



ISx4

AI & ANALYTICS

Insight, Strategy, Solutions, Services & Support

ISx4 Service Definition G-Cloud 15

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Section 1 – About ISx4

What Do ISx4 Offer

ISx4 bring vast industry experience to help derive competitive advantage by moving our clients from **Hindsight**, through **Insight** to **Foresight** in today's cloud & AI driven world.

- ✓ **Strategic Guidance** - We work with leadership to map AI/ML/NLP opportunities, define roadmaps, assess risk & compliance, and align AI investments with your business goals
- ✓ **Custom Solutions** - Bespoke AI and workflow automation systems — including Generative AI, LLM-driven avatars, predictive modelling — architected and tuned for your domain
- ✓ **Full Lifecycle Services & Support** - From planning, deployment, cloud services, analytics and data science through platform management, and scaling. We ensure governance, reliability & security
- ✓ **AI Product Suite** — Modular, reusable, high-control tools that let you deploy faster. From LLM interaction platforms to automation components, our suite speeds delivery, reduces risk and cuts costs

Why It Matters

- Faster time-to-market with cloud ready product components
- Lower risk and clear compliance via structured strategy + support
- Greater ROI as solutions stay robust, maintainable and extensible
- Strategic leadership enabled to stay ahead, not just react



STRATEGIC PARTNERS

ISx4 Client Logos Page



Our Products

At ISx4 we empower businesses to harness the full potential of AI

Our innovative products & AI Agents are designed to improve efficiency, reduce costs, and drive smarter decision-making across the enterprise. From intelligent virtual assistants to advanced analytics, we deliver solutions that improve the end user experience and reduce cost.



Generative & Conversational AI

Interacts conversationally to answer real questions in plain language using LLMs, chatbots & avatars. Creates new content, or enables automated, human-like interactions.

Chatbots / virtual assistants, content generation, marketing, image creation, summarization, code generation.



Automation & Process AI

Automates repetitive tasks or workflows, orchestrates business logic, reduces manual effort. Can combine rule-based + ML to drive cost savings.

RPA (Robotic Process Automation), document extraction, workflow automation (e.g. customer onboarding), process optimization.



Predictive & Decision AI

Uses data to forecast outcomes, provide scoring/decisions, suggest actions, or support human decisions. Often supervised / statistical ML models.

Credit risk scoring, fraud detection, demand forecasting, predictive maintenance. Hands on in Government, Finance, Pharma and Sports.

Discover our Products on our website: www.ISx4.com/index.html#products.

Section 2 – ISx4's G-Cloud Service Definition

Service Offerings

SOFTWARE – I-SaaS

Infrastructure Software & Application Deployment

ISx4 specialises in the implementation of analytics and AI solutions including AI agents on cloud infrastructure, including Azure, AWS, GCP, Databricks, Snowflake, SAS, WatsonX, Posit, Anaconda and bespoke solutions. ISx4 can host and own the cloud environment or deploy to client cloud environments. In-life management and support is part of the service offering.

- System & service management
- Cloud financial management
- Network
- Security
- Storage
- Endpoint management
- Physical & virtual computing
- Application integration & orchestration
- Application platforms

SOFTWARE - SaaS

Cloud Software Development, Deployment & In-life Management

ISx4 specialises in the implementation of analytics and AI solutions including AI agents on cloud infrastructure. Options include Azure, AWS, GCP, Databricks, Snowflake, SAS, WatsonX, Posit, Anaconda and bespoke solutions. ISx4 can host and own the cloud environment or deploy to the client cloud environment. In-life management and support is part of the service offering.

- Application platforms
- Analytics & business intelligence
- AI platforms
- Data management
- Application development
- Software quality
- Applications

SUPPORT

Cloud Migration, Installation, Management and Support

A bespoke service providing flexible solutions Particular focus is on Analytics and AI solutions including AI agents.

