

Company Profile

We know oil & gas.
Now our AI does too.

Domain Software

Trusted Data

OiO Platform

Domain AI Agents



◆ 30+ Years of Oil & Gas Practice Shape Our Platform Capability

Jurassic Software combines domain software, trusted data, the OiO platform and delivery services built through sustained oil and gas practice.

Long-Term Focus, Integrated Capability



Domain Insight

Exploration,
development, drilling,
production,
equipment and
research collaboration



Domain Software

Continuously evolving
products, algorithms
and engineering
practice



Trusted Data

Governed data,
documents, maps,
models and
professional
deliverables



Platform

OiO connects
capabilities; delivery
services put them into
real work

1994

Founded



30+ Years

In Oil & Gas



140+

Software Copyrights



260+

Team Members

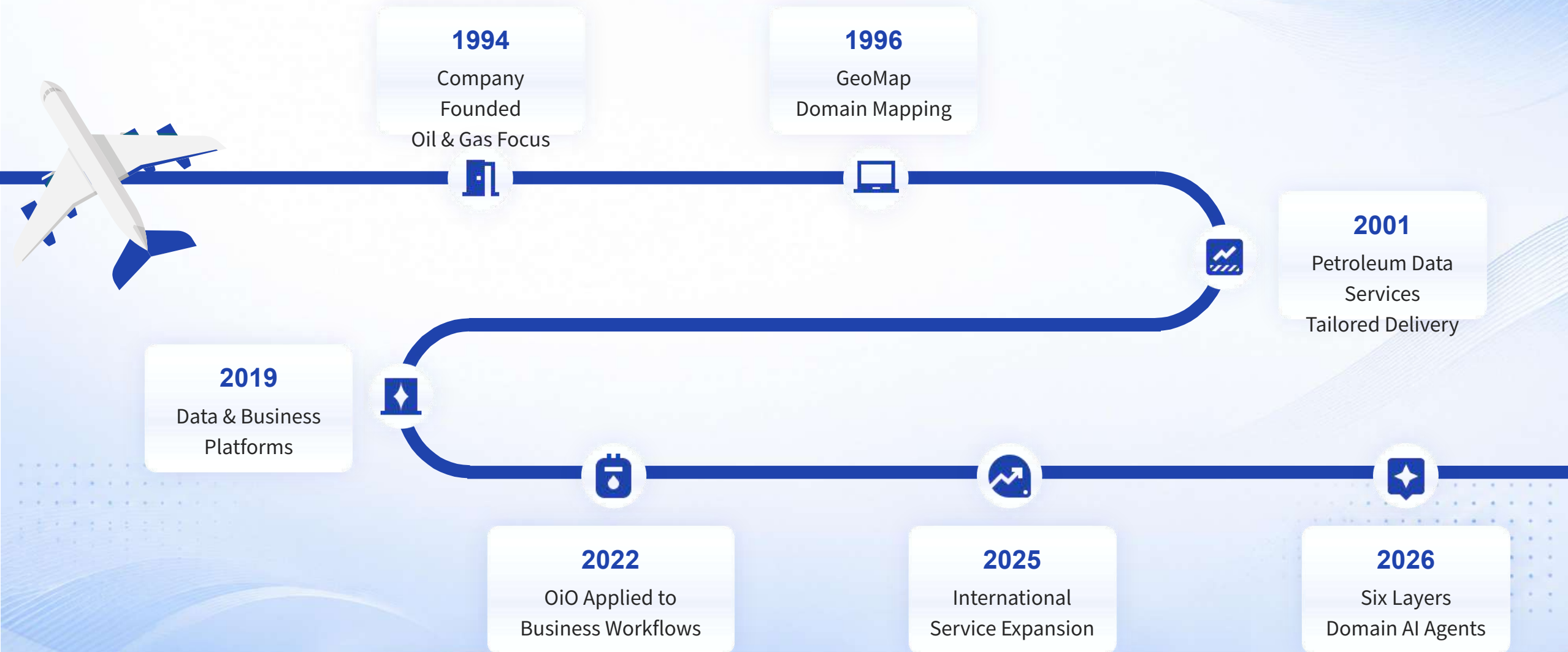


70+

Oil & Gas Professionals

◆ Our Platform Capability Evolves Around Real Oil and Gas Work

From domain software and data services to OiO and AI agents, each step responds to operational needs and accumulated project practice.



◆ Oil & Gas Understanding Is the Starting Point of Our Platform Capability

The platform begins with business objects, domain methods, data rules and workflows, then applies the right model capabilities.



