

StakGen



Oka-Bi



StakGen.io Overview

- Azure data platform automation.
- Delivers Azure data warehouse to any region globally.
- Builds out Azure SQL Database, Synapse Analytics and Data Factory Assets, rapidly.
- Intuitive, easy to follow architecture.
- Stage, Validate and Historise your key business data.
- Ingests multiple file types (delimited csv / txt, parquet), as well as Azure SQL Database tables/views.
- Load Auditing.
- Data Dictionary.
- Metadata driven ETL Framework (Azure Data Factory) is automatically deployed to your subscription.
- Near-Realtime Loading (Azure Data Factory).
- Data Privacy at the core of the product, enabling encryption of personal data in your data warehouse.

StakGen.io Features

StakGen.io is an Azure Automation product with powerful PaaS & SaaS automation capability for building a modern cloud data warehouse.



Low Code Automation

Our automation software instantly delivers code.



Data Privacy

Pseudonymisation techniques heavily referenced in GDPR are deployed.



Data Ingest

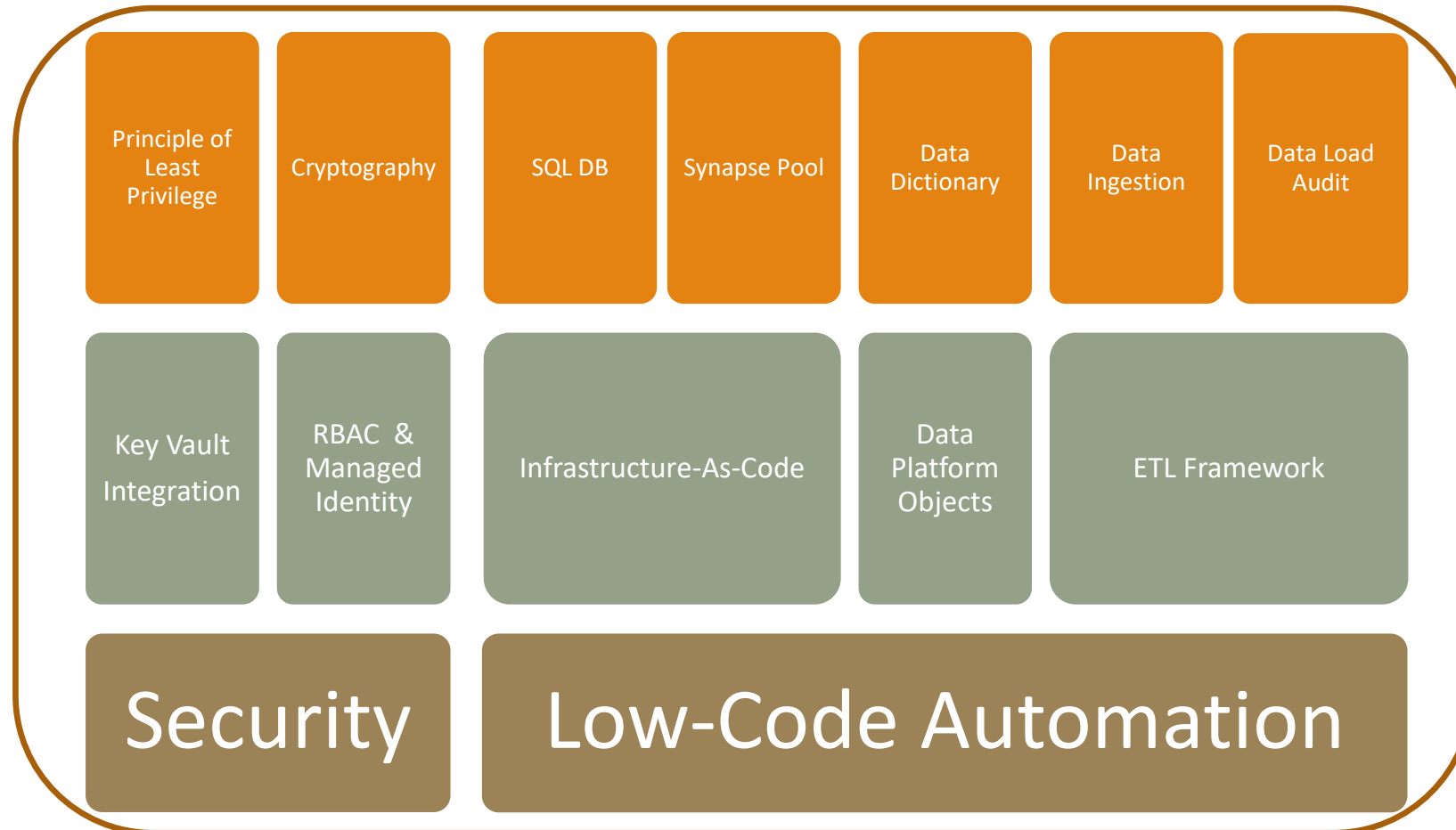
Data Ingestion, 70% of a analytics platform, automated for your data.