- Cloud management
- Cloud financial management
- Cloud migration planning
- Set up & migration
- Security
- QA & performance testing
- Training
- Ongoing support

Service Offerings

Infrastructure Software & Application Deployment

- ✓ Tailored solutions utilising the most appropriate platform
- ✓ Full functionality of AWS, Azure or GCP
- ✓ Runs on a dedicated instance
- ✓ AI Agent, chatbot & workflow
- ✓ Containerised deployments using Kubernetes
- ✓ Full implementation or upgrade service
- ✓ Resource augmentation is available

Cloud Software Development, Deployment & In-life Management

- ✓ Customised advanced Analytics modelled to deliver business insights
- ✓ AI agents
- ✓ NLP Natural Language processing and Machine Learning ML services
- ✓ DM: advanced techniques to extract actionable information
- ✓ Model development and deployment
- ✓ Generative AI & Chatbot functionality
- ✓ Low code / No code

Cloud Migration, Installation, Management and Support

- ✓ Bespoke solutions
- ✓ Cloud Analytics & AI Readiness Review
- ✓ Alignment, roadmap, people, platform
- ✓ Dedicated experienced fully certified local consultants
- ✓ Best practice cloud migration project management
- ✓ No system tie-ins
- ✓ AI Agent, chatbot & workflow in the cloud

Onboarding: User documentation + standard system information. Full handover.

Offboarding: Users own the data with full access. Migration of data managed by the users.

Requirements: system deployments will require user licences.

No constraints: full flexibility to tailor solutions.

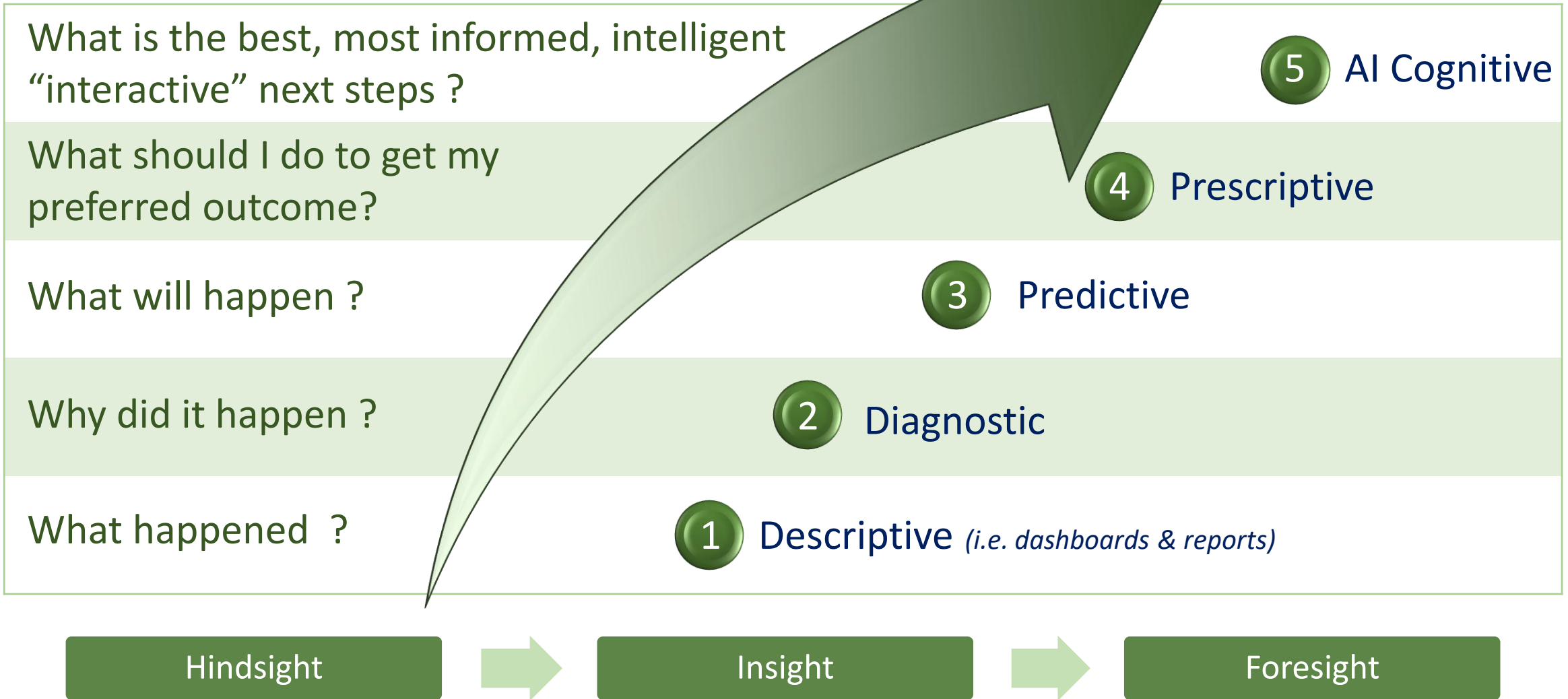
Service options include High- / Medium- / Low-complexity models and Gold, Silver, Bronze