Domain Understanding



Understand wells, zones, blocks, reservoirs and equipment



Understand workflows, roles and quality constraints



Software & Trusted Data



Turn dispersed material into governed business resources



Package proven software and algorithms as callable capabilities



OiO Platform



Connect data, software, knowledge, roles, rules and workflows



Bring AI into supervised, reviewable business tasks



Continuous Evolution



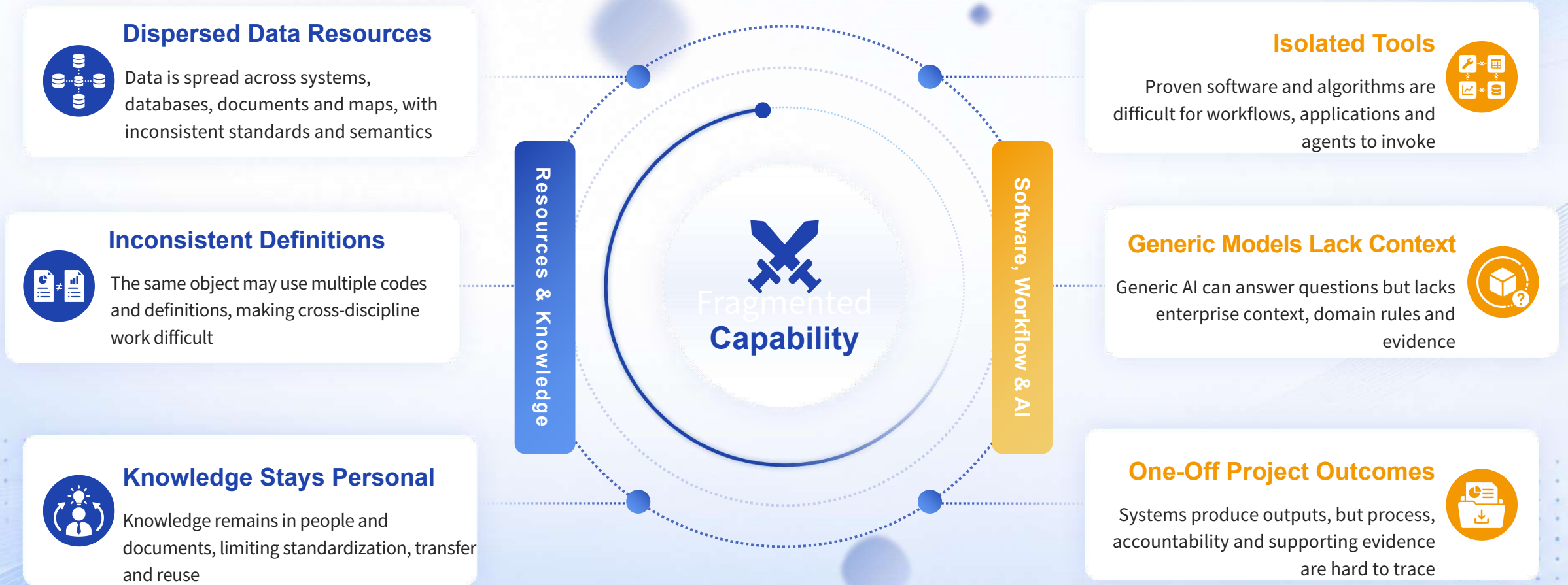
Capture outputs, rules and experience through use



Build repeatable, scalable organizational capability

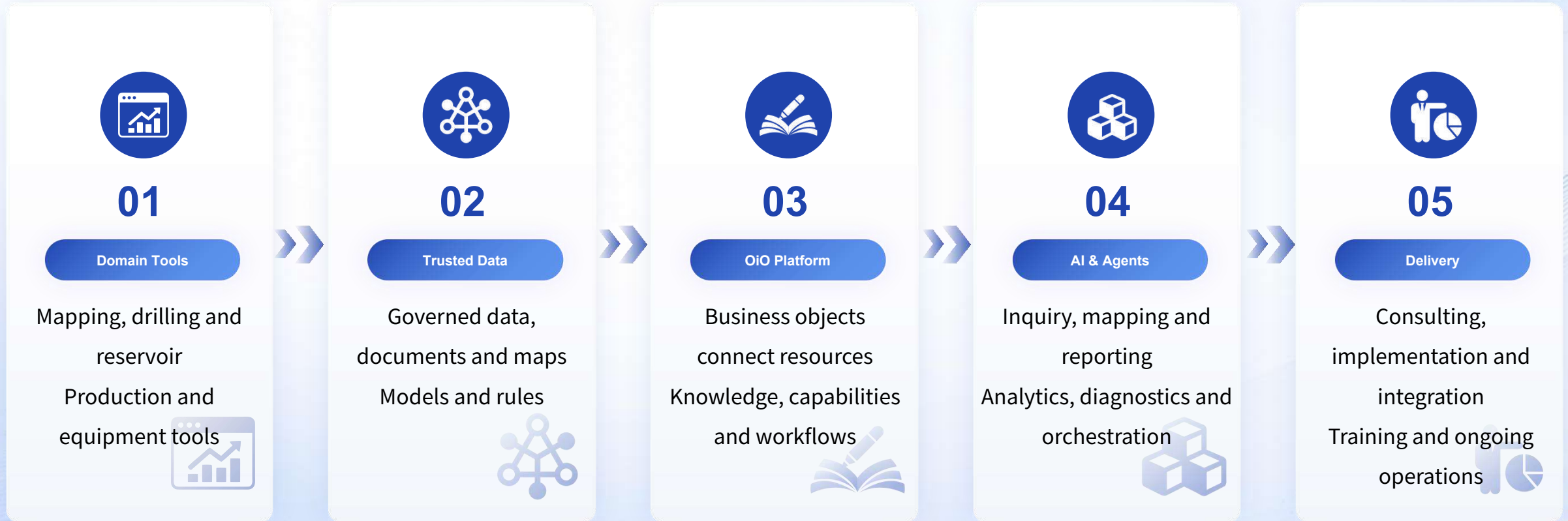
◆ Fragmented Business Capability Is the Key Barrier to Oil & Gas AI

Data, software, knowledge, workflows and AI may all exist, yet still fail to complete work in one shared business context.



