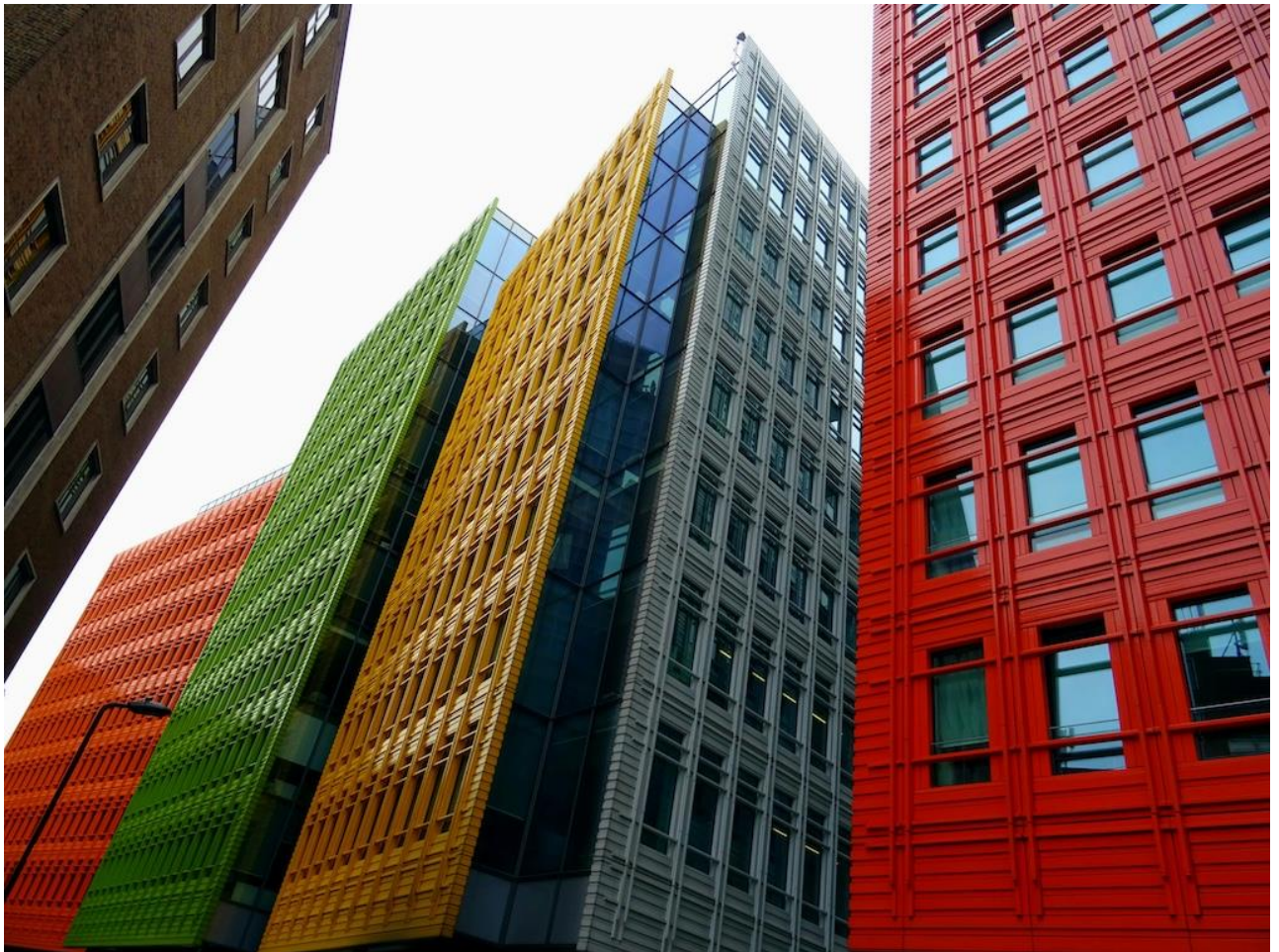# SCIKIQ
contextualizing data

EFS DataHub Case Study

Unlocking Enterprise Intelligence with SCIKIQ

Client Overview

Client: EFS Facilities Services

Industry: Facilities & Workforce Management

Project Scope: Creation of Data Hub

Integration of 11 enterprise applications, creation of Employee 360, Procurement 360, and Finance 360 views

The Challenge

EFS was running operations across 11 disconnected enterprise applications that generated data at scale but lacked a unified view. Key issues included:

- No enterprise data model to support unified insights across HR, procurement, and finance
- High cost of technology change and slow integration processes
- Complex data governance, data quality, and security management
- Inability to scale or generate insights across departmental silos

EFS Datahub Project – Data Landscape Complexity

EFS Datahub – High Level Problem

- 11 enterprise applications generating disconnected data at scale
- Complexity and Scale of IT Development
- Enterprise Data Model not present to support Employee/Procurement and Finance 360
- High Cost Of Technology change
- Complexity Of Managing Data Quality
- Maintaining Data Security & Governance
- Tricky Process Of Converting Data from various enterprise applications Into Valuable Insights
- Troubles Of Upscaling
- Integration of interdepartmental Data

Source	Type	#Tables/API	Attribute	#Records
Darwinbox – HRMS system		2	72	7.5k
JD Edwards – Finance & Procurement data	ORACLE	51	4600	5m+
Employee – Grievance System	MSSQL	6	76	46.5k
Employee – Appreciation System	MSSQL	6	147	12.5k
POS – Restaurant Management System		1	235	150k
Employee – Training System		1	8	548k
IT Security, Operations & Service Management	SQL Server	22	330	64k
Transport, Telematics & Fleet Management		1	8	200k
Machine & Service Management		1	131	35k
Integrated Management	MSSQL	5	99	117k
Procurement System		5	420	200k