Expertise includes Azure, AWS, GCP, Databricks, Snowflake, SAS, IBM, Anaconda, Posit – in UK or EU

Security - tailored to user requirements. Data remains on buyer's network, or a dedicated instance for the buyer on Azure, AWS or GCP. ISx4 does not operate data centres or networks.

Section 3 – ISx4's Expertise

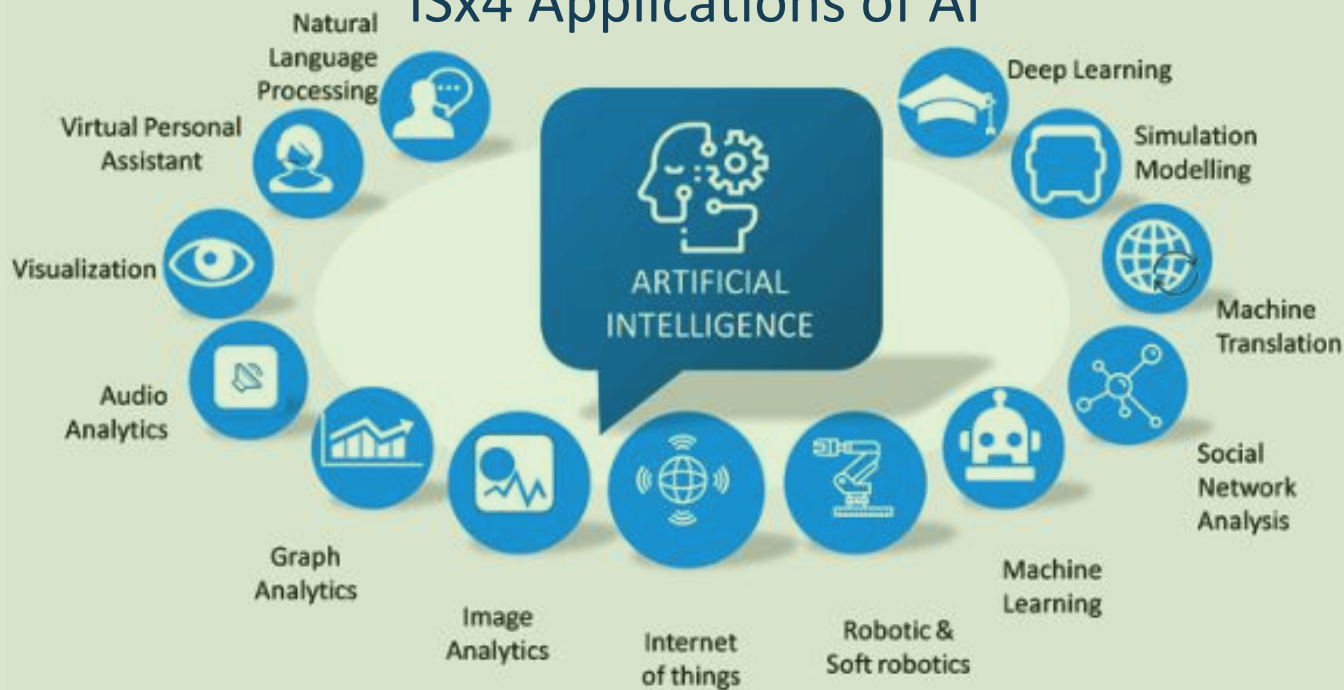
The 5 Stages of Analytics & AI Maturity



AI in Your Business ?