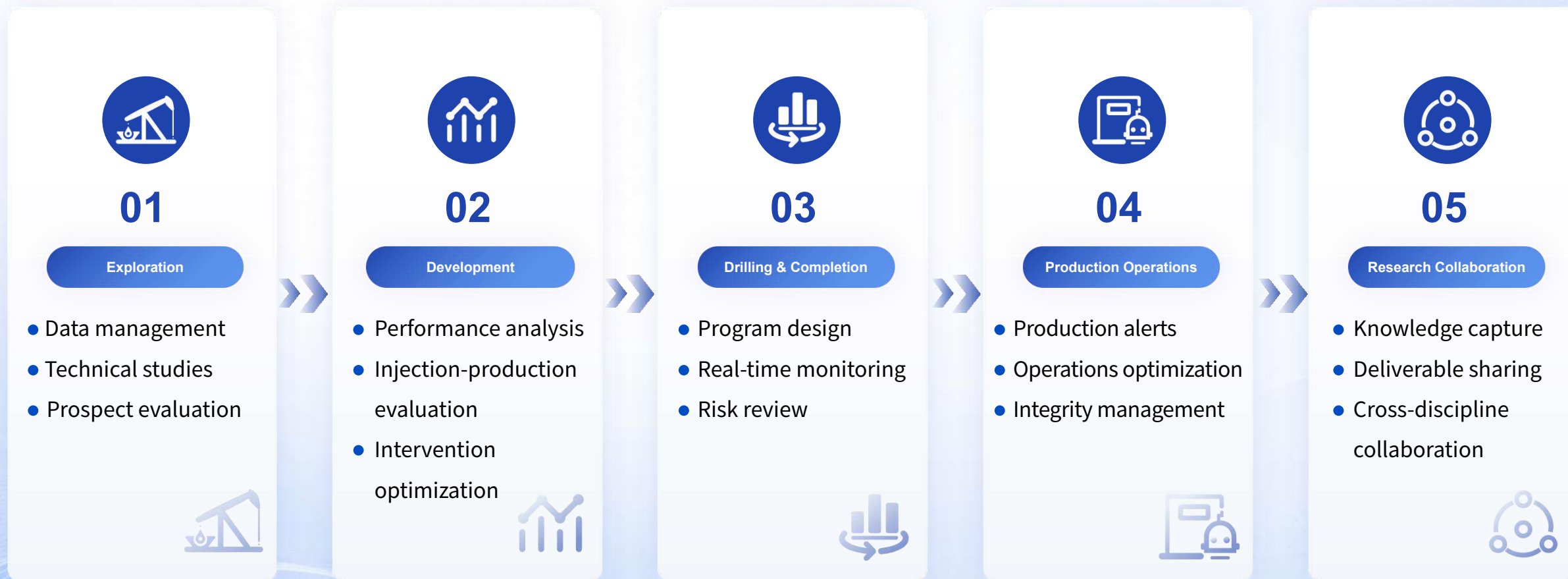
◆ Jurassic Turns Domain Experience into Five Platform Capabilities

Five complementary capabilities turn Jurassic's domain experience into a governed, callable and executable business system.



◆ One Capability System Supports the E&P Life Cycle

Shared data, knowledge and domain capabilities follow wells, zones, blocks, reservoirs, equipment, maps and reports across the E&P life cycle.