- 11 Disconnected Source System
- 100+ tables / 9 API
- 6100+ Attributes
- 6.5m Records
- 6 sources need Interdepartmental data

Data Landscape for EFS Departments

The Solution

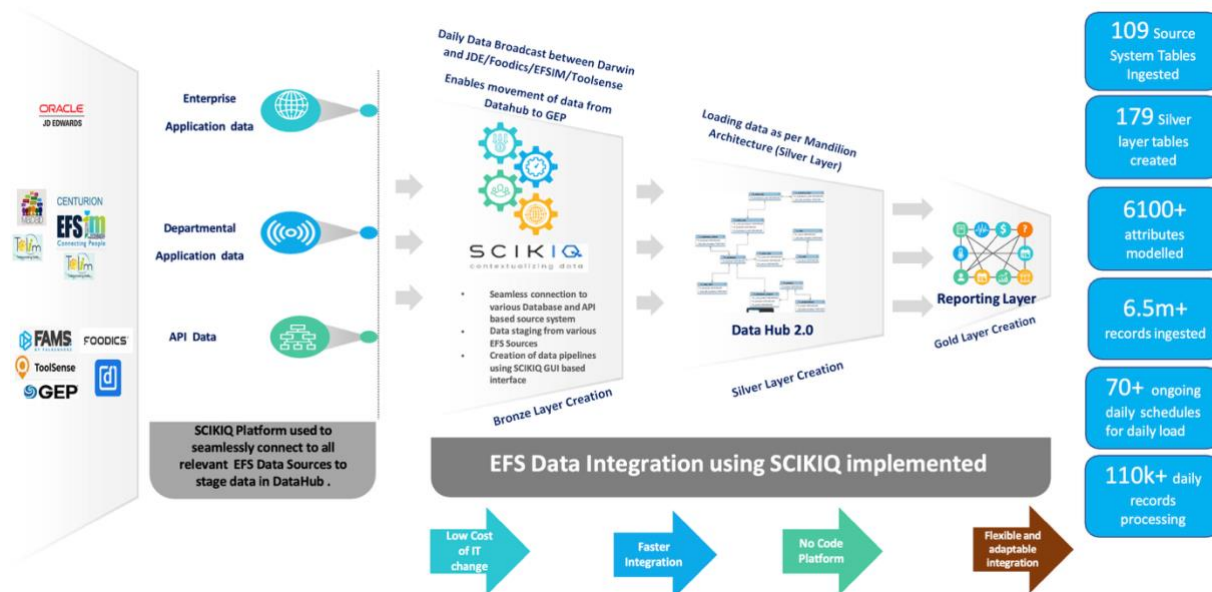SCIKIQ delivered a no-code Data Fabric platform that provided:

- Seamless connections to databases and API-based source systems
- Staging of raw data from EFS's core applications
- GUI-based data pipeline creation
- Integration of interdepartmental data to create unified 360° views (Employee, Procurement, Finance)
- Daily data broadcast between systems (e.g., Darwin ↔ other platforms)

- GEP system integration for real-time procurement insights
- Custom integrations built by the SCIKIQ team to extract and refine data from legacy systems for actionable use

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Implementation Highlights

- 109 source system tables ingested
- 6100+ attributes modeled
- 6.5M+ historical records processed
- 110K+ daily records processed
- 70+ daily data load schedules enabled
- Enterprise Data Model built for multi-phase implementation

The Outcome

- Faster integration across enterprise systems
- Low cost of IT change through SCIKIQ's no-code approach
- Mandilion Architecture enabled: Employee 360, Supplier 360, Procurement 360
- Phase 1 fully supported by SCIKIQ's data experts, who created custom connectors and refined legacy data pipelines
- Phase 2 executed independently by EFS — demonstrating SCIKIQ's intuitive UI, the EFS internal data team was able to implement ongoing use cases using their own analysts and engineers

- Foundation for Data Hub 2.0 — extensible and scalable

Why SCIKIQ Made the Difference

SCIKIQ transformed EFS's scattered data landscape into a connected, intelligent platform. By offering rapid deployment, deep connectivity, and user-friendly data modeling, EFS now operates on an AI-ready, scalable architecture built for automation, operational efficiency, and better decisions.

Unlike traditional integration projects that demand months of effort and heavy IT intervention, SCIKIQ enabled:

- Rapid data onboarding without disrupting operations or requiring full replatforming
- Out-of-the-box connectivity to diverse legacy and modern systems using a plug-and-play approach
- Enterprise data modeling at scale through visual, no-code interfaces that business and tech users could collaboratively manage
- Self-service enablement — empowering the EFS team to take control of their data journey from Phase 2 onward without reliance on external consultants
- Future-proof architecture designed for ongoing analytics, automation, and AI readiness

By simplifying complexity, accelerating outcomes, and democratizing data access, SCIKIQ positioned EFS for long-term agility and competitive advantage.
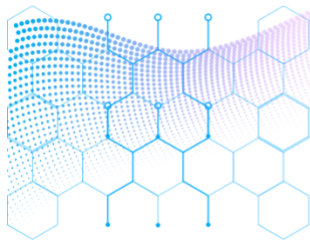
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SCIKIQ is more than a platform — it's your Data Hub, AI Layer, and Nervous System. All in one.

🌐 Visit: www.scikiq.com
📧 Contact: sales@scikiq.com

SCIKIQ

The AI Readiness Layer for Modern Enterprises

Build Your Data Foundation
Launch AI at Speed