AI is less associated with futuristic robots, but more with productivity tools and predictions to help everyday menial tasks. Companies are moving away from the hype and into solving real-world problems. There is a real shift to 'AI-driven' results as companies look for real business impact from AI. Going forward, AI will be valued through the business value it delivers.

ISx4 Applications of AI

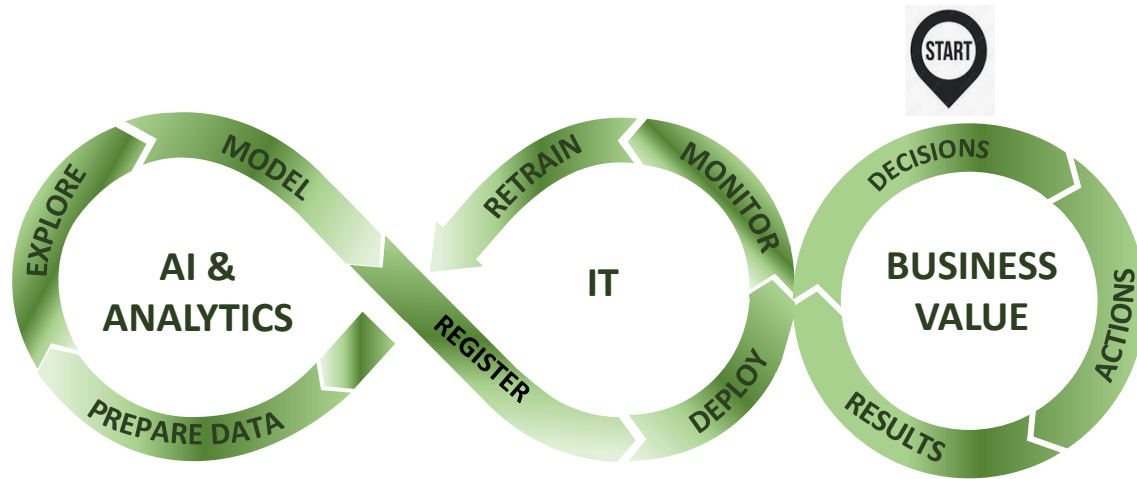


When we apply the power of analytics, and AI to large swathes of data, we can uncover previously unknown entity relationships which open the door to significant new insights

Definition: AI is the theory and development of data driven systems to enable the interactive performance of tasks normally requiring human intelligence such as visual perception, speech recognition and informed decision making to solve problems or achieve a specific goal

Operationalising AI & Analytics

Operationalising analytics and AI isn't just "nice to have" — it's essential. By putting AI and data insights at the heart of operations, companies can make faster, evidence-based decisions, automate repetitive tasks, reduce risk, and deliver better customer experiences. When AI tools are embedded into workflows, not just pilots, businesses unlock greater efficiency, sharper competitiveness, and sustainable value. This allows you to build strategically project on project

