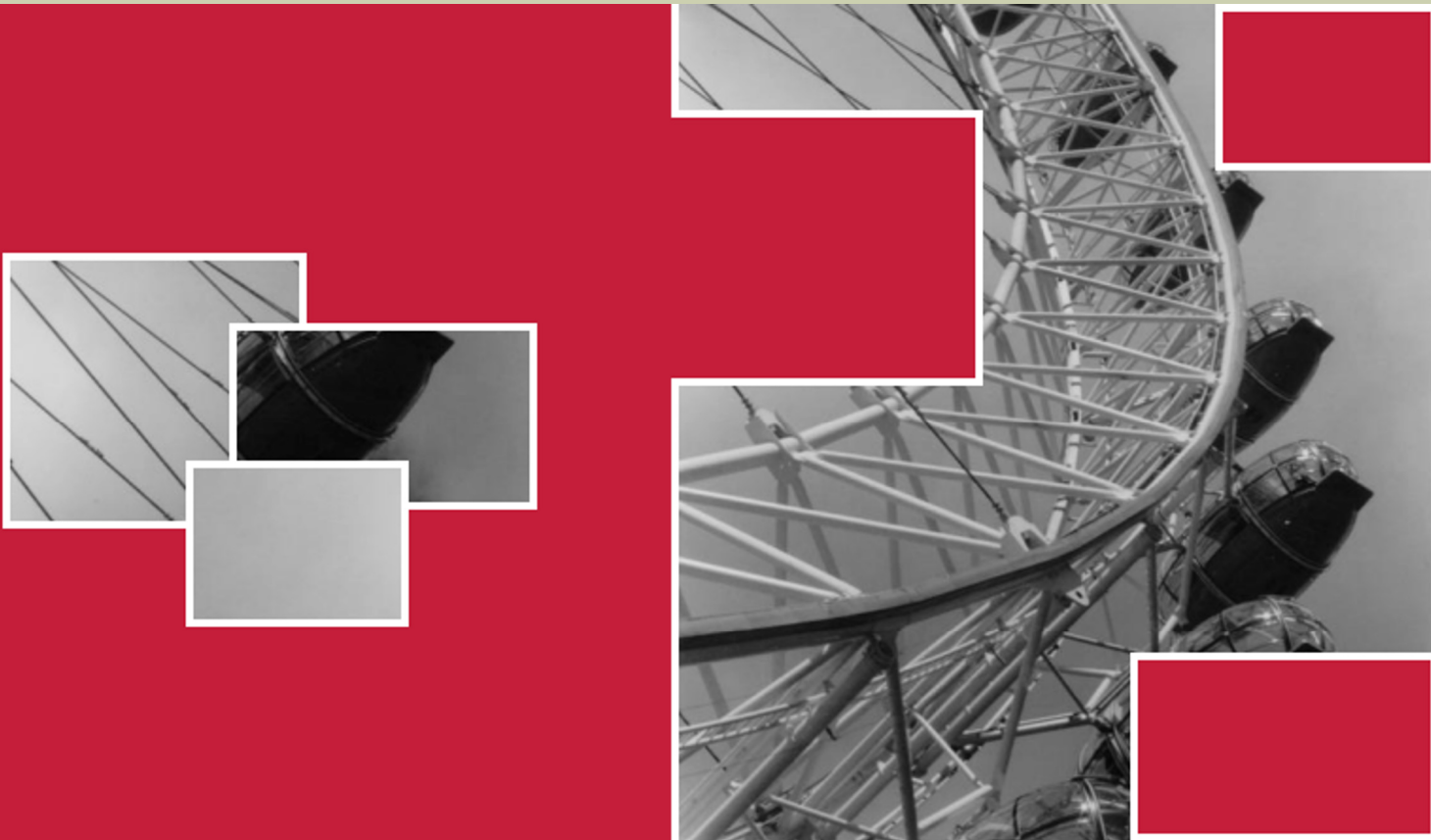


case study— global FMCG company



Delivering SOA for Enterprise Data Integration

WORLD CLASS ARCHITECTURE

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Delivering SOA is about more than just implementing technology.

Service Oriented Architecture is an **approach** and a set of **principles** that must be embraced if the **benefits** are to be realised. SOA had been identified as a key enabler for a new IT strategy at a global FMCG, in which around 80% of the integration was focussed on sharing data between 180 operating companies. EAS were engaged to define a vision and strategy for integration based on SOA; identify candidate services and solutions; to **deliver** a pilot and rollout the infrastructure and support organisation.

challenge

- To gain organisation buy-in for SOA as an enterprise initiative
- To define a vision and strategy for integration that could satisfy the immediate requirement for Data Integration and yet also support future Application and Process Integration
- To define useful and shareable services that meet the requirements of SOA – and were not just technical integration components
- To deliver an architecture that can evolve incrementally and cost-effectively without requiring a large technology investment
- To deliver a solution that is globally scalable, manageable and reliable
- To rollout a Service Infrastructure for the SOA and to establish the client's support and governance teams.

solution

- EAS placed a small team on the assignment, supporting the key stakeholder
- The EAS Strategy Development Process was used to define a vision and strategy, select the strategic technologies and define an implementation roadmap
- Candidate services were identified and piloted to validate the infrastructure and the SOA approach
- An infrastructure based on the selected strategic technologies was specified and implemented through engagement with the operational support teams, including training and initial support of these teams
- Services were defined in conjunction with the client's Information Architecture team to ensure that the service schemas were aligned to the Information Architecture strategy.

result

- **Increased speed of delivery.** Consumers of the services were delighted with the speed and ease with which they could use the service
- **Higher level of development.** The Service Infrastructure took technology tasks out of the integration development process
- **Usage controlled by configuration.** A policy-based approach to service management enabled services to be fully managed in terms of provision and usage without coding
- **Enterprise-wide monitoring.** Alerting, monitoring and usage-tracking was provided in contrast to the existing EAI solution
- **Point to point development, brokered management.** SOA delivered the ease of point-to-point development but backed by the strengths of a brokered architecture at management and runtime.

How SOA is implemented is the key to its success and ensuring that services are shareable is one of the fundamental factors. In this case study, a single service is providing data to various consumers and in multiple data integration styles. By sticking to the approach and principles of SOA and aligning the use of technology to these, the benefits of SOA are already starting to be realised in this organisation.