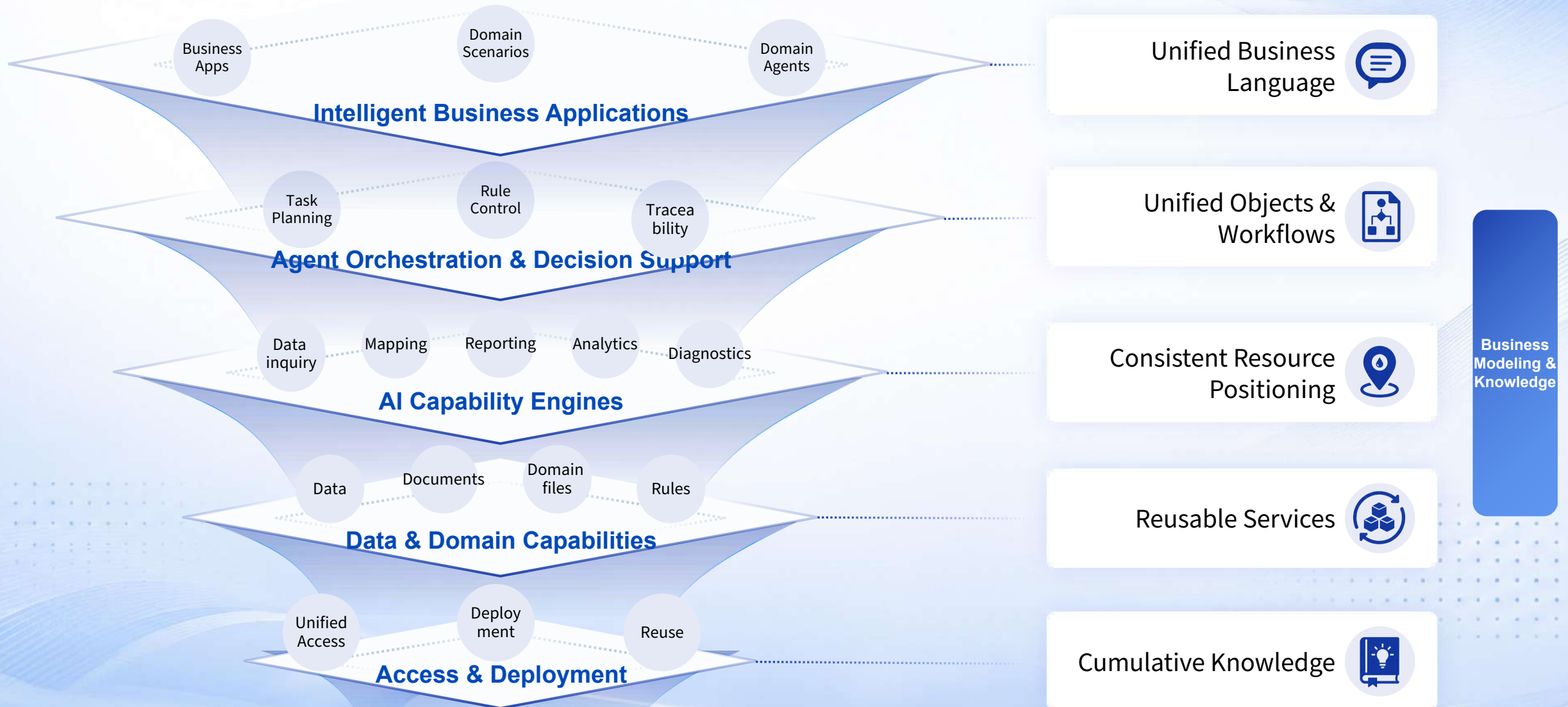
◆ The Product Portfolio Extends from Shared Resources to Business Applications

Six layers enter real workflows through platform services and domain products, while supporting phased, use-case-led delivery.

Category	Representative Products	Primary Role
 Access & Deployment	JuraDataHub Standards Cloud-Edge	Connect systems, data and operating environments
 Business Modeling	Objects Tasks Workflows Knowledge	Establish a shared business context
 Data & Domain	JuraData JuraComponents JuraML GeoMapPro	Govern data and service-enable domain tools
 Agent Orchestration	Intent Retrieval Task Orchestration	Complete multi-step work under control
 AI Engines	JuraSearch GeoMapX JuraReport	Provide inquiry, mapping and reporting capabilities
 Business Applications	JuraDOM JuraProdX JuraOFM JuraESP JuraVerse	Create closed loops for domain workflows

◆ Six Layers Turn Domain Understanding into Reusable Platform Capability

Each layer solves a distinct problem: access, business understanding, resource organization, task orchestration, AI capability and application delivery.



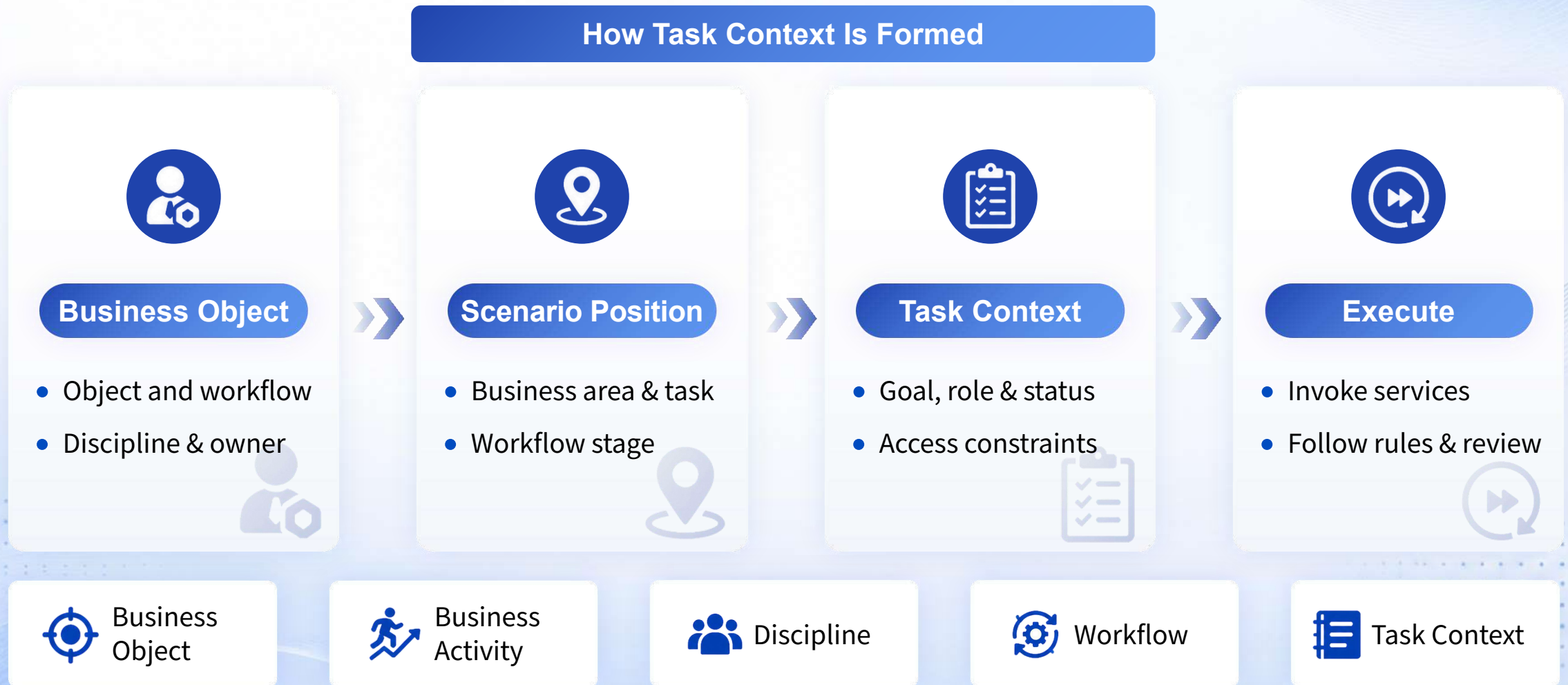
◆ OiO Organizes Resources and Tasks Around Business Objects

