

Datactics Entity Match Engine helps to solve the identification problems faced by banks when on-boarding person or company information and performing data identity and verification.

Entity Matching at scale: A Complex Task

The ability to perform high-accuracy fuzzy matching providing candidate records that are scored for likely matches is a key problem for most current on-boarding systems. Typically, underlying people or company entity data resides in multiple formats and is "messy" in the sense that it can contain typos, transposition errors and abbreviations; for instance: "Algonquin Pwr & Util" vs. "Algonquin Power & Utilities Corp."

Introducing Datactics Entity Match Engine:

A powerful and easy add-on to a bank's Master Data Management systems responsible for KYC, Anti-Money Laundering and fraud, Entity Match Engine solves the problem of matching person and/or company identification data originating from multiple sources and existing in large volumes that need to be matched in real-time.

- ✓ Simple, non-disruptive addition to existing master database
- ✓ Scalable and flexible entity matching platform with a central GUI hub
- ✓ Fuzzy-match disparate data sets to return match results with scores of likely matches
- ✓ Easily ingest, normalise and augment entity reference data sets including 'open' sources
- ✓ Build powerful search methods, configure API access and integrate with external applications
- ✓ Consolidate & enhance reference data from multiple sources e.g. Companies House, GLEIF, Bloomberg FIGI, Thomson Reuters Open PermID
- ✓ Highly performant even when running on commodity hardware.

In Brief:

Who is it for?

- Head of KYC
- Head of Customer & Client Onboarding
- Head of AML

What does it do?

- ✓ Increase quality of entity data in your Legal Entity Master or MDM
- ✓ Ensure ongoing quality of counterparty reference data and keep reference data up to date with changes
- ✓ Enhance your EDM or Legal Entity Master with open data from multiple reference sources e.g. FIGI, PermID, GLEIF etc.
- ✓ De-duplicate and fuzzy match vendor reference data at speed and significant scale



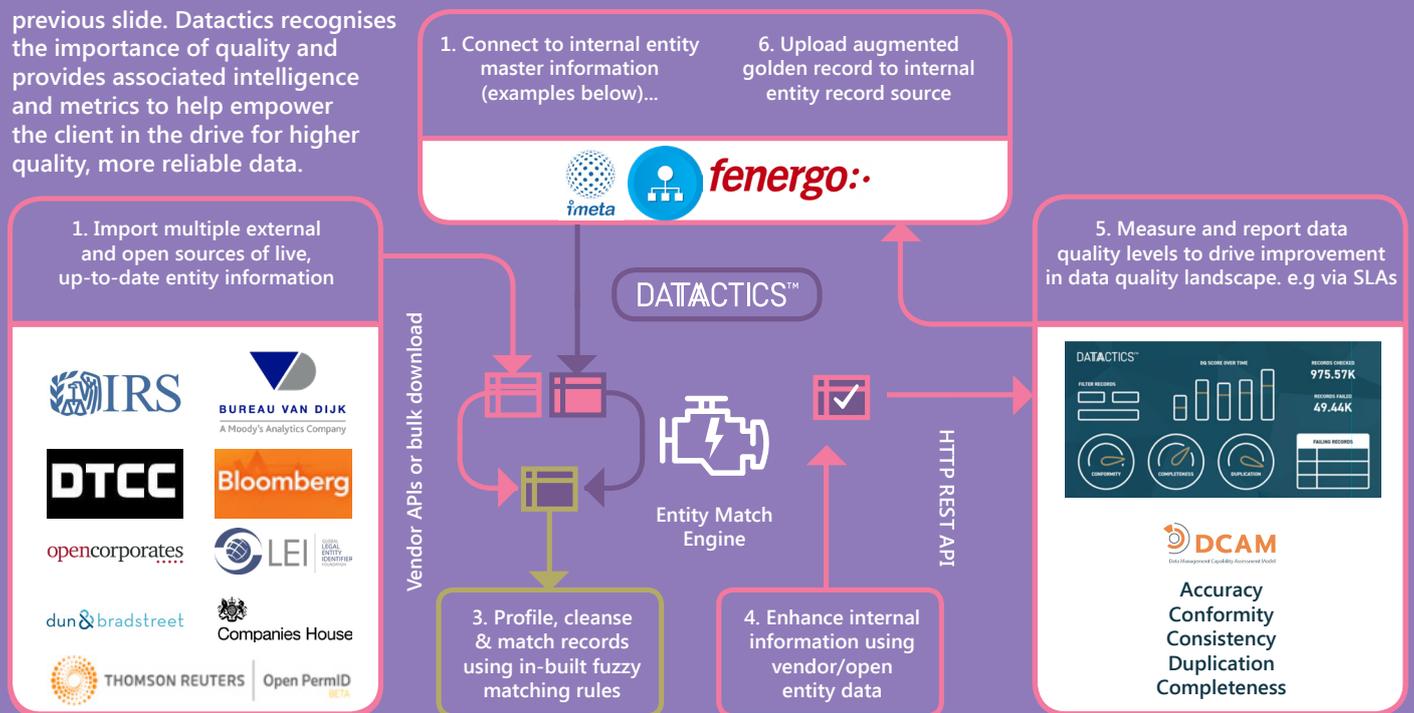
Typical Entity Match Engine workflow

showing (1) ingestion of external data; (2) connection to existing datasets; (3) profiling and fuzzy-matching data; (4) enhancement of data; (5) measurement and visualisation and (6) upload of perfected data to Master Data. Management System or Entity Master. We are able to deploy our software and deliver meaningful results in a matter of weeks, and have a proven track record of success in matching entities, people and instruments at scale for Tier 1 global banks.



The engine works as follows (1-6)

to deliver the results on the previous slide. Datactics recognises the importance of quality and provides associated intelligence and metrics to help empower the client in the drive for higher quality, more reliable data.



Benefits:

- ✓ Reduce need for manual processing to do data look-up and verification at the bank
- ✓ Greater regulatory compliance and reduced risk of fines
- ✓ High-performance matching on tens of millions of records returning scored/ranked results in seconds = faster on-boarding
- ✓ Hundreds of out-of-the-box rules for common fuzzy-matching scenarios on company and officer names = less need for IT involvement
- ✓ A business-focused solution that doesn't require programming

To find out more about how we can help you with your matching and mapping requirements, visit our website at www.datactics.com or give **Kieran Seaward, Head of Sales**, a call on **+44 7828 953368**