Data Platform

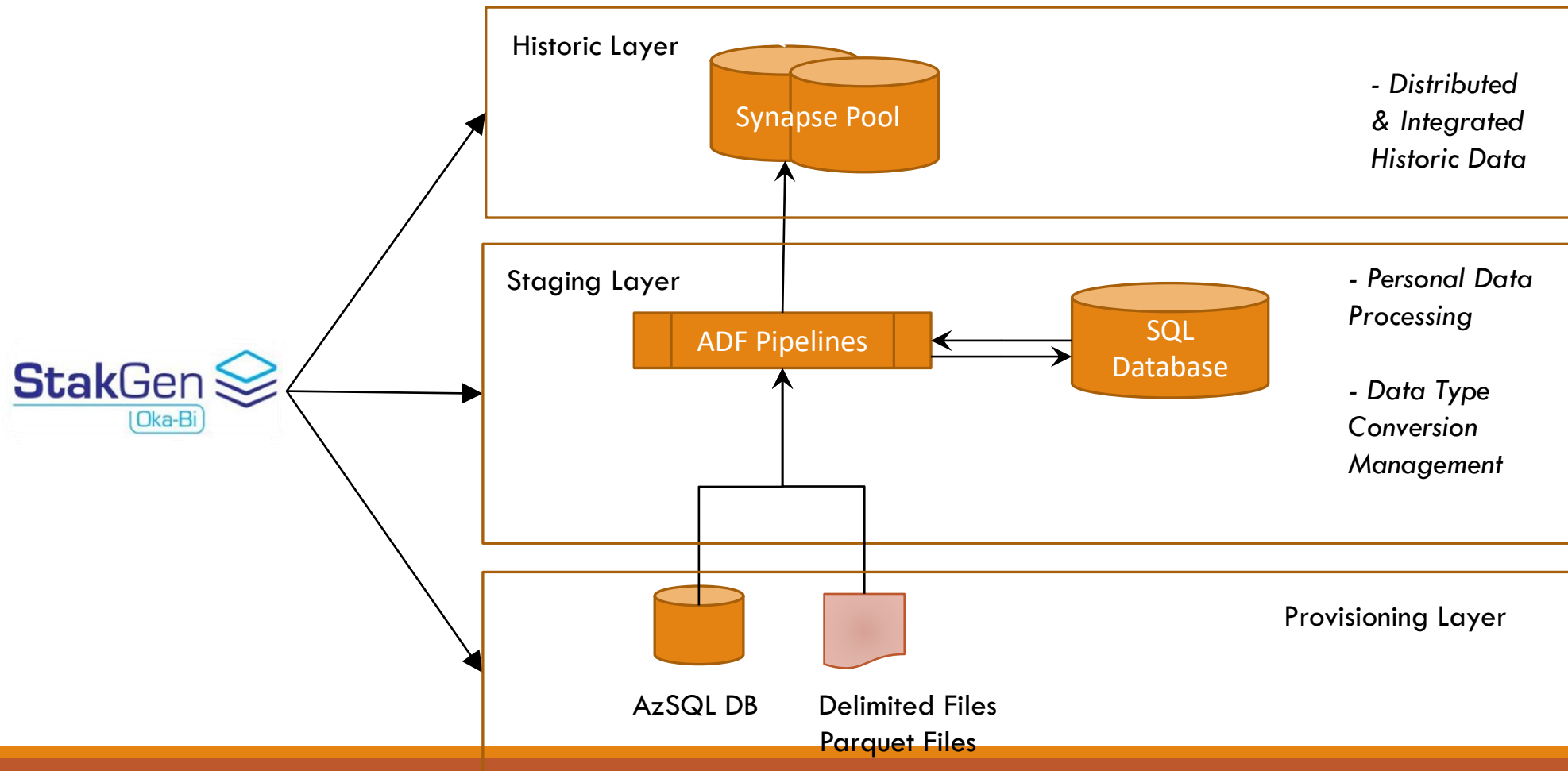
Data Warehouse artefacts coded precisely to enterprise standards.