Wells, zones, blocks, reservoirs and equipment anchor a shared context for people, data, software, knowledge and agents.



◆ Objects, Roles, Goals and Constraints Define Task Context

The platform identifies the business object and workflow position, then adds role, goal, status, access and rules to form task context.



◆ Five Business Dimensions Give People, Systems and AI a Shared Coordinate

Object, business area, task, discipline and process create a business coordinate understood by people, systems and agents.



01

Object

What is the focus?

Well Zone Block
Reservoir Equipment



02

Business

Which business area?

Exploration Development
Drilling Production
Operations



03

Task

What work is being done?

Analysis Evaluation Design
Forecasting Optimization
Management



04

Discipline

Which discipline leads?

Geology Geophysics
Reservoir Drilling
Production



05

Process

Where in the workflow?

Workflow stage
Upstream and downstream
links



**Five-Dimensional
Example**

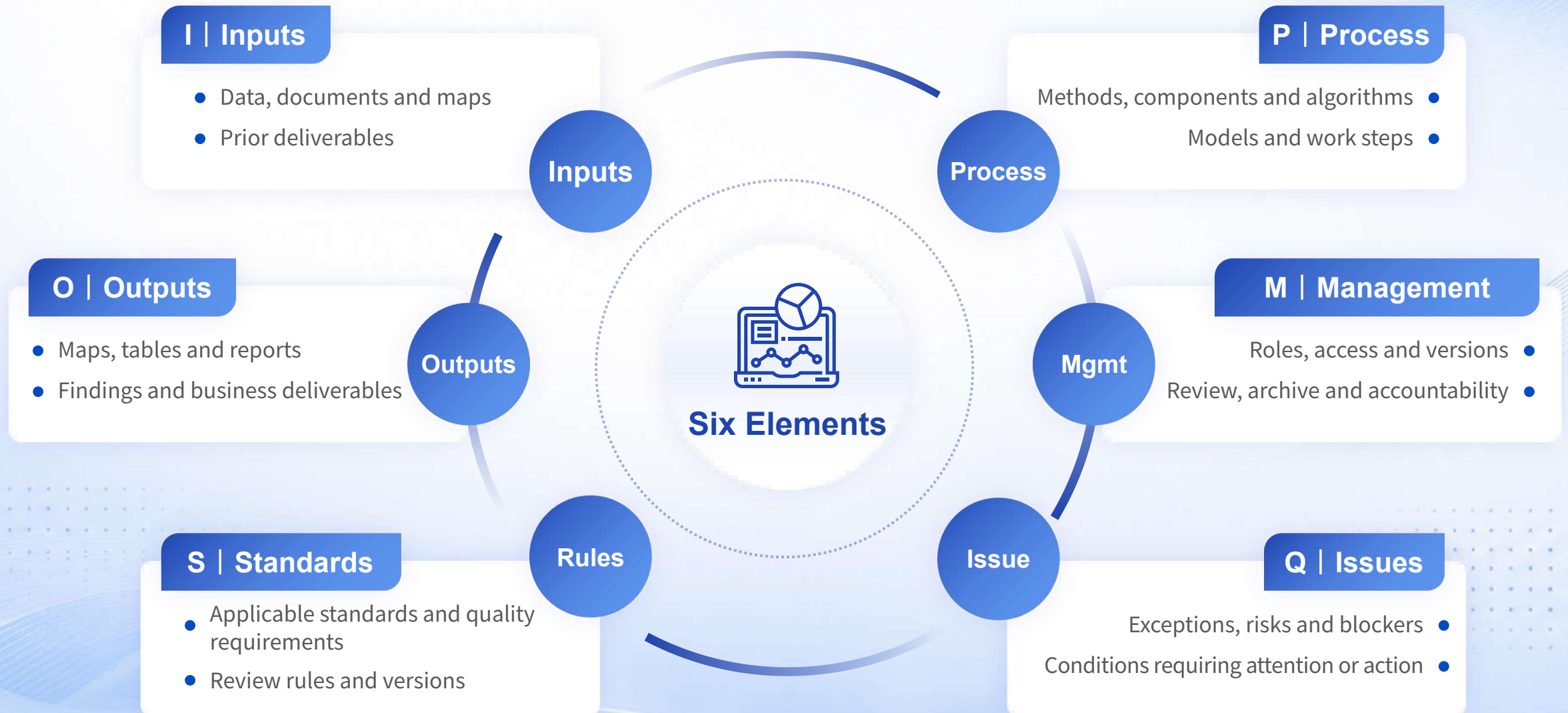
- Injection Well
- Field Development
- Performance Analysis
- Reservoir Engineering
- Development Performance Review