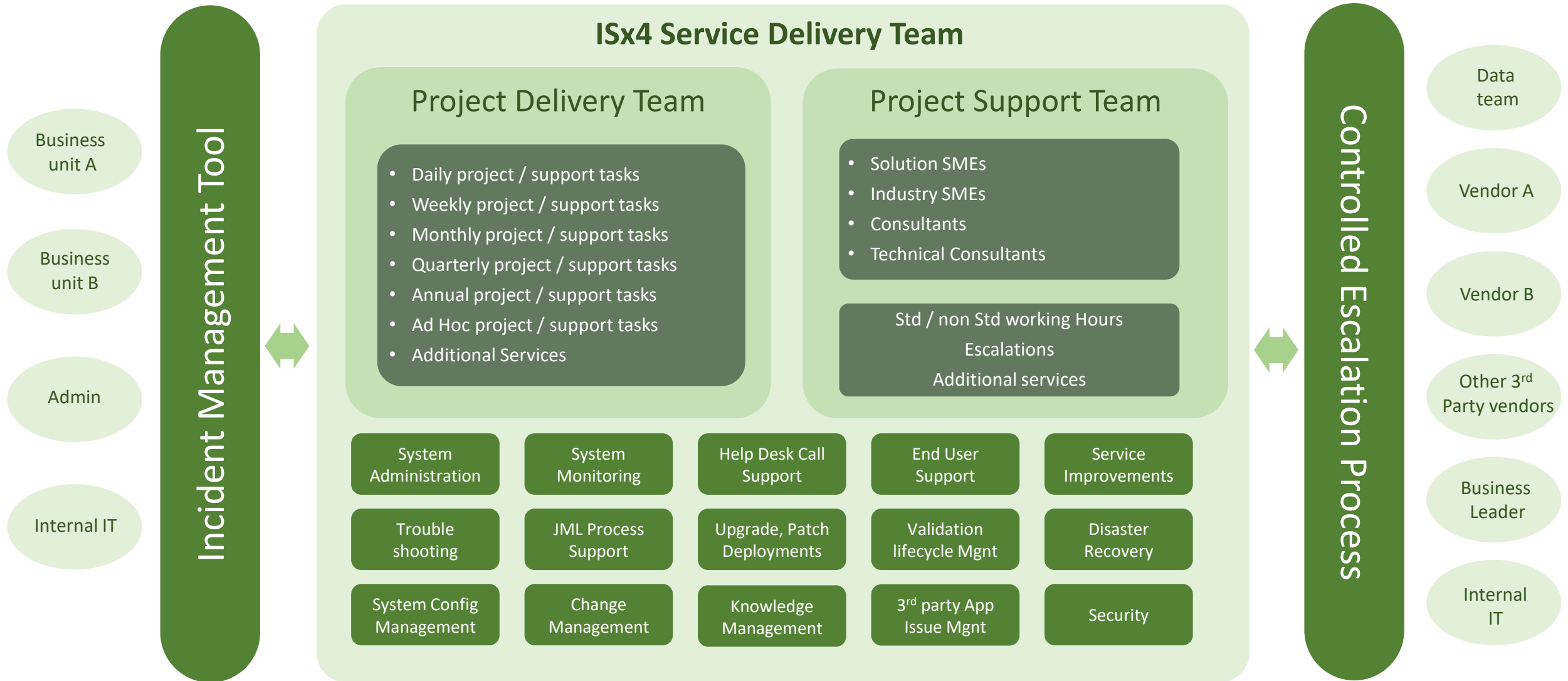


Maintain a controlled flexible AI & Analytics environment

ML Ops and Data Ops

streamline workflows, ensuring reliable, scalable, and efficient AI solutions. They unify data pipelines, model deployment, and monitoring, enabling faster innovation, reduced risk, and impactful business outcomes.

ISx4 AI & Analytics Operations & Support Model



Case Studies

At ISx4, we turn AI into action. Here are some real examples of intelligent, AI-powered solutions:

- **Document & Query Assistants** – Companies often waste critical time hunting through manuals, compliance records, or policies. We built AI assistants that let users query & summarise documents instantly via natural language—cutting hours of manual lookup into seconds.
- **Real-Time Fraud & Scam Detection** – For major banks, we developed AI agents that detect scam behaviour during live phone or digital interactions. This helps protect customers in the moment, prevent financial loss, and enforce compliance proactively.
- **Regulatory Analytics & Model Migration** – With finance clients migrating legacy regulatory models (such as IFRS-9) from older analytics platforms to modern, cloud-native systems, we ensure seamless transition with preserved accuracy, regulatory alignment, and minimal downtime.
- **Virtual Agents & Workflow Automation** – High-volume service organisations—from government bodies to airlines—need 24/7 support. Our AI virtual agents handle email triage, customer queries, policy lookup or complaint routing automatically, enabling teams to focus on high-value tasks.

What Clients Gain

- Faster decision-making and response time
- Enhanced compliance, auditability & trust
- Reduced manual effort, fewer errors
- Scalable AI solutions that adapt as needs evolve

Discover our case studies on our website: www.ISx4.com/casestudies.html



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