Product Feature Wall



All delivered via a low code automation app framework (.Net framework)

High Level Solution Architecture



Key Benefits



Speed of Delivery

45x agility increase in build speed.

Hyper-automation patterns for Infra-As-Code, Data Warehouse, Data Integration and Audit.



Decrease build cost /
High ROI

Software will pay for itself in Year 1.



Deploy Anywhere

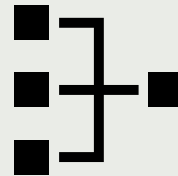
Build on any available Azure Tenant

Key Benefits



GDPR Alignment

Pseudonymisation techniques applied to protect Personal Data



Remote Delivery

Build consistency even in geo-disparate teams



Turnkey Setup

Azure AD centralized management for quick rollout.

Key Benefits



No Vendor Lock

White box, transparent architecture, 12 month renewable subscription.



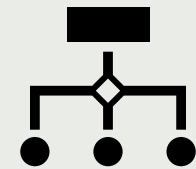
Tested

Our clients have run previous versions of this platform for 9+ years



Scalability

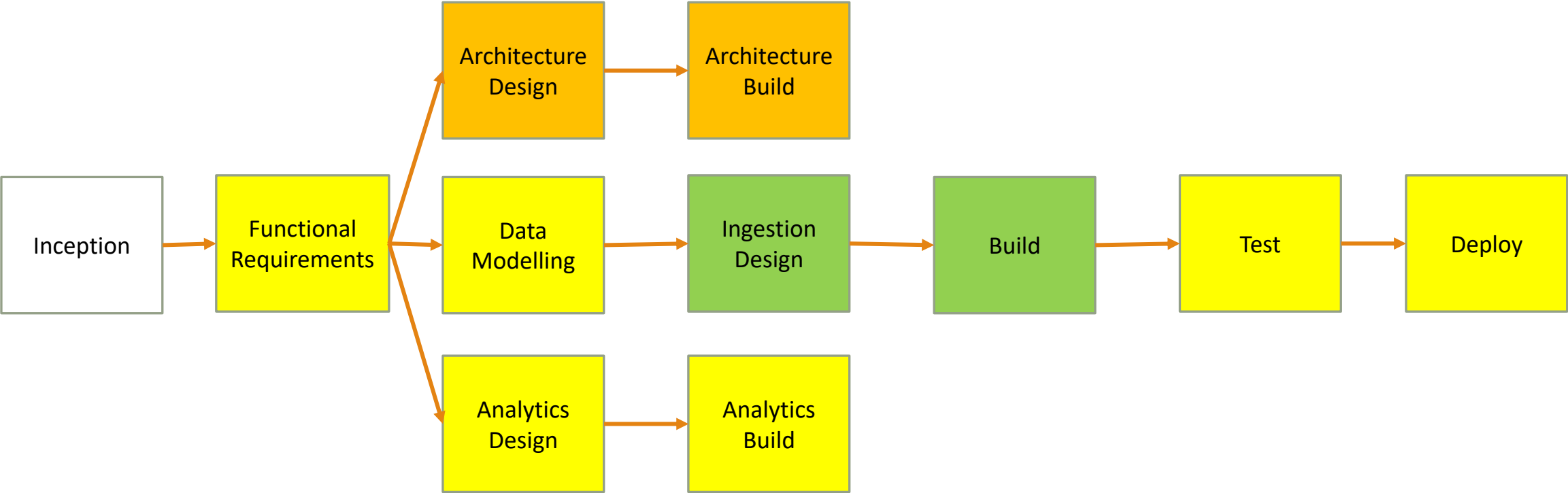
Scale out parallel architecture up to 240TB.