**Injection-Well
Performance Analysis**

◆ Six Task Elements Define Execution and Review

Inputs, process, outputs, management, standards and issues define what a task needs, how it runs and how it is reviewed.



◆ A Governed Resource Catalog Makes Data, Software and Knowledge Callable

The catalog manages resource identity, business meaning, physical location, service endpoints, versions, access and lifecycle.



◆ JuraData Makes AI Outputs Traceable and Explainable

JuraData governs ingestion, parsing, standards, quality, business context and services so data can be traced and reliably invoked.

Multi-Source Data

Business systems · Real-time data · Documents and maps · Seismic and logs · Equipment events · External data



01 Ingest

- APIs, batch
- Streams, files



02 Parse

- Text & maps
- Metadata



03 Standards

- Codes & units
- Formats



04 Quality

- Accuracy
- Consistency



05 Context

- Wells, blocks
- Reservoirs



06 Services

- APIs & search
- KPIs & AI



End-to-End Governance

Core

Master, reference and
metadata

Trace

Source, transformation,
version and usage traceability

Auth

Classification, access,
masking, logs and audit

Std.

OSDU, PPDM
POSC, Energetics

◆ GeoMapPro, JuraComponents and JuraML Package Reusable Domain Resources

Data, documents, domain files, maps, rules and models must be governed and packaged before applications, workflows and agents can invoke them reliably.

Resource Processing

Data, documents, seismic, logs and maps



Data Governance



Ingest, cleanse, standardize and validate



Document & Knowledge



Parse documents; retain extracted knowledge and source evidence



Domain File Standards



Standardize seismic and well-log files with quality checks



GeoMapPro



Digitize maps, apply templates and scale production

Rules & Models

Domain standards, quality rules, components and models



Rule Review



Embed expert rules and review requirements



Rule Library



Match standards to scenarios and tasks



Anomaly Detection



Flag exceptions for review or action



JuraComponent
s JuraML



Package proven tools, algorithms and models as reusable capabilities

◆ Clear Layer Responsibilities Support Phased, Use-Case-Led Delivery

Lower layers secure access and trusted resources; middle layers understand and execute tasks; applications deliver business outcomes.



Access & Governance



Existing systems and multi-format data access



Identity, access, tenancy and security



Standards, quality and rule management



Logs, process and audit management



Cloud-edge coordination, service operations and monitoring

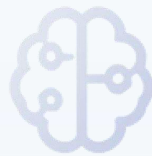
◆ AI Engines Provide Capabilities; Agent Orchestration Completes the Work

Engines define what can be done; orchestration controls how it is done; applications set goals, coordinate review and use the results.



AI Capability Engines

- Reusable inquiry, mapping and reporting
- Analytics, diagnostics and model services



Agent Orchestration & Decision Support

- Receive and decompose tasks
- Apply access controls, standards and rules
- Invoke tools and record execution



Intelligent Business Applications

- Define goals and constraints
- Trigger the required capabilities
- Coordinate expert review and use



Input: Business Task



Constraints: Rules & Access



Process: Controlled



Output: Results & Records

◆ JuraSearch, GeoMapX and JuraReport Combine as Business Tasks Require

Inquiry, mapping, reporting and domain models are shared capabilities composed by drilling, production, reservoir and equipment applications as needed.



