and measure quality, effort and exceptions. Expand automation when the evidence supports the next step.

TWO AUDIENCES

One ambition. Two ways to build.

Enterprise intelligence for organisations. Thoughtful digital products for everyday life.

FORMAL / B2B

For business

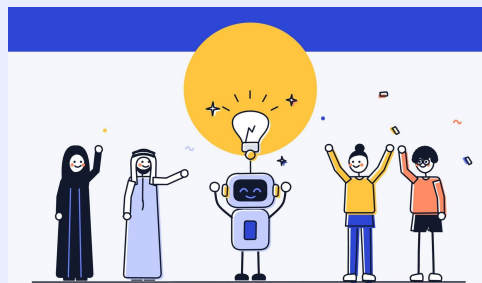
Specialist AI, connected workflows and enterprise services. Designed around your expertise, your systems and measurable business outcomes.



FOR PEOPLE / B2C

Serious ideas. A playful side.

Useful, approachable products that make everyday technology feel simpler. The same imagination, with more room to play.



B2B PRODUCT FAMILY

Three products. One connected ambition.

Fully local intelligence and governance for enterprise. A monthly AI workspace for growing businesses.

FLAGSHIP / ON-PREMISE

ACI Enterprise

Specialist models, fine-tuning and agents shaped around expert work. Local inference has no external token/API charges.

SECURITY & GOVERNANCE / ON-PREMISE

ACI Sovereign

A runtime control plane around agent actions: policies, sensitive-data handling, behavioural visibility and evidence.

FOR SMEs / MONTHLY SAAS

ACI Flow

Affordable monthly AI for everyday business tasks, with a friendlier experience and no AI-server setup for your team.

DEPLOYMENT CHOICES

Your boundary. Your operating model.

Choose the product around your knowledge, controls and operating needs.

ILLUSTRATIVE WORKFLOW / SYNTHETIC EXAMPLE

Choose the operating boundary that fits your business

CUSTOMER ENVIRONMENT / ON-PREMISE

ACI Enterprise

Approved knowledge → local specialist → reviewed action

ACI Sovereign

Local policies + governed calls + retained evidence

HOSTED SAAS

ACI Flow

Hosted in the UAE. A monthly plan for everyday business tasks.

GROWING TEAMS

Offline enterprise operation uses local models and internal dependencies. External integrations need connectivity.

ACI Enterprise	ACI Sovereign	ACI Flow
Customer on-premise environment	Customer on-premise environment	UAE-hosted SaaS
Specialist models and connected agents	Runtime policies, visibility and evidence	Everyday business work through a monthly plan
Deployment, infrastructure and support; no external token/API charges for local inference	Deployment and agreed support; local model checks use customer compute	Monthly subscription; price and included usage agreed before signup

ACI ENTERPRISE

Intelligence. Fully local. Fully in your control.

Fine-tune specialist models around approved knowledge, build agents for the workflows you need and evaluate results against your own standards.

01

Understand expert work

Use approved examples to retain the context, decisions and outcomes behind a bounded workflow. Capture is designed to be visible and participant controlled.

02

Shape a specialist

Select work that follows the agreed rules, then specialise a model around the workflow and its exceptions.

03

Validate before expanding

Test against separate customer-held work. Review errors, escalation and outcomes before agreeing any greater responsibility.

Build agents as your needs grow. Infrastructure is sized for model choice, workload and concurrency. Locally hosted inference has no external model-token charges; hardware, electricity and support still apply.

ACI ENTERPRISE

Trained on your work. Tuned for your standards.

A specialist learns the vocabulary, decisions and exceptions behind a defined workflow. Accuracy is validated on separate tasks against agreed model baselines.

YOUR EXPERTISE. YOUR ENVIRONMENT.

03 / CUSTOMER

Your specialist

Approved organisational knowledge

02 / DOMAIN

Industry knowledge

Workflows, rules and exceptions

01 / FOUNDATION

Open foundation

General language and reasoning

Workflow-specific accuracy

Fine-tuning aims to improve the work you actually do. Benchmarks can include general-purpose models such as Claude; a result in one task is not a universal superiority claim.

Expert capture

In development. Visible, participant-controlled capture of approved expert work.

Team guidance

Planned. Answers linked to relevant examples, with uncertainty made clear.

Workflow insights

Planned. Aggregate process variation and improvement opportunities.

Operations review

In development. Proposed actions, evidence, approvals and escalation.

Capture/execution tooling is in development. Available scope is agreed before engagement.

ACI ENTERPRISE / EXPERT WORK

Where judgement creates the advantage.

Three supplier-documented application patterns show why a specialist needs more than a document field.

01 / Insurance claims

A policy schedule, intake form and linked case can disagree. The specialist identifies the relevant authority and prepares an evidence-led next step.

Human review retains eligibility, approval and payment decisions.

02 / Engineering and semiconductor design

A specialist proposes a focused change from the design targets, then the agreed simulator checks whether the constraints are met.

Every candidate is verified; offline operation requires a fully local tool/model chain.

03 / Medical-device order operations

The purchase order contains fields; the account decision also needs site, department, product and historical context.

A person reviews uncertain account matches and approves the operational decision.

Illustrative application patterns adapted from published supplier materials. They are not appana customer deployments or universal model-performance claims.

Priority workflows. Measurable business value.

Insurance operations

Claims intake and coverage review

Connect policy documents, intake records and linked cases. Surface conflicting evidence and prepare the next review step for an authorised claims handler.

Measure: Source selection, missing checks, reviewer corrections and handling time.

Medical-device distributors and service operations

Order-to-account decisions

Combine purchase-order fields with site, department and account history. Suggest the account or route, with supporting evidence and an exception queue.

Measure: Account-match accuracy, abstention quality and review effort.

Engineering and R&D teams

Engineering hypothesis and verification

Use approved expert attempts to propose focused changes, run the agreed test or simulator and learn from verified outcomes.

Measure: Constraints met, valid proposals and engineering review time.

Large operational and service teams

Specialist knowledge assistance

Answer bounded questions using approved procedures and examples. Keep source references visible and escalate when the evidence is insufficient.

Measure: Evidence quality, answer acceptance and escalation accuracy.

Finance and procurement teams

Document-to-workflow coordination

Extract information, compare it with approved records and prepare the next task across existing systems. People retain approvals for commitments and postings.

Measure: Field accuracy, exceptions resolved and repeated entry avoided.

Shared services and complex support

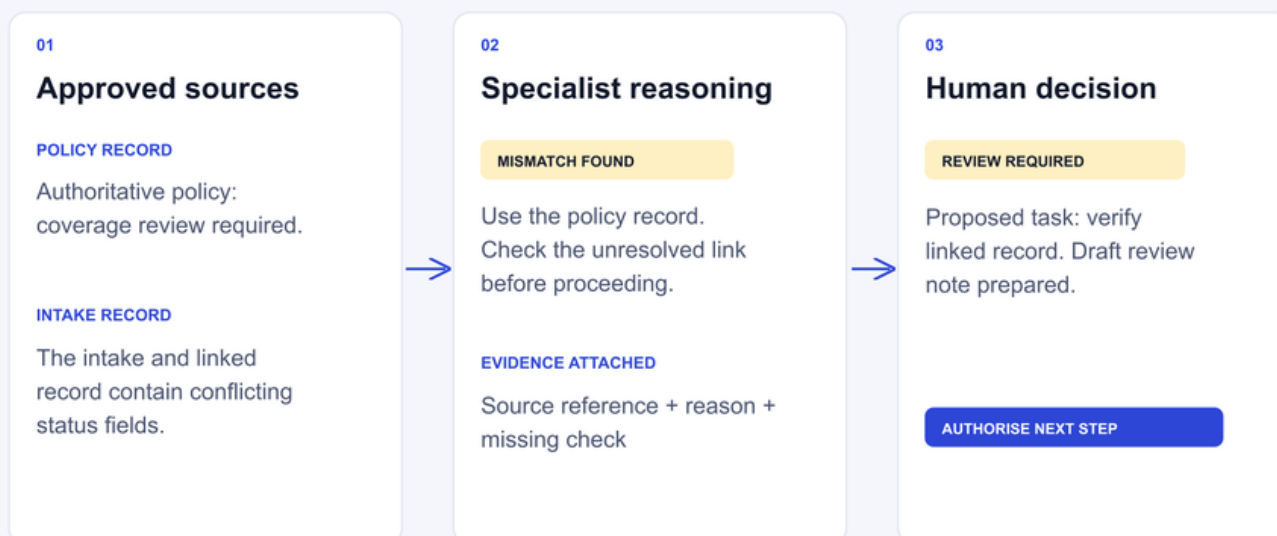
Case preparation and service hand-offs

Prepare a concise case history, identify missing evidence and route the next action to the responsible team.

Measure: Case completeness, routing quality and time to prepare.

Priority workflows to configure and validate. Supplier specialist training is demonstrated in bounded evaluations; capture and general execution tooling retain their published development status.

Enterprise: evidence before the next action



The reviewer retains the decision. This example is not an automated claim approval.

Read the case

Bring together an intake record, the authoritative policy and linked records.

Resolve the context

The specialist identifies a mismatch and cites the source that should govern the next check.

Prepare the action

Create a review note and a proposed task;
retain uncertainty and missing information.

Keep the person in control

An authorised reviewer decides what may proceed and records the correction or outcome.

Illustrative workflow using synthetic records. Registration, payment or customer decisions require the agreed approval and validated integration.

ACI SOVEREIGN

Your agents. Your rules. Inside your network.

On-premise runtime governance: discover agents, evaluate policies, enforce verdicts and retain evidence. Offline semantic checks use a locally hosted model.



Agent visibility

Inventory identities, owners, tools and observed behaviour.

Runtime policies

Allow, mask or block supported calls before dispatch.

Sensitive-data protection

Local checks and masking before model-based evaluation.

Tool and MCP controls

Policies around supported tool calls and MCP invocations.

Behaviour and spend

Inspect behavioural changes, usage and configured limits.

Governance evidence

Review verdicts and policies in a local audit trail.

Illustrative flow. Coverage depends on integration. External SaaS connectors need connectivity. Evidence is not a certification claim.

Control that sits in the path of action.

Bring agent identity, policies and evidence into the same operating view. Agree enforcement coverage before expanding access.

01

Identify the agent

Inventory governed agents and observed behaviour. Fingerprints and drift signals help operators investigate changes.

02

Inspect locally first

Run configured sensitive-data and deterministic rules in the customer environment. A local endpoint supports offline semantic evaluation.

03

Gate the supported action

Apply tool, MCP, shell, database and financial-action rules where the chosen integration can enforce them.

04

Retain the reason

Keep the verdict, matched policy and operational context. Review enforcement, exceptions and policy changes with responsible owners.

INTEGRATION IS PART OF THE CONTROL

SDK, inline-gateway, self-hosted egress and browser-discovery modes have different coverage. Validate provider/framework support, tool interception, failure behaviour and evidence retention for your selected architecture.

An inventory entry is not proof of enforcement. Governance evidence does not itself establish certification. External SaaS connectors require connectivity.

Priority workflows. Measurable business value.

Finance, healthcare administration and legal operations

Sensitive-data protection

Detect and mask configured personal data or secrets locally before governed model-based evaluation. Review the post-sanitisation evidence.

Measure: Detection and masking quality, false positives and data-flow checks.

Enterprise AI platform teams

Agent tool and access boundaries

Restrict supported tool, MCP, database and shell actions to the operations each workflow is authorised to perform.

Measure: Blocked forbidden actions, permitted-action success and bypass tests.

Teams connecting agents to untrusted content

Prompt-injection resistance

Test governed inputs and actions against deterministic rules and, where configured, a local semantic evaluator.

Measure: Attack-test outcomes, false blocks and escalation handling.

Risk, compliance and internal audit

Evidence for control reviews

Trace an agent request to its policy verdict and the rule that fired. Export supporting records for the organisation's own review.

Measure: Trace completeness, reviewer effort and policy-change history.

AI operations and service owners

Behaviour and runaway-use monitoring

Observe model use, repeated calls and changes in behaviour. Review anomalous patterns and configured limits before extending agent access.

Measure: Alert quality, unusual-loop detection and response time.

Finance and engineering operations

Governed financial or destructive actions

Apply configured rules before supported financial actions, destructive queries or shell commands are dispatched. Retain the verdict for investigation.

Measure: Disallowed-action blocks, approval coverage and exception resolution.

Sovereign governs the agents carrying out these workflows. Enforcement, discovery and evidence coverage depend on the selected integration and configured policies.

Inspect the request. Enforce the rule. Keep the evidence.

ILLUSTRATIVE WORKFLOW / SYNTHETIC EXAMPLE

Sovereign: inspect, enforce and retain the verdict

GOVERNED REQUEST	LOCAL POLICY CHECK	VERDICT
Customer record in prompt	Sensitive values detected	<button>SANITISE</button>
Destructive database query	Configured deny rule matched	<button>BLOCK</button>
Read approved policy	Permitted tool and operation	<button>ALLOW</button>

Audit evidence: agent identity · matched rule · verdict · time · review context

01

Identify

Associate the governed call with its agent and execution context.

02

Inspect locally

Run deterministic rules and sensitive-data handling inside the customer environment.

03

Enforce before dispatch

Allow, sanitise or block according to the configured rule and supported call path.

04

Review the evidence

Record the verdict, matched policy and relevant context for the operator.

Illustrative policy outcomes. Offline semantic checks require a local model endpoint. Audit evidence supports assessment and is not a certification.

ACI FLOW / FOR GROWING BUSINESSES

Less friction. More flow.

Make room for the work you enjoy. Start with useful everyday tasks, approved company information and an affordable monthly plan.



HOSTED IN THE UAE / MONTHLY SUBSCRIPTION

Documents and business knowledge

Customer and team communication

Daily tasks and coordination

Reports and business insight

A starting point for professional services, retail, trading and growing administrative teams. Choose recurring tasks where a reviewed first draft or a clearer hand-off can help.

Talk to us about your monthly plan. Pricing and included usage will be agreed before subscription.

Priority workflows. Measurable business value.

Service businesses and growing teams

Find answers in your business documents

Bring approved policies, product information and working documents into a useful knowledge workflow, with references for review.

Measure: Answer usefulness, source quality and time spent finding information.

Retailers and customer-facing SMEs

Turn enquiries into clearer replies

Summarise an incoming question, find the relevant information and prepare a reply for the team to check.

Measure: Reply preparation time, corrections and escalation quality.

Trading and small finance teams

Prepare invoices for review

Extract supplier, invoice and amount fields into a draft record, with uncertain values highlighted for a person.

Measure: Field accuracy, review time and duplicate entry.

Consultancies, agencies and service SMEs

Draft proposals and business documents

Turn a brief and approved examples into a first draft, keeping the commercial details for the responsible person to approve.

Measure: Draft acceptance, editing effort and missing requirements.

Small growth and customer teams

Keep marketing moving

Prepare useful campaign copy and social content from the business brief, with a person checking tone and claims before publishing.

Measure: Editing effort, content consistency and turnaround time.

Growing teams and owner-managed businesses

Make meetings lead to action

Convert approved notes into a concise summary, proposed actions and owners for the team to confirm.

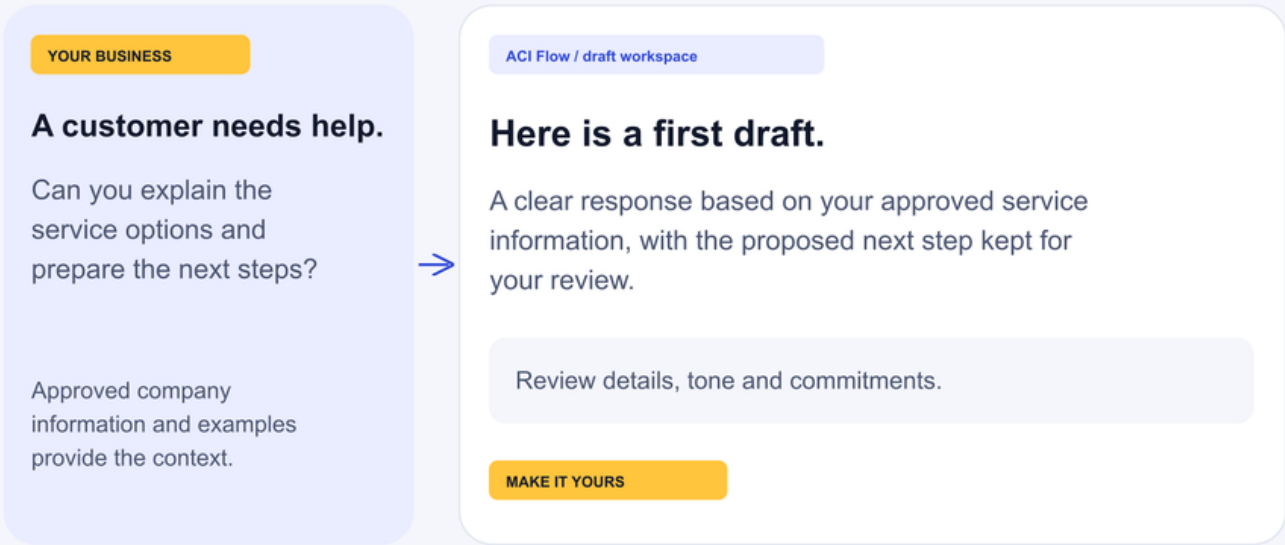
Measure: Action completeness, corrections and follow-up effort.

Suggested SME starting points. Available features, integrations, usage and data-processing terms are agreed for the monthly plan.

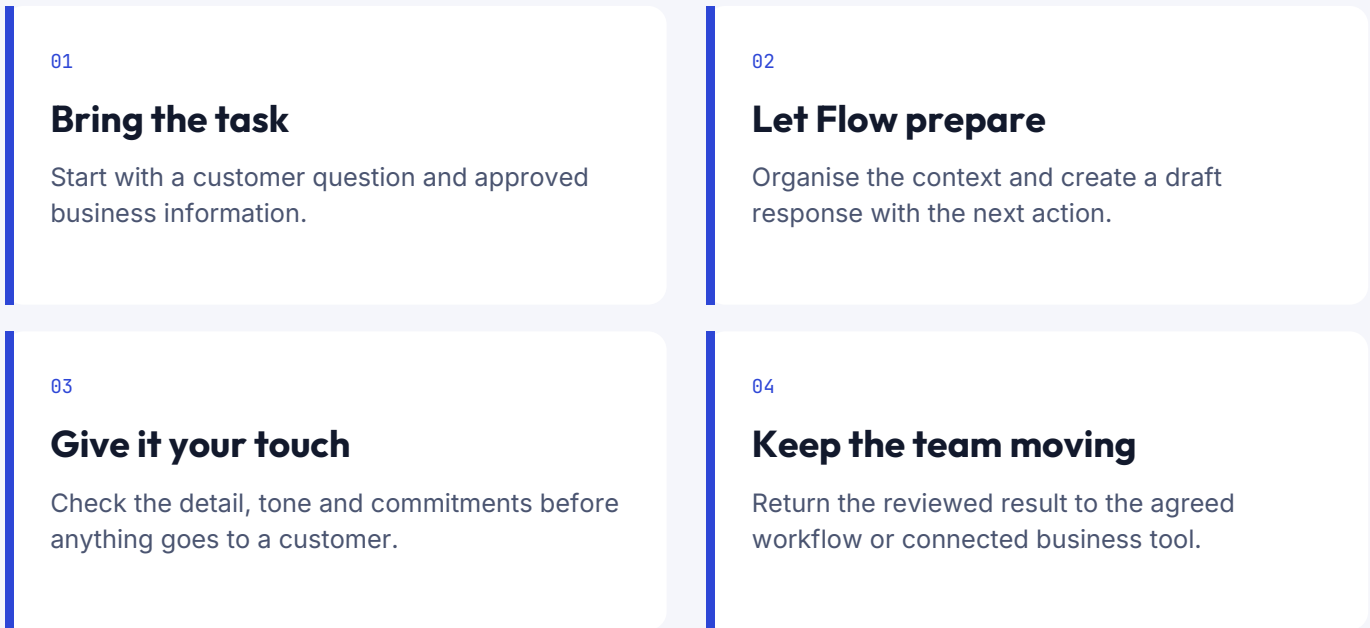
From a busy inbox to a useful first draft.

ILLUSTRATIVE WORKFLOW / SYNTHETIC EXAMPLE

Flow: a useful first draft, ready for your touch



Illustrative SME workflow. Customer-facing work is checked before use.



Illustrative SME workspace. Integrations and actions shown are examples to scope, not included-plan entitlements.

COMPLEMENTARY B2B SERVICES

Beyond the platform.

Extend the ACI product family with data and machine learning, custom business experiences and digital twins. Each engagement has a defined scope and measurable outcome.

01 / UNDERSTAND

Data & machine learning

Make business data usable for decisions, forecasts and operational improvement.

02 / BUILD

AI-powered apps & web

Create interfaces that make intelligence useful at the moment a person needs it.

03 / SIMULATE

AI digital twins

Build a live or scenario-based representation of an asset or process to improve understanding and planning.

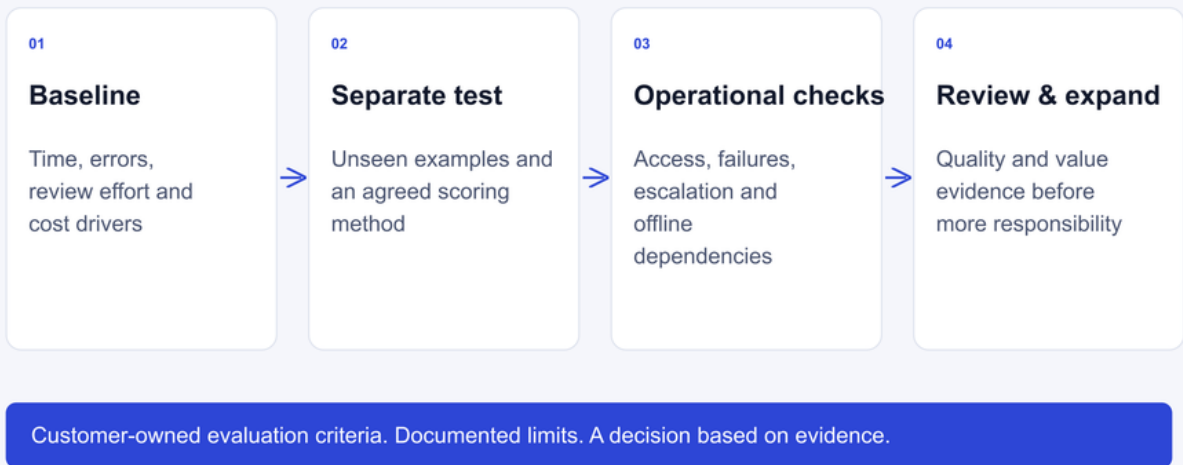
Model specialisation, orchestration and agent automation sit within ACI Enterprise. These three services extend the product family.

Data & machine learning

Make business data usable for decisions, forecasts and operational improvement.

ILLUSTRATIVE WORKFLOW / SYNTHETIC EXAMPLE

Proof that connects model quality to business work



HOW WE WORK

- 01 Review source quality and access
- 02 Unify agreed definitions and transformations
- 03 Build relevant analysis or prediction models
- 04 Deliver decision views and monitoring

WHAT YOU RECEIVE

- 01 Data-quality and source map
- 02 Prepared data pipeline or analytical dataset
- 03 Dashboard, forecast or classification pilot
- 04 Validation and monitoring guidance

Combine sales, stock and replenishment records to explain demand changes and evaluate a planning forecast against historical baselines.

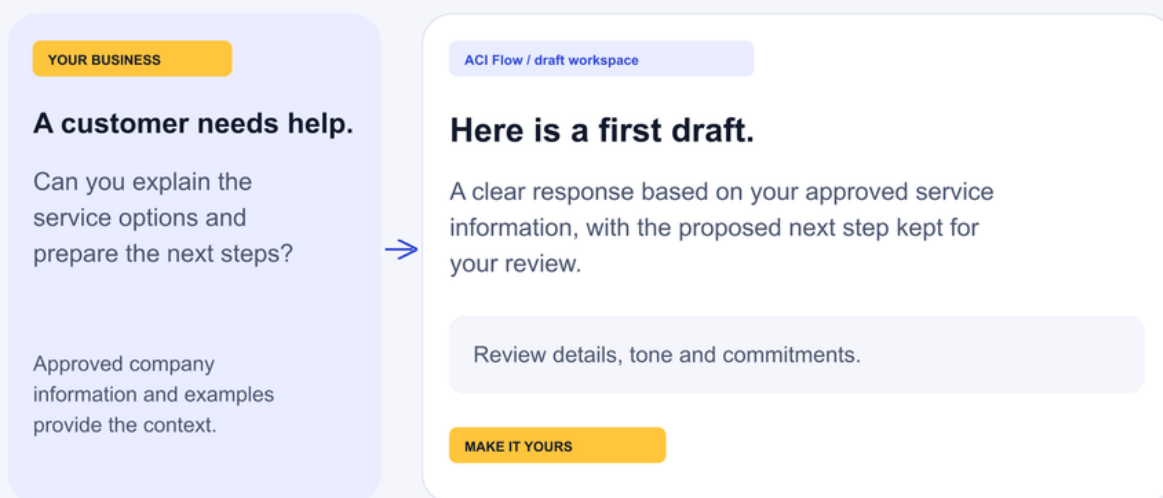
Measure: Data completeness, forecast error, exception detection and decision effort.

AI-powered apps & web

Create interfaces that make intelligence useful at the moment a person needs it.

ILLUSTRATIVE WORKFLOW / SYNTHETIC EXAMPLE

Flow: a useful first draft, ready for your touch



Illustrative SME workflow. Customer-facing work is checked before use.

HOW WE WORK

- 01 Research the users and working context
- 02 Prototype the experience and approval steps
- 03 Build the agreed product and integrations
- 04 Review accessibility, quality and operation

WHAT YOU RECEIVE

- 01 User journeys and interactive prototype
- 02 Application or web product as scoped
- 03 Integrated AI interaction and review states
- 04 Release and support handover

A document-review workspace keeps the original page, extracted fields and uncertainty beside the reviewer's decision.

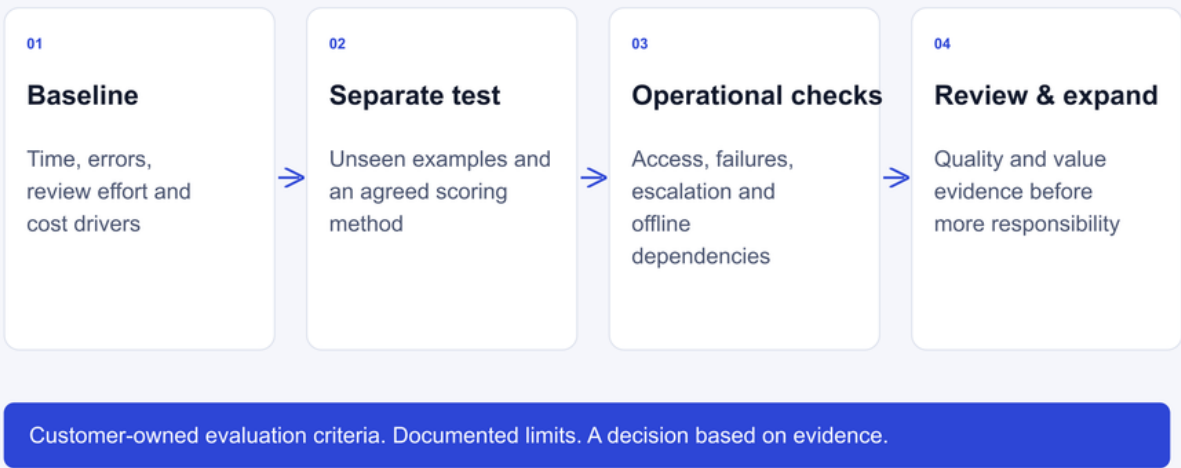
Measure: Task success, usability, accessibility, corrections and time to complete.

AI digital twins

Build a live or scenario-based representation of an asset or process to improve understanding and planning.

ILLUSTRATIVE WORKFLOW / SYNTHETIC EXAMPLE

Proof that connects model quality to business work



HOW WE WORK

- 01 Define the asset/process and questions
- 02 Connect available operational data
- 03 Model relevant states and scenarios
- 04 Validate predictions and decision views

WHAT YOU RECEIVE

- 01 Twin scope and data model
- 02 Connected or scenario-based pilot
- 03 Visual operating or simulation view
- 04 Validation and data-quality requirements

Model a building or process to compare operating scenarios and surface exceptions for the responsible team.

Measure: State accuracy, prediction error, scenario usefulness and decision lead time.

DELIVERY

From a useful idea to a working outcome.

Four simple steps from the first chat to launch day. You see progress every week and always know what comes next.

01 / DISCOVER

We start with your problem

A friendly workshop to understand your goals, your data and what success looks like, including the ROI.
You get: A clear plan, timeline and quote

02 / DESIGN

You see it before we build it

We sketch screens and flows you can click through, and shape them with you until they feel right. You
get: A clickable prototype

03 / BUILD

Short sprints, weekly demos

We build in small steps and show you a working product every week. No black boxes, no surprises. You
get: A demo and progress update every week

04 / LAUNCH & CARE

Launch day, and every day after

We go live, train your team, measure the results and keep improving what we built together. You get:
Training, support and a care plan

VALIDATION & HANDOVER

Agree the proof before building the promise.

01

Business baseline

Document today's handling time, error types, review effort and cost drivers for one bounded workflow.

02

Separate evaluation

Keep a representative set of tasks away from training. Agree scoring and what requires escalation.

03

Operational validation

Test permissions, offline dependencies, integration failures and the human review path.

04

Decision to expand

Review quality and effort together. Increase responsibility only when the agreed evidence supports it.

HANDOVER THAT CAN BE USED

Scope and architecture record / Access and retention decisions / Evaluation results and known limits / Operations, escalation and change ownership

FOR PEOPLE • B2C

Serious ideas. A playful side.

Useful products, approachable experiences and a little imagination. Consumer apps and websites are designed to feel simple from the first interaction.



100models.ai

Public directory

Find the right AI for the job. Compare models, explore their strengths and discover practical use cases.

wifana

Early access

Your Wi-Fi, your way. Manage devices, schedules and internet access through WhatsApp, in Arabic or English.

binbait

Coming soon — late 2026

OUR CULTURE

Bold ideas. Connected intelligence.

We work as builders and peers: owning commitments, seeking useful feedback and turning ambitious ideas into clear, practical progress.

Problem first

We start with what is slowing you down, not with a product to sell.

Innovate, don't copy

Every solution is designed for you and with you. No templates, ever.

Builders at heart

We would rather show you a working demo than a long slide deck.

Clear, not clever

Plain words and honest timelines, in Arabic or English.

OUR COMMUNITY

Brilliant minds. Great ideas made real.

We welcome people who want to create, collaborate and turn ambitious ideas into useful products. Bring your curiosity, experience and a problem worth solving.

Join the conversation: reach@appana.ae

LET'S TALK

Bring your next idea into focus.

Choose an enterprise workflow, review your agent controls or explore a monthly AI plan. We will shape the next step with you.

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OUR FOUNDER

Hamad Al Khayyal Al Harthi

Founder, appana technologies

appana is founded and run by Hamad Al Khayyal Al Harthi, a technology executive with more than 17 years leading IT strategy, digital transformation and enterprise data at board level.

His work spans energy, oil and gas, telecoms, media and retail — large organisations where technology had to hold up at scale, on a budget, and under real scrutiny. appana exists to bring that standard to organisations that want AI built around their own needs.



Board-level technology leadership across energy, telecoms, media and retail

Studying for an Executive Diploma in AI at Saïd Business School, University of Oxford

Selected for a UAE national leadership scholarship

MBA in Strategic Leadership — Distinction with Honour

Adjunct instructor in digital innovation and business automation

Speaker and panellist at regional technology forums

[Connect with Hamad on LinkedIn](#)