Extensibility

With training, learn how to adapt and extend code for custom use cases.

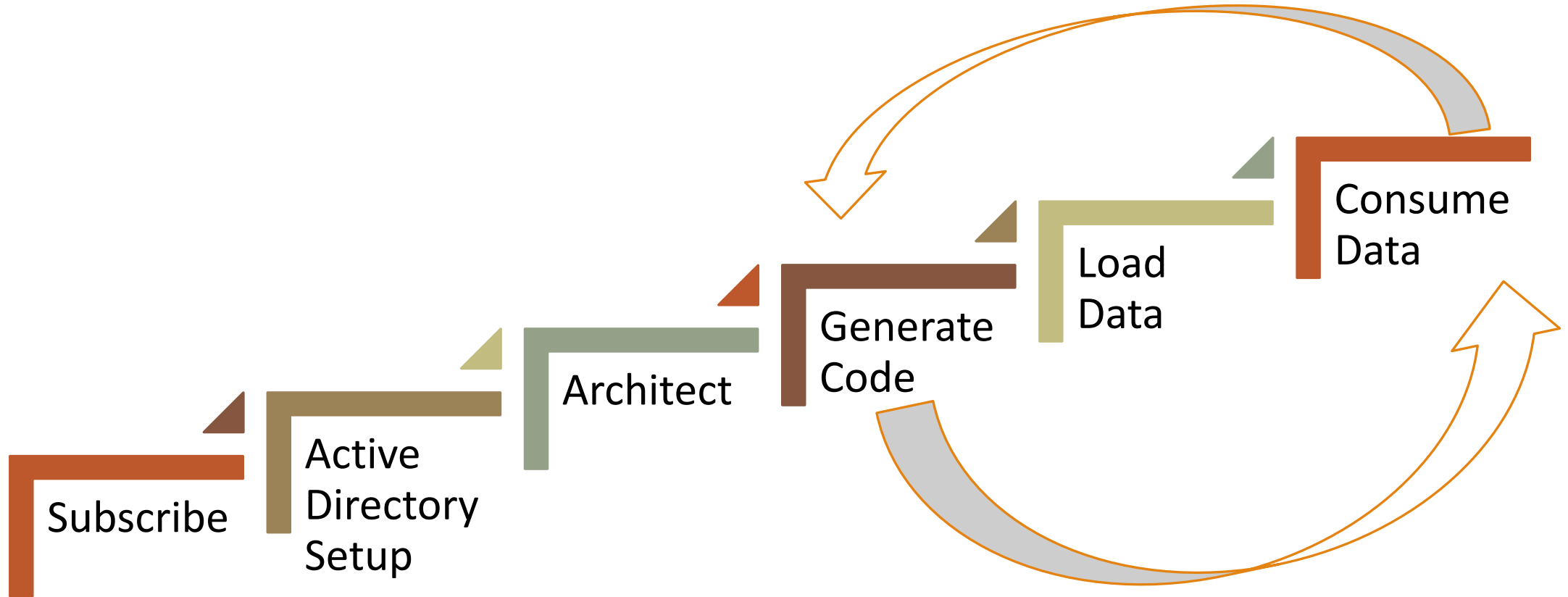
Product Impact



Key

- Full Automation
- Partial Automation
- Positive Impact

Getting you started, step by step



Customers / Testimonials

We are proud to have licensed our software to public and private organisations, demonstrating the versatility of our tools.

We have been able to develop a robust system that links together clinical datasets, helps manage the associated biological samples in our Bio-repository and makes pseudonymised information available for research purposes

MARTIN WILKINS
Professor, Imperial College

The automated development package, in particular, helped us develop our own system in-house and was a time saver whilst exhibiting accuracy and quality.

ANDY HALL
Director, NHS

StakGen™ Enterprise was pivotal in the delivery of our practice BI platform, delivering a 20 dimension Analysis Services Cube, Data Warehouse, Kimball Data Mart and ETL loading framework in 3 days.

IT Dev Manager, Magic Circle Law Firm



End of presentation.

Contact us at

- david.hill@oka-bi.co.uk (Co-Founder & Chief Software Architect)
- ben.parker@oka-bi.co.uk (Sales Director)