Data

JuraSearch

Consistent Search with
Sources & Evidence



Map

GeoMapX

Use Data Templates
& Mapping
Components



Report

**JuraReport
JuraPPT**

Organize Data, Maps &
Report Structure



Drilling

JuraDOM

Combine Query,
Mapping & Rules for
Planning



Production & Reservoir

**JuraProdX ·
JuraOFM**

Combine Analysis,
Diagnosis & Reporting
for Optimization



Equipment & Assets

**JuraESP ·
JuraAssure**

Combine Diagnosis,
Models & Reporting
for Equipment Actions



Raise Business
Question



Retrieve Required
Resources



Invoke Shared
Capabilities



Produce Output



Expert Review
& Use

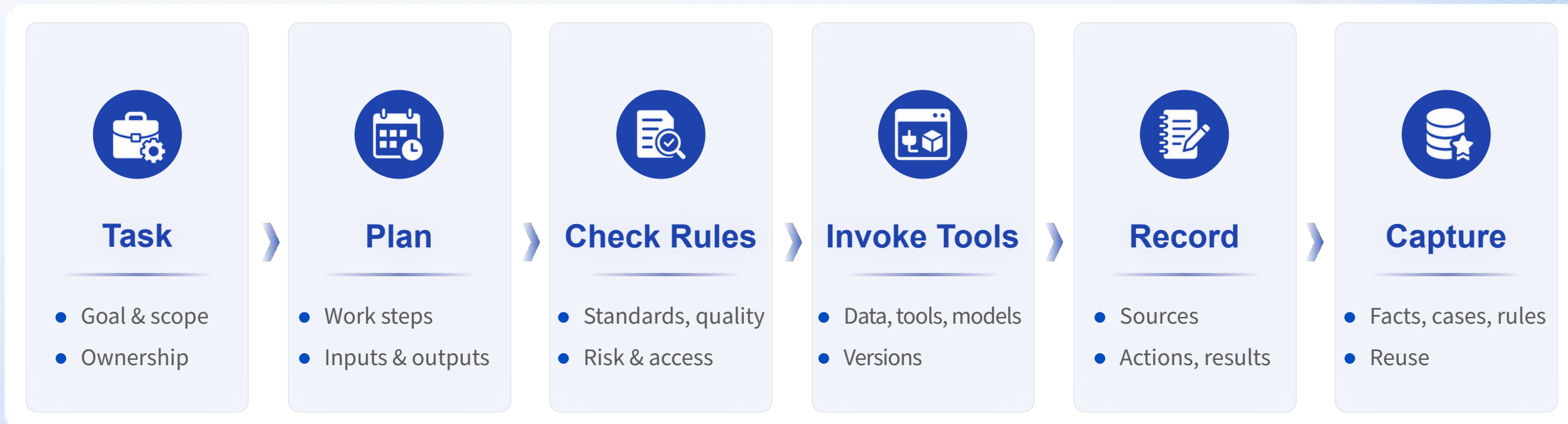
◆ OiO Connects AI to Operational Workflows Through a Governed Loop

OiO links business context, task planning, controlled execution, expert review and continuous improvement under enterprise rules.



◆ Traceable Execution Clarifies Evidence, Accountability and Reuse

From task request to expert review, the platform records inputs, rules, tools, versions, actions and results as a clear evidence chain.



Process Records

- Key inputs, applicable rules, tools invoked, outputs produced and expert review comments.



After Review

- Reusable facts, cases, rules and experience support faster future work.



OiO Platform Capability Is Supported by Six Technologies

Together, the six technologies address business understanding, resource invocation, task execution, rule control, traceability and experience capture.



Domain Semantic Modeling

Unified objects, workflows and roles
And their relationships



Data & Resource Governance

Connect data and documents
Maps, knowledge and tools



Agent Orchestration

Organize work steps
Tool invocation and collaboration



Access & Rule Control

Manage standards and quality
Risk, access and versions



Process & Evidence Traceability

Record sources, versions and execution
Results and review accountability



Knowledge & Experience Capture

Turn reviewed outcomes and
experience Into reusable knowledge

OiO Connects Business Understanding, Resources and Intelligent Execution

OiO combines business understanding, domain tools, supervised execution and reusable experience on one platform.

Business Foundation



Business Semantics

Model objects, relationships, workflows and knowledge in one context

01



Governed Resources

Discover data, documents, maps, software and knowledge through one catalog

02



Rules in Workflows

Apply quality, risk, access and version controls during execution

03

Controlled Execution



Supervised Task Execution

Agents decompose goals, invoke domain tools and coordinate review

01



Evidence & Accountability

Capture inputs, tool calls, outputs and review comments

02



Reusable Reviewed Outcomes

Turn validated facts, cases, rules and methods into organizational knowledge

03

◆ GeoMap Supports Professional Mapping at Enterprise Scale

GeoMap connects precision editing, scaled production, AI-assisted mapping and governed deliverables, so teams can reuse standards, templates and map assets.



GeoMap **Desktop Mapping**

Precision editing
Publication-ready output



GeoMapPro **Platform Services**

Templates and components
Data-driven, high-volume
mapping



GeoMapX **AI-Assisted Mapping**

Natural-language, task-
driven
map generation



Map Resource **System** **Asset Management**

Symbols, layers and templates
Versioning, review and sharing

JuraDOM Connects Drilling Design, Execution, Monitoring and Review

JuraDOM organizes programs, field activity, real-time data, risk response and review around the same well to create a traceable operating loop.



01

Design

- Parameters
- Approvals & versions



02

Execute

- Operations data
- Progress & events



03

Monitor

- State & parameters
- Deviations



04

Respond

- Alerts
- Guided response



05

Improve

- NPT analysis
- Lessons & templates

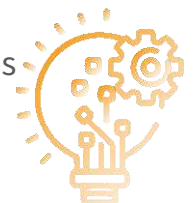
Capabilities Delivered

- Design and field teams collaborate around shared data and business objects
- Improve detection and response to drilling risk
- Capture successful practices and lessons as rules and templates



Customer Value

- Improve design-to-field collaboration, shorten the risk response chain and turn reviewed experience into rules and templates.



◆ JuraProdX Manages Production Issues Through a Continuous Operating Loop

From operating visibility and anomaly detection to work orders, action execution and outcome evaluation, JuraProdX supports continuous daily operations.



Real-time data + Business rules + Work orders + Action execution + Operational feedback

JuraOFM Connects Dynamic Analysis, Intervention Planning and Evaluation

JuraOFM organizes dynamic data, domain analysis, intervention recommendations, execution tracking and outcome review around wells, well groups and reservoirs.



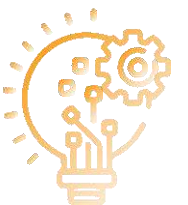
Business Action

- Analysis combines charts, supporting evidence, review and actionable intervention recommendations.



Customer Value

- Improve reservoir understanding and intervention targeting while keeping evidence, execution and results available for review.



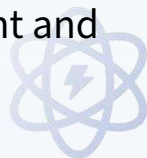
◆ JuraESP Uses Data to Improve ESP Diagnosis and Operating Performance

JuraESP combines production, equipment and event data for condition detection, fault diagnosis, parameter optimization and expert review.



Multi-Source Sensing

- Production, current and voltage
- Pressure, equipment and events



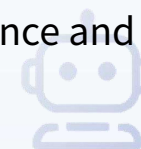
Condition & Diagnostics

- Operating-state detection and anomaly trends
- Failure causes and supporting evidence



Operating Optimization

- Parameter optimization and simulation
- Maintenance guidance and expert review



Earlier Detection



Shorter Response Time



Lower Tuning Cost



More Stable Operations

JuraAssure and JuraVerse Retain Asset and Research Knowledge

Asset health, compliance tasks, research workflows and historical deliverables are recorded so physical condition and technical knowledge become organizational assets.

JuraAssure

Asset Integrity & Health Management



Asset condition monitoring and health assessment



Risk identification, maintenance and integrity management



Compliance tasks, ownership tracking and audit trail



Capture response experience as rules

JuraVerse

Cross-Discipline Research Workspace



Share data and research context around common business objects



Connect domain software, research workflows and historical deliverables



Task collaboration, version control and process tracking



Capture reusable research scenarios, methods and technical assets

◆ Platform Capability Delivers Efficiency, Quality and Organizational Reuse

The platform improves resource preparation, domain delivery, collaboration and organizational reuse.



Resource Readiness

Spend less time finding data,
documents and maps



Domain Delivery

Reuse data and templates;
reduce manual revisions



Cross-Team Delivery

Coordinate data, maps,
findings and review



Standards Compliance

Embed standards, quality and risk controls
into business workflows



Decision Evidence

Trace sources, processes and reviews
behind key outcomes

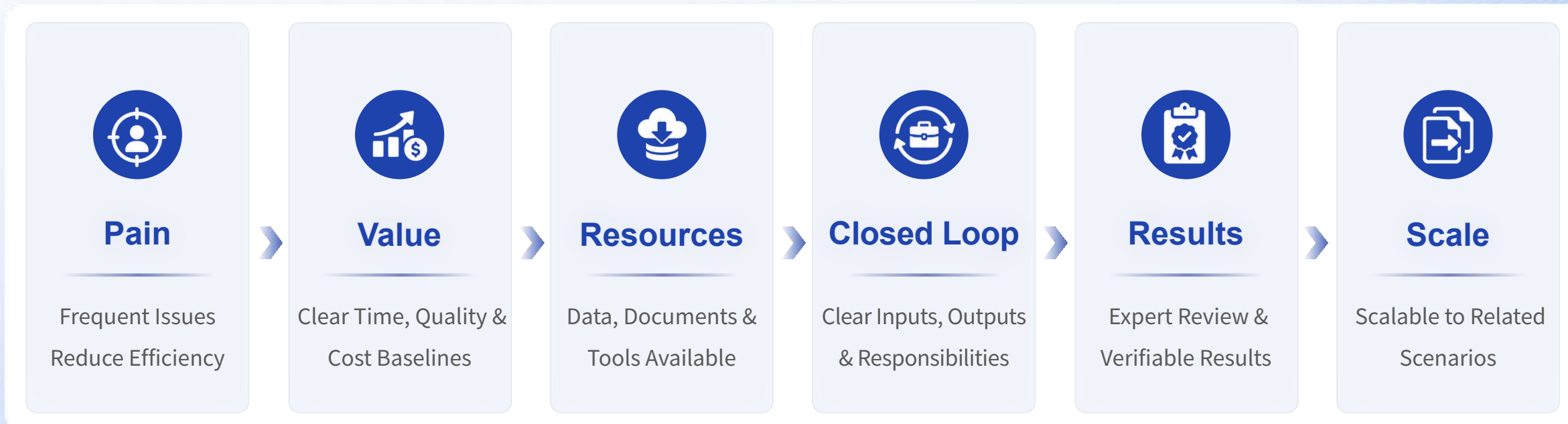


Organizational Reuse

Turn reviewed methods and outcomes
into organizational assets

◆ Start with a High-Value Workflow, Prove Results and Scale

Initial delivery focuses on a closed-loop workflow with a clear problem, available resources and measurable value; proven capability then expands to adjacent work.



START | High-Value Workflow

- Choose one key object and workflow, establish an efficiency, quality or cost baseline, and deliver a reviewable business loop.



SCALE | Expand After Proof

- Reuse data, rules, domain capabilities and reviewed experience across mapping, reporting, analytics and domain agents.





Co-Developing Oil & Gas Intelligence That Evolves with the Business

30+ years of industry experience OiO connects data,
knowledge, software and